



STAINLESS STEEL COMPONENTS

CHAPTER 5



Stainless Steel cylinders

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STAINLESS STEEL

cylinders ISO 6432



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Series of stainless steel cylinders conforming to ISO 6432 standards, available in bores from Ø 10 to 25, double acting magnetic. The heads joined to barrel through rolling ensure perfect tightening. Supplied as standard in compliance to Reach and RoHS directives, and SIL certified. On request can be supplied according to 2014/34/ EU ATEX directive.

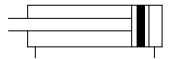


Type MDMX Ø 10 ÷ 25

from page 5.2.20



Stainless Steel cylinders conforming to ISO 6432 standards, available in bores from Ø 10 to 25, double acting, magnetic, the heads joined to barrel through rolling ensure perfect tightening. Equipped with rubber bumpers to cushion the impact of the piston. Possibility of applying one or more magnetic reed switches. Complete with stainless steel head nut and rod nut.

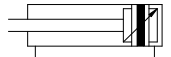





Type MDMAX Ø 20 ÷ 25

from page 5.2.40



Stainless Steel cylinders conforming to ISO 6432 standards, available in bores from Ø 20 to 25, double acting, magnetic, the heads joined to barrel through rolling ensure perfect tightening. Equipped with adjustable air cushioning on both ends. Possibility of applying one or more magnetic reed switches. Complete with stainless steel head nut and rod nut.



Options		
Description	Symbol	Suffix
Through rod		P
FKM seals	-20°C ÷ +150°C 	V
ATEX versions on request		/ATEX
Special versions on request		/S

The options, when this is possible, can be combined with each other. For options matching see page 5.2.4; For code key see page 5.2.5.

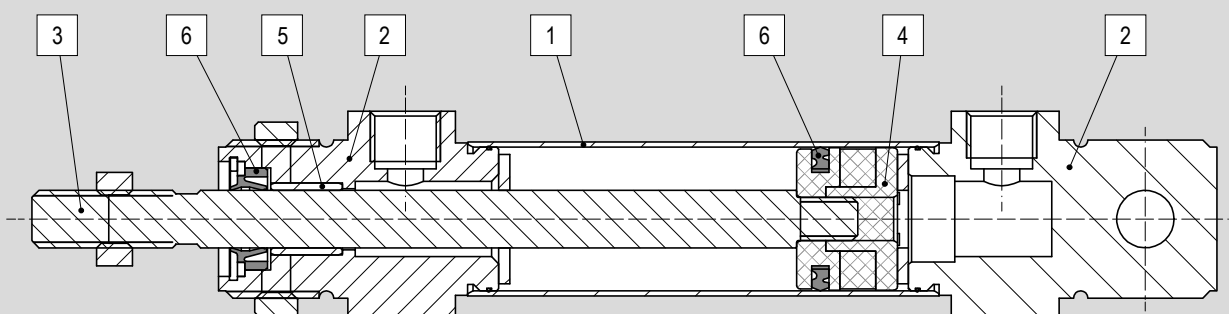
Options matching

Series	Bore	Model	Standard options matching		
			P	V	/ATEX
MDMX	Ø 10 ÷ 25	Standard	●	●	●
		Through rod (P)		●	●
MDMAX	Ø 20 ÷ 25	Standard	●	●	●
		Through rod (P)		●	●

Key

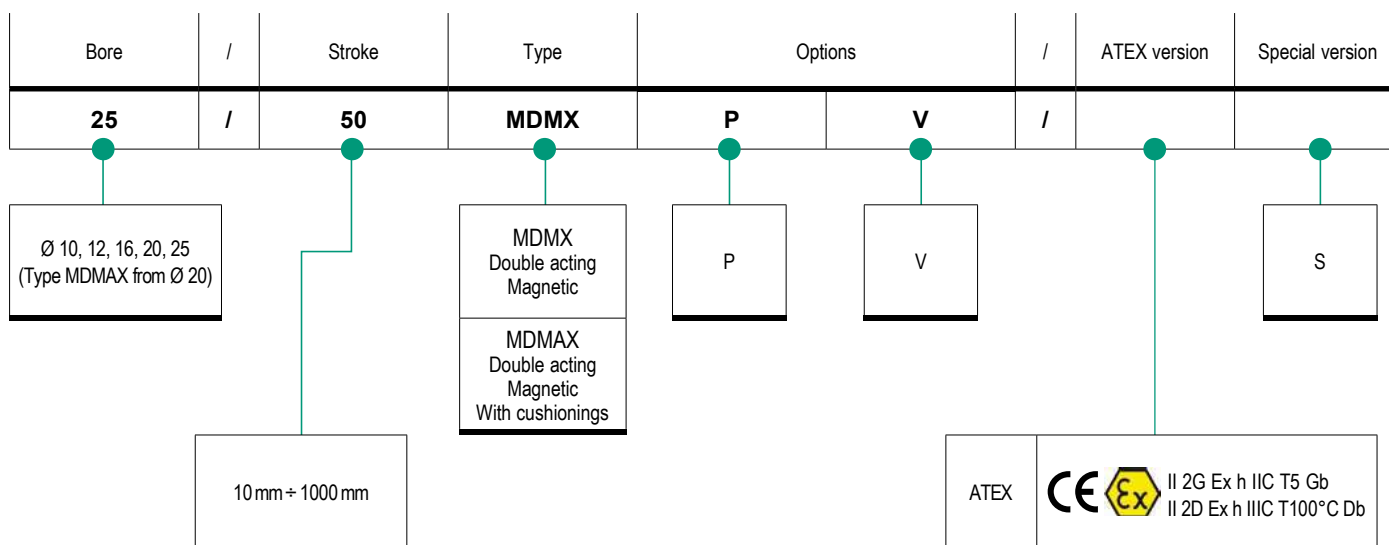
● allowed matching; - not allowed matching

Standard materials

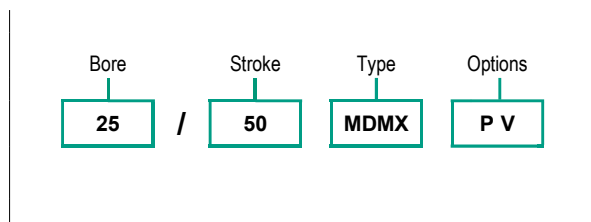


Position	Description	Material
1	Tube	Stainless Steel AISI 304
2	Heads	Stainless Steel AISI 304
3	Rod	Stainless Steel AISI 304
4	Piston	Brass
5	Bush	Sintered bronze
6	Seals	Polyurethane (PU)

Code key



How to order



Notes

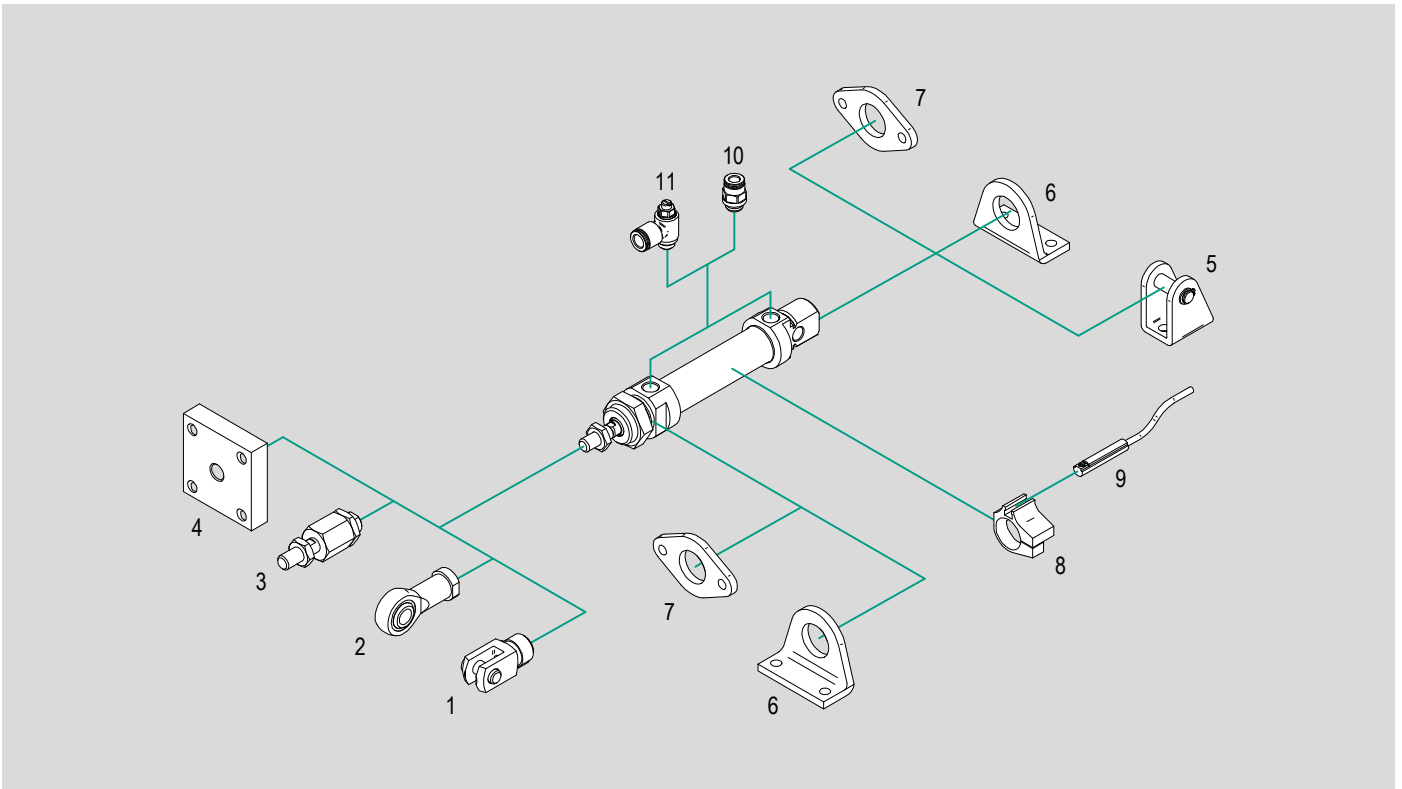
For standard materials see the side table.

Options in the same grid are alternative to each others.

For further information on options and their matching, see page 5.2.3 and page 5.2.4

For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1

Accessories

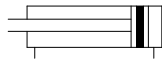


N.	Cylinder bore	Item	Description	Compliance	Matching		Code key page	Data sheet page
					MDMX	MDMAX		
1	Ø 10 ÷ 25	FFX..ISO	Stainless Steel female clevis with pin and seeger	ISO 8140	●	●	5.2.90	5.52.1
2	Ø 10 ÷ 25	RFX..SE	Stainless Steel bearing heads (DIN 648K) with female thread	ISO 8139	●	●		5.54.1
3	Ø 10 ÷ 25	GBX..	Stainless Steel self-aligning articulated coupling	ISO PM5	●	●		5.55.1
4	Ø 25	GCX..	Stainless Steel self-aligning coupling	-	●	●		5.57.1
5	Ø 12 ÷ 25	CFX..	Stainless Steel rear clevis	ISO MP3	●	●		5.71.1
6	Ø 12 ÷ 25	PX..	Stainless Steel high foot	ISO MS3	●	●		5.71.2
7	Ø 12 ÷ 25	FX..	Stainless Steel flange	ISO MF8	●	●		1.120.1
9	Ø 10 ÷ 25	ASV..	Magnetic reed switch T groove	-	●	●		1.110.10
		MK..	ATEX magnetic reed switch T groove	2014/34/UE	●	●		1.113.1
10	Ø 10 ÷ 25	RX..	Stainless steel push-in fittings	-	●	●		5.302.1
11	Ø 10 ÷ 25	VX..C	Stainless Steel flow controls, for cylinders	-	●	●		5.372.1

Key
 ● matching accessory; - not matching accessory

Main features

10 ÷ 25



MDMX

Bores Ø

Double acting
Magnetic

Type



Technical data

Bore Ø	10	12	16	20	25
Fluid	Filtered compressed air with or without lubrication. Lubrication, if started, must be continued.				
Pressure range	1 ÷ 10 bar				
Temperature range	-20°C ÷ +80°C (standard)		-20°C ÷ +150°C (V)		
Strokes	10 ÷ 1000 mm				
Ports	M5			1/8"	
Rod thread	M4	M6	M8	M10x1,25	

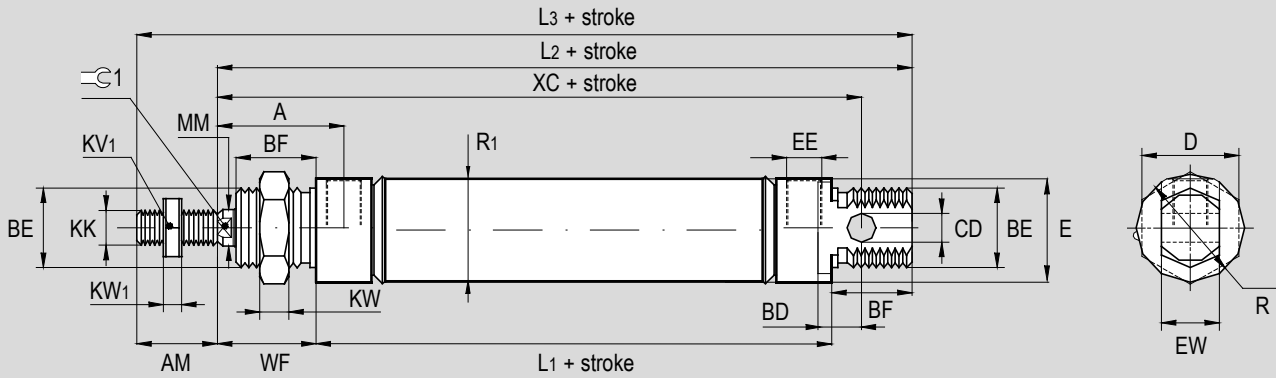
Standard strokes

Stroke mm	MDMX Bore Ø mm				
	10	12	16	20	25
10					
25					
50					
80					
100					
125					
160					
200					
250					
320					
400					
500					

Key
 Standard stroke

Standard dimensions

Type: **MDMX**

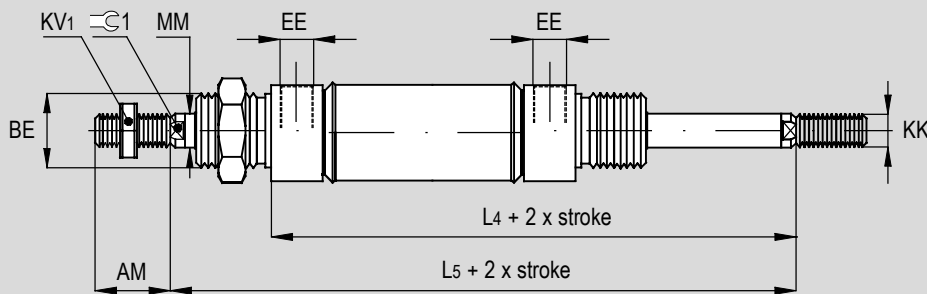


∅ (mm)	KK	MM	BE	R	EW	R ₁	E	CD	AM	XC	L ₂
10	M4x0,7	4	M12x1,25	16	-	11,27	15	4	12	64	74
12	M6	5	M16x1,5	19	12	13,27	18	6	16	75	88
16	M6	6	M16x1,5	20	12	17,27	19	6	16	82	96
20	M8	8	M22x1,5	27	16	21,27	25,5	8	20	95	111
25	M10x1,25	10	M22x1,5	30	16	26,5	28	8	22	104	118

∅ (mm)	L ₁	WF	BF	A	BD	⊕1	EE	L ₃	D	KW	KW ₁	KV
10	46	16	12	21	6	-	M5	86	15	-	-	-
12	48	22	18	27	9	-	M5	104	18	-	-	-
16	56	22	18	27	9	5	M5	112	24	6	3	10
20	67	24	20	32	12	7	G1/8"	131	27	8	4	13
25	67	29	22	37	12	9	G1/8"	140	27	8	5	17

Dimensions with options

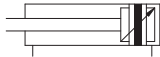
Type: **...P**



∅ mm	L ₄	L ₅	EE	BE	KK	⊕1	KV ₁	MM	AM
10	74	78	M5	M12x1,25	M4x0,7	-	-	4	12
12	74	78	M5	M16x1,5	M6	-	-	5	16
16	74,5	96,5	M5	M16x1,5	M6	5	10	6	16
20	92	116	G1/8"	M22x1,5	M8	7	13	8	20
25	97	125	G1/8"	M22x1,5	M10x1,25	9	17	10	22

Main features

20 ÷ 25



MDMAX

Bores Ø

Double acting
Magnetic
With cushionings

Type



Technical data

Bore Ø	20	25
Fluid	Filtered compressed air with or without lubrication. Lubrication, if started, must be continued.	
Pressure range	1 ÷ 10 bar	
Temperature range	-20°C ÷ +80°C (standard)	-20°C ÷ +150°C (V)
Strokes	25 ÷ 1000 mm	
Ports	1/8"	
Rod thread	M8	M10x1,25
Cushion length	17 mm	20 mm

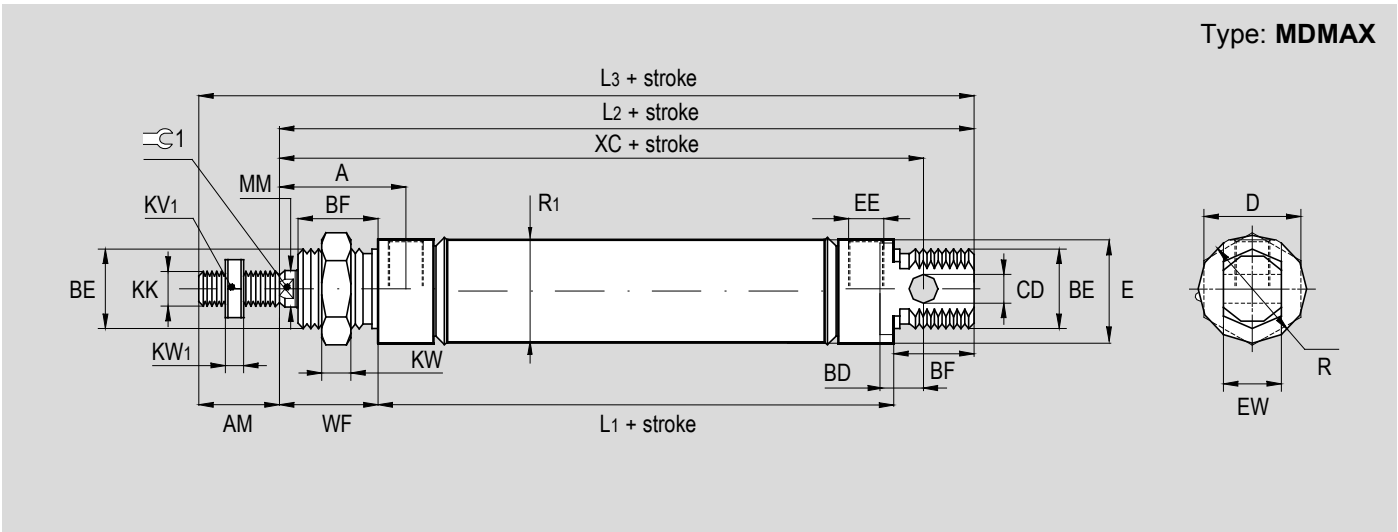
Standard strokes

Stroke mm	MDMAX Bore Ø mm	
	20	25
25		
50		
80		
100		
125		
160		
200		
250		
320		
400		
500		

Key
 Standard stroke

Standard dimensions

Type: **MDMAX**

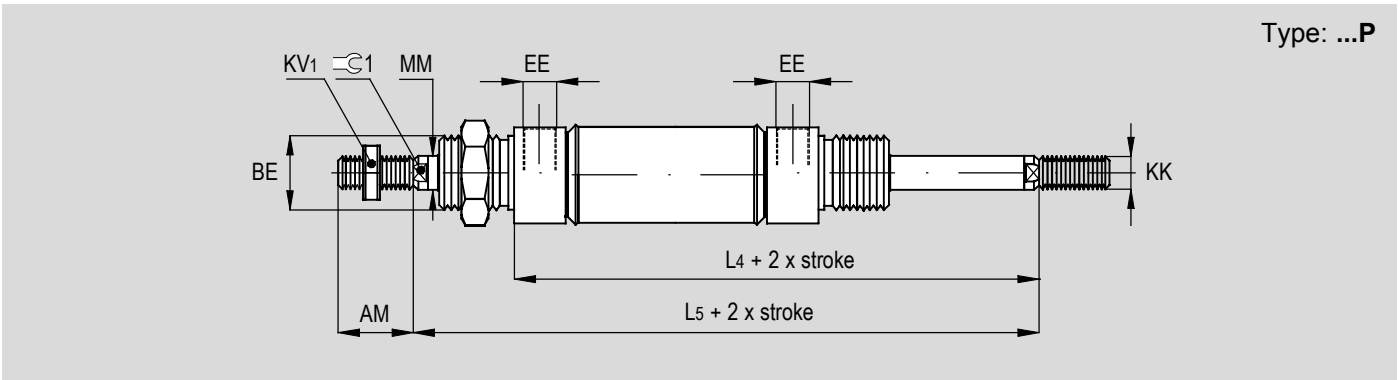


∅ (mm)	KK	MM	BE	R	EW	R ₁	E	CD	AM	XC	L ₂
20	M8	8	M22x1,5	27	16	21,27	25,5	8	20	95	111
25	M10x1,25	10	M22x1,5	30	16	26,5	28	8	22	104	118

∅ (mm)	L ₁	WF	BF	A	BD	⌀1	EE	L ₃	D	KW	KW ₁	KV
20	67	24	20	32	12	7	G1/8"	131	27	8	4	13
25	67	29	22	37	12	9	G1/8"	140	27	8	5	17



Dimensions with options

Type: **...P**





∅ mm	L ₄	L ₅	EE	BE	KK	⌀1	KV ₁	MM	AM
20	92	116	G1/8"	M22x1,5	M8	7	13	8	20
25	97	125	G1/8"	M22x1,5	M10x1,25	9	17	10	22


Stainless Steel female clevis with pin and seeger FFX..ISO

	For cylinder Ø mm	Code	Item	Compliance
	10	041052	FFX04ISO/DIN	
	12-16	041053	FFX06ISO/DIN	
	20	041054	FFX08ISO	
	25	041055	FFX10ISO	


Stainless Steel bearing heads (DIN 648K) RFX..SE

	For cylinder Ø mm	Code	Item	Compliance
	10	041576	RFX5SE	
	12-16	041570	RFX6SE	
	20	041577	RFX8SE	
	25	040009	RFX10SE	



Stainless Steel self-aligning articulated coupling GBX..

	For cylinder Ø mm	Code	Item	Compliance
	10	041734	GBX008	-
	12-16	041735	GBX010	
	20	041736	GBX020	
	25	041737	GBX040	



Stainless Steel self-aligning coupling GCX..

	For cylinder Ø mm	Code	Item	Compliance
	25	041728	GCXM10x1,25	-

Stainless Steel rear clevis with pin and seeger CFX..

	For cylinder Ø mm	Code	Item	Compliance
	12-16	040046	CFX12-16	
	20-25	040047	CFX20-25	



Stainless Steel high foot PX..

	For cylinder Ø mm	Code	Item	Compliance
	12-16	040026	PX12-16	
	20-25	040027	PX20-25	

Kit composed by rear clevis, pin and two seeger.


Supplied individually.

Stainless Steel flange FX..




	For cylinder Ø mm	Code	Item	Compliance
	12-16	040006	FX12-16	
	20-25	040007	FX20-25	

Supplied individually.

Bracket for magnetic reed switch T groove AFM..




	For cylinder Ø mm	Code	Item	Compliance
	10	072902	AFM10	-
	12	072903	AFM12	
	16	072904	AFM16	
	20	072905	AFM20	
	25	072906	AFM25	

Magnetic reed switch T groove ASV..

	For cylinder Ø mm	Code	Item	Cylinder matching
	10 ÷ 25	070946 	ASV1C525	MDMX* MDMAX*
		071863	ASV1C550	
		071864	ASV1C51K	
		071189	ASV1C5M8	
		073639	ASV4D225	
		070246 	ASV4D2M8	
		074900	ASV7N225	
		070247	ASV7N2M8	
		070372	ASV7M2M8	
		072918	ASV1H525	

*With bracket type AFM.. for magnetic reed switches T groove

ATEX magnetic reed switch T groove MK..

	For cylinder Ø mm	Code	Item	Compliance	Cylinder matching
	10 ÷ 25	071120	MK500A		MDMX* MDMAX*
		071108	MK502A		

*With bracket type AFM.. for magnetic reed switches T groove

STAINLESS STEEL

cylinders ISO 15552



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Series of Stainless Steel AISI 316L cylinders conforming to ISO 15552 standards in bores from Ø 32 to 200, double acting, magnetic. Supplied as standard in compliance to Reach and RoHS directives, and SIL certified. Lubrication with synthetic grease long lasting, for applications with low start up, granting low friction and a permanent lubrication film. Fully composed by non-toxic elements conforming to FDA Directive section 21 CFR 178 about accidental contact with food (registered NSF H1). On request, can be also supplied according to the 2014/34/EU ATEX Directive.

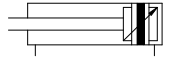


Type AMX Ø 32 ÷ 200

from page 5.5.20



Stainless Steel AISI 316L Cylinders ISO 15552, available in bores from Ø 32 to 200, double acting magnetic with adjustable cushioning, made with round tube and tie-rods. Rod seal in special polyurethane developed for chemical and food&beverage. The design is modern and clean, with care for the details. Particular attention was addressed to the end caps design, infacts no external casting cavities are present, thus avoid contamination traps. In order to easy and fast replace the rod seal for standard maintenance, nose was designed demountable.



Options		
Description	Symbol	Suffix
Through rod		P
FKM seals	-20°C ÷ +150°C	V
FKM rod seal	-20°C ÷ +80°C	V1
Low temperature seals	-40°C ÷ +80°C	BT
Tandem forward movement piston rods coupled together		TA1
Tandem forward movement piston rods independent		TA2
Tandem back to back		TA3
Tandem front to front		TA4
Extended rod (indicate the requested WH dimension in mm, E.g.: WH=100; for further information please contact the sales department)		WH=..
Without adjustable cushionings		D
Adjustable rear cushioning only		D1
Adjustable front cushioning only		D2
Special male thread (indicate the requested thread. E.g.: R-M 10x1,5; the dimension AM of the special thread will be the same as the standard; cylinder will be supplied without rod nut; for further information please contact the sales department)		R-M..
Female thread		F
With bellow for protection of the rod (in this case the dimension WH should be extended according the stroke of the cylinder; for further information please contact the sales department)		Z
NBR seals	-20°C ÷ +80°C	H
NBR rod seal	-20°C ÷ +80°C	H1
ATEX versions on request		/ATEX
Special versions on request		/S

The options, when this is possible, can be combined with each other. For options matching see from page 5.5.4; For code key see from page 5.5.6.

Options matching

Series	Bore	Model	Standard options matching							
			P	V	V1	BT	TA1	TA2	TA3	TA4
AMX	Ø 32 ÷ 200	Standard	●	●	●	●	●	●	●	●
		Through rod (P)		●	●	●	-	-	-	-
		Female thread (F)	● ⁽⁴⁾	●	●	●	●	●	●	-
		Bellow (Z)	-	●	-	●	-	-	-	-

Key

● allowed matching; - not allowed matching

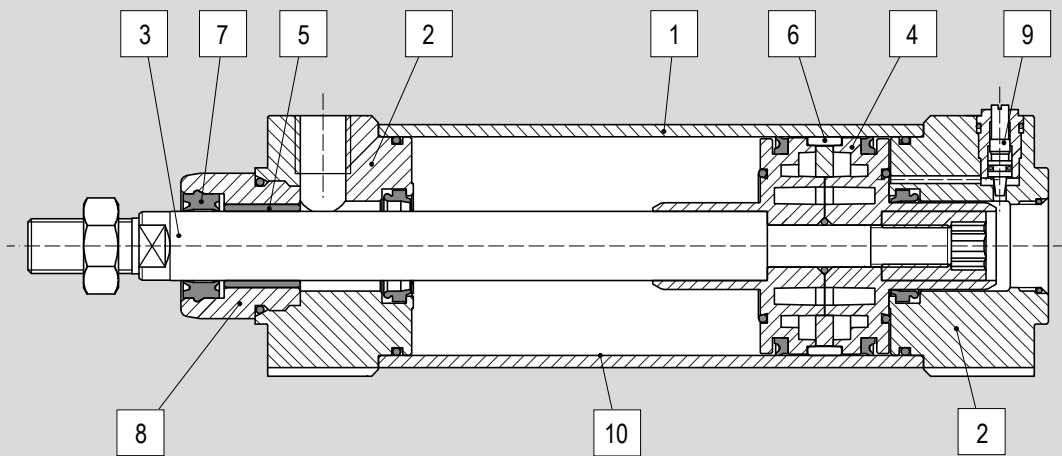
Options matching - note

- (1) Option **WH=.** require to indicate the desired dimension in mm, whereas for some combinations the option **WH=.** should be required or optional. For further information please contact the sales department. If you choose the female thread (option **F**), please indicate the dimension **WF=.** and then the actual desired dimension.
- (2) Option **R-M.** require to indicate the desired thread. For further information please contact the sales department.
- (3) For some bore and strokes, with bellow option (**Z**) could be necessary the extended rod option (**WH=.**), or the **WH=.** as an option can be different according to customer choiche. For further information please contact the sales department.
- (4) With through rod (option **P**) the option female thread (**F**) and the option special male thread (**R-M.**) are applied on both sides of the rod. While the option extended rod (**WH=.**) is applied only to one side at the rod.

Standard options matching

WH=.. ⁽¹⁾	D	D1	D2	R-M.. ⁽²⁾	F	Z ⁽³⁾	H	H1	/ATEX
•	•	•	•	•	•	•	•	•	•
• ⁽⁴⁾	•	•	-	• ⁽⁴⁾	• ⁽⁴⁾	-	•	•	•
•	•	•	•	-		•	•	•	•
• ⁽³⁾	•	•	•	•	•		•	•	•

Standard materials

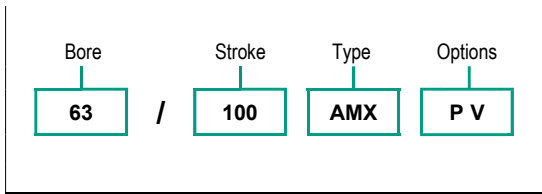


Position	Description	Material	
		Ø 32 ÷ 125	Ø 160 ÷ 200
1	Tube	Stainless Steel AISI 316 L	Stainless Steel AISI 304
2	Heads	Stainless Steel AISI 316 L	
3	Rod	Lapped Stainless Steel AISI 316 L	
4	Piston	Die-cast aluminium	
5	Bushing	Self-lubricating sintered bronze	
6	Guide ring	Natural acetalic resin	
7	Rod seal	Special polyurethane	
8	Disassembling nose	Stainless Steel AISI 316 L	
9	Cushioning screw assembly	Stainless Steel AISI 316 L	
10	Tie-rods	Stainless Steel AISI 316 L	
-	Other seals	NBR / Polyurethane (PU)	

Code key

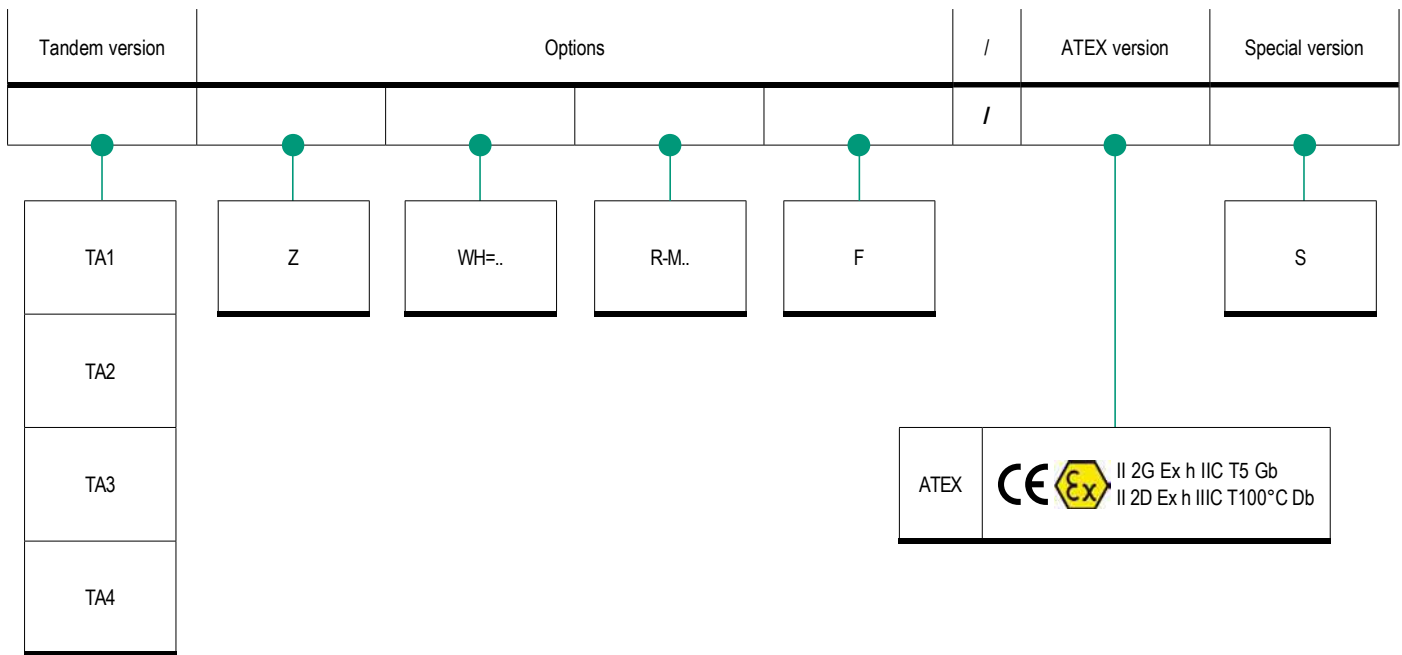
Bore	/	Stroke	Type	Options		
63	/	100	AMX	P	V	
Ø 32, 40, 50, 63, 80, 100, 125, 160, 200		10 mm ÷ 2500 mm	AMX Double acting Magnetic	P	V V1 BT H H1	D D1 D2

How to order



Notes

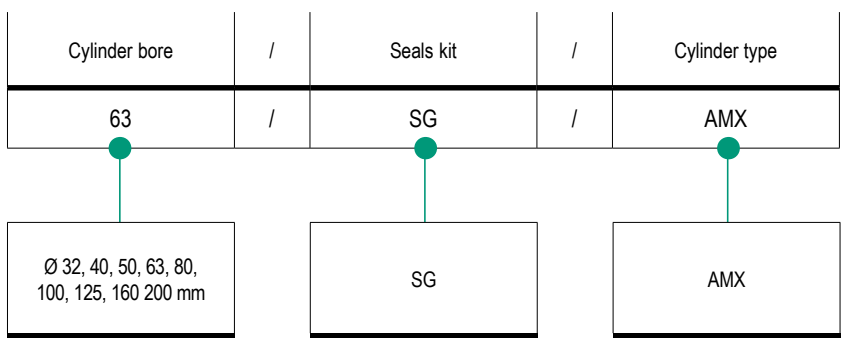
For standard materials see the table at page 5.5.5
 Options in the same grid are alternative to each others.
 For further information on options and their matching, see page 5.5.3 and 5.5.4
 For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1



Standard* seal kit

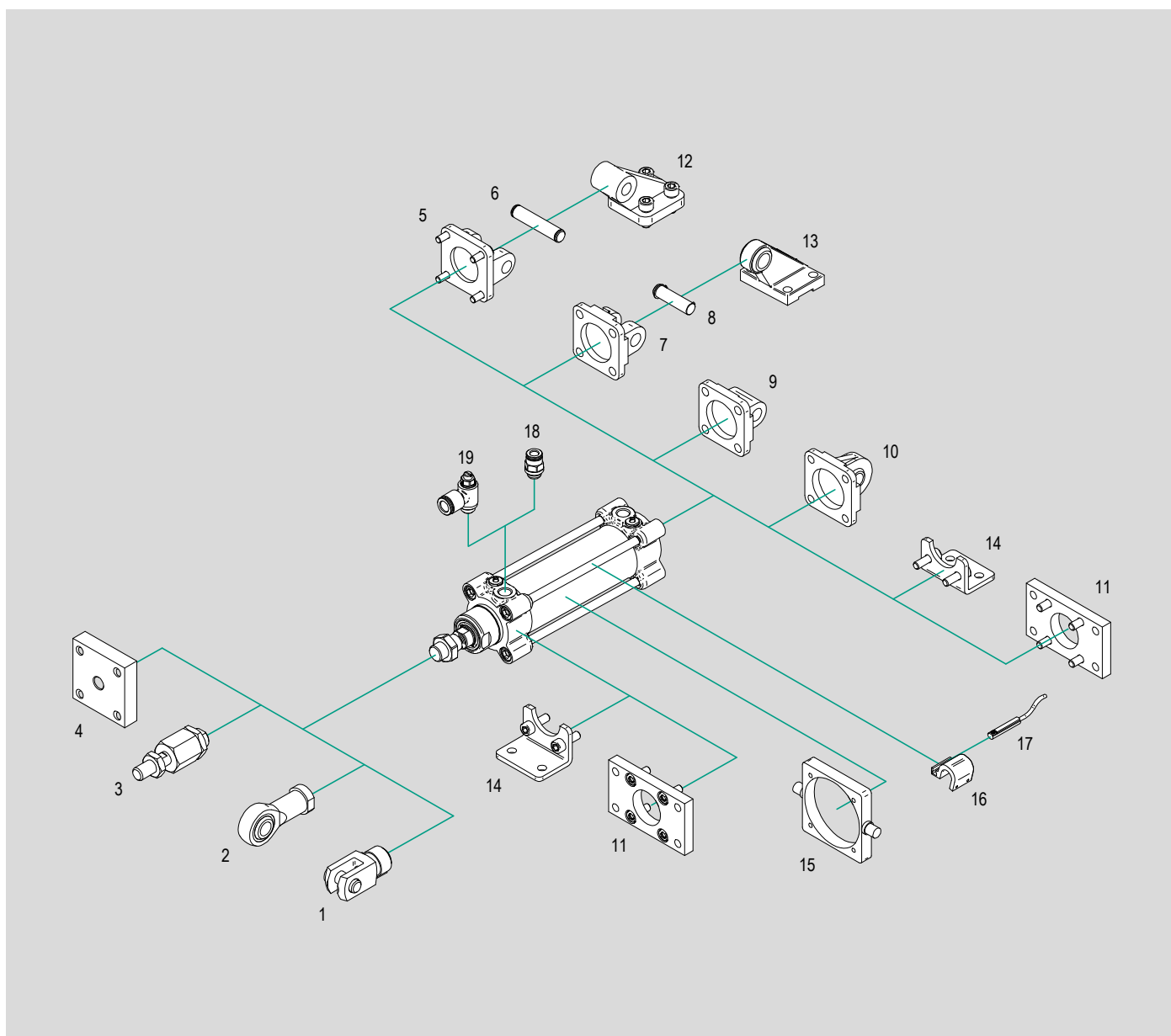
Number of components	Description
n. 1	Rod seal
n. 2	Cushioning seal
n. 2	Piston seal
n. 1	Nose seal
n. 1	Plug seal
n. 1	Linear rubber ring for piston (damper)
n. 2	Tube-head O-ring
n. 1	Piston guiding ring
n. 4	Adjustment screw O-ring
n. 1	Semipiston O-ring

Standard seal kit code key



*For cylinders with options P, H, H1, V, V1 and BT, the kit include further components.

Accessories



N.	Cylinder bore	Item	Description	Compliance	Matching	Code key page	Data sheet page
					AMX		
1	Ø 32 ÷ 200	FFX..ISO	Stainless Steel ISO female clevis with pin and seeger	ISO 8140	●	5.5.90	5.52.1
2	Ø 32 ÷ 200	RFX..SE	Stainless Steel bearing heads (DIN 648K) with female thread	ISO 8139	●		5.54.1
3	Ø 32 ÷ 125	GBX..	Stainless Steel self-aligning articulated coupling	-	●		5.55.1
4	Ø 32 ÷ 200	GCX..	Stainless Steel self-aligning coupling	-	●		5.57.1
5	Ø 32 ÷ 200	CFX..AQIS	Stainless Steel rear clevis	ISO MP2	●		5.75.1
6	Ø 32 ÷ 200	SECX..AQIS	Stainless Steel pin with seeger	ISO AA4	●	5.5.91	5.75.5
7	Ø 32 ÷ 125	CFSX..AQIS	Stainless Steel narrow rear clevis (for DIN 648K bearing)	ISO AB6	●	5.5.90	5.75.1
8	Ø 32 ÷ 125	SECX..ARAQIS	Stainless Steel anti-rotating pin with seeger	ISO AA6	●	5.5.91	5.75.5
9	Ø 32 ÷ 200	CMX..AQIS	Stainless Steel rear eye	ISO MP4	●	5.5.90	5.75.2
10	Ø 32 ÷ 125	CMSX..AQIS	Stainless Steel narrow rear eye with DIN 648K bearing	ISO MP6	●		5.75.2
11	Ø 32 ÷ 200	FLVX..AQIS	Stainless Steel flange	ISO VDMA MF1-MF2	●	5.5.91	5.75.4
12	Ø 32 ÷ 125	ASVX..AQIS	Stainless Steel rear 90° hinge	ISO AB7 CETOP RP 107P	●		5.75.3
13	Ø 32 ÷ 125	ASSX..AQIS	Stainless Steel rear 90° hinge with DIN 648K spherical bearing	ISO CS7	●		5.75.3
14	Ø 32 ÷ 200	PBX..	Stainless Steel low foot	ISO MS1	●		5.75.4
15	Ø 32 ÷ 200	CTX..	Stainless Steel center trunnion	-	●		5.75.6
16	Ø 32 ÷ 200	AS..	Bracket for magnetic reed switch T groove	-	●	5.5.92	1.120.3
			Bracket for high temperature magnetic reed switch				1.120.4
17	Ø 32 ÷ 200	ASV..	Magnetic reed switch T groove	2014/34/UE	●		1.110.10
		MK..	ATEX magnetic reed switch T groove				1.113.1
		ASH..	Hi-temperatures magnetic reed switch				1.111.1
18	Ø 32 ÷ 200	RX	Stainless steel push-in fittings	-	●	5.302.1	
19	Ø 32 ÷ 200	VX..C	Stainless Steel flow controls, for cylinders	-	●	5.372.1	

Key

● matching accessory; - not matching accessory

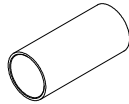
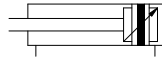
Stainless Steel Cylinders ISO 15552

Series AMX



Main features

32 ÷ 200



AMX

Bores Ø

Double acting
Magnetic
With cushionings

Tube profile

Type



Technical data

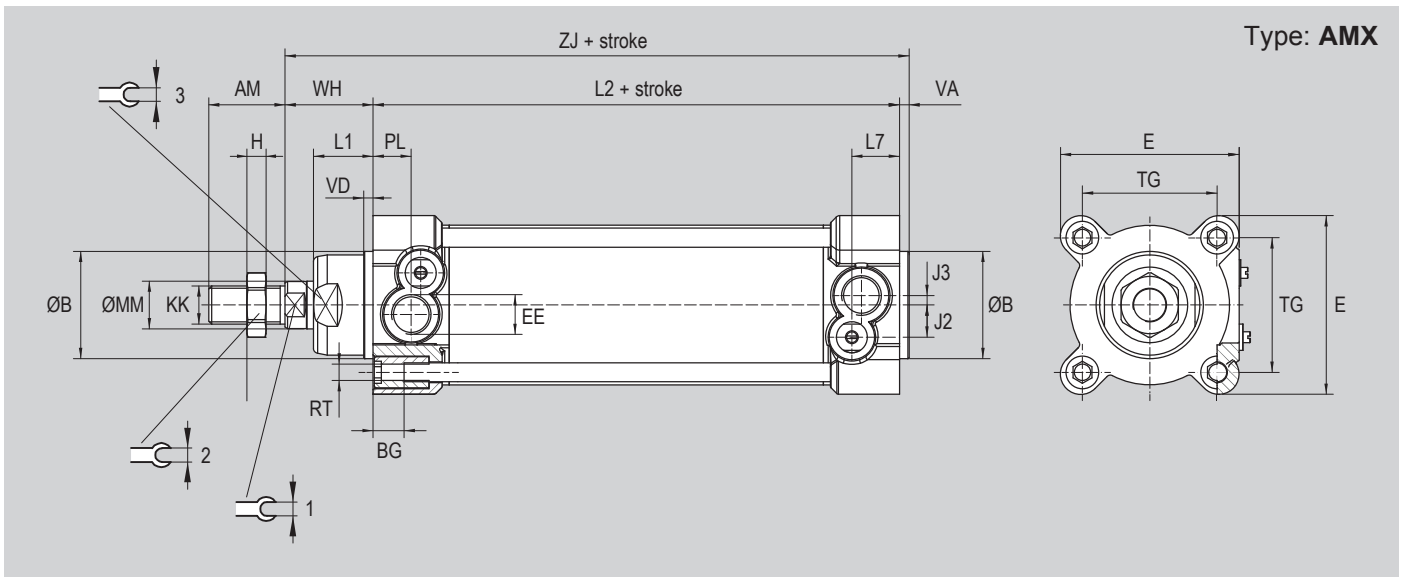
Bore Ø	32	40	50	63	80	100	125	160	200	
Fluid	Filtered compressed air with or without lubrication. Lubrication, if started, must be continued.									
Pressure range	0,5 ÷ 10 bar									
Temperature range	-20°C ÷ +80°C (standard / V1)			-20°C ÷ +150°C (V)			-40°C ÷ +80°C (BT)			
Strokes	10 ÷ 2500 mm									
Cushion length	20	22	25		35			48		
Ports	1/8"	1/4"		3/8"			1/2"		3/4"	
Rod thread	M10x1,25	M12x1,25	M16x1,5		M20x1,5			M27x2	M36x2	
Weight (g.)	Stroke zero	860	1.350	2.290	2.940	4.960	7.030	12.730	24.780	31.320
	Additional 10 mm	27	35	61	66	106	116	214	331	478

Standard strokes

Stroke mm	AMX Bore Ø mm								
	32	40	50	63	80	100	125	160	200
10									
25									
50									
80									
100									
125									
150									
160									
200									
250									
300									
320									
400									
450									
500									

Key
 Standard stroke

Standard dimensions

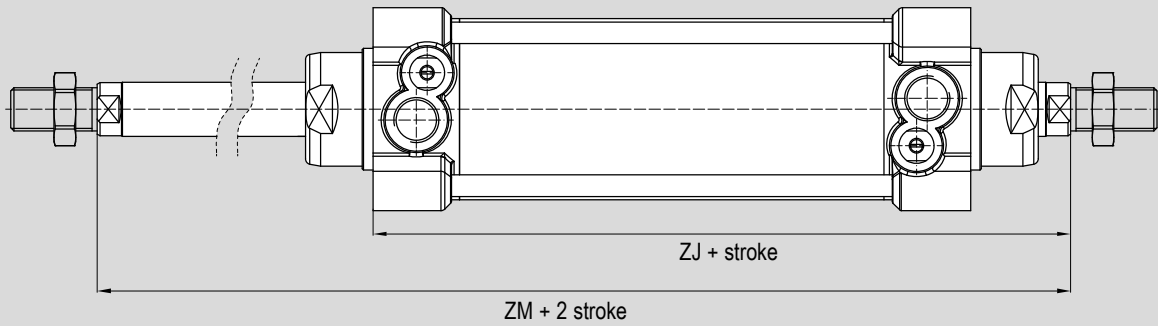


Ø (mm)	AM	B Ø d11	BG	E	EE	J2	J3	KK	L1	L2	H
32	22	30	15	47	G1/8"	6	5	M10x1,25	20	94	8
40	24	35	15	52	G1/4"	7,5	5	M12x1,25	22	105	6
50	32	40	16	65	G1/4"	9,5	7,5	M16x1,5	26	106	8
63	32	45	16	75	G3/8"	13,5	4	M16x1,5	25	121	8
80	40	45	17	95	G3/8"	13,5	6	M20x1,5	32	128	10
100	40	55	17	115	G1/2"	15	6	M20x1,5	38	138	10
125	54	60	21	140	G1/2"	17	8	M27x2	40	160	14
160	72	65	24	180	G3/4"	17	15	M36x2	50	180	14
200	72	75	24	220	G3/4"	17	15	M36x2	65	180	14

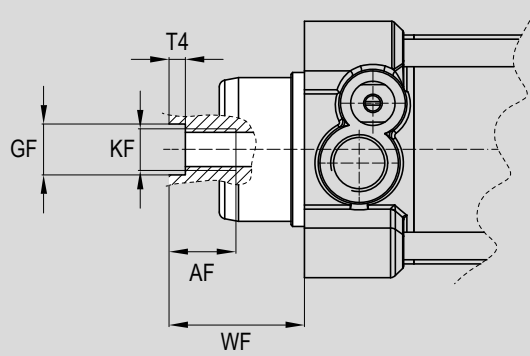
Ø (mm)	L7	MM Ø f7	PL	RT	TG	VA	VD	WH	ZJ	⊕ 1	⊕ 2	⊕ 3
32	17,5	12	10	M6	32,5	4	4	26	124	10	17	27
40	21,5	16	15	M6	38	4	4	30	139	13	19	32
50	20	20	15	M8	46,5	4	4	37	147	17	24	36
63	20	20	16	M8	56,5	4	4	37	162	17	24	38
80	27	25	20	M10	72	4	4	46	178	22	30	42
100	28,5	25	23,5	M10	89	4	4	51	193	22	30	50
125	31,5	32	23,5	M12	110	5	5	65	230	27	41	52
160	33	40	27,5	M16	140	6	8	80	266	36	55	60
200	35	40	27	M16	175	6	8	95	281	36	55	70

Dimensions with options

Type: ...P



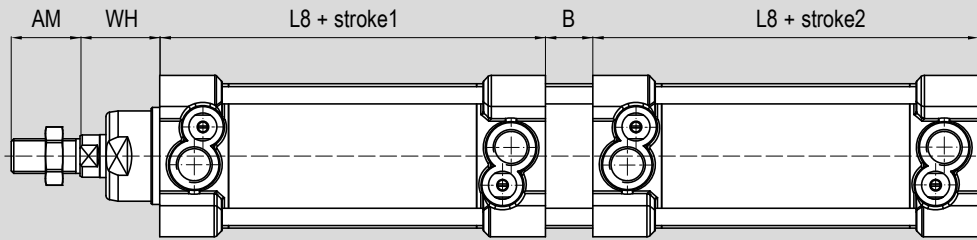
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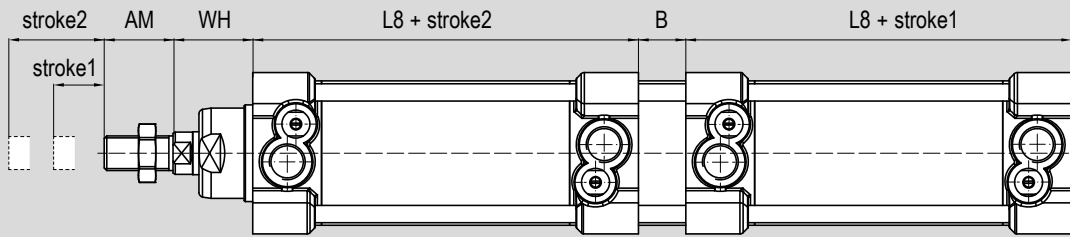
Ø mm	AF	KF	T4	WF	GF	ZJ	ZM
32	12	M6	2,6	26	8	120	146
40	12	M8	3,3	30	10	135	165
50	16	M10	4,7	37	12	143	180
63	16	M10	4,7	37	12	158	195
80	20	M12	6,1	46	14	174	220
100	20	M12	6,1	51	14	189	240
125	32	M16	8	65	18	225	290
160	36	M20	10	80	22	260	340
200	36	M20	10	95	22	275	370

Dimensions tandem versions

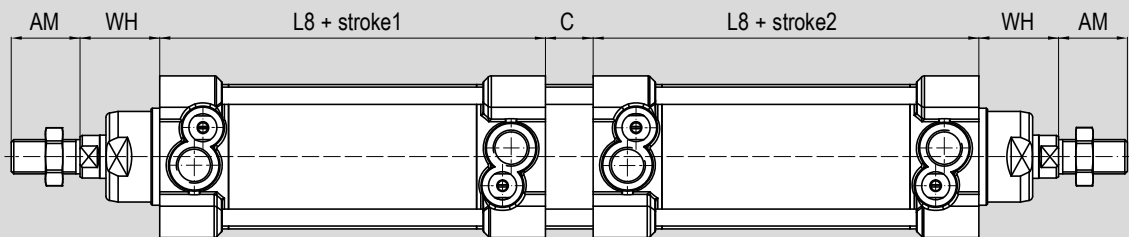
Type: ...TA1



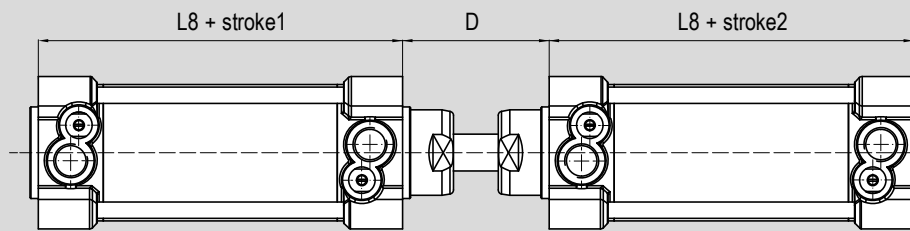
Type: ...TA2



Type: ...TA3




Type: ...TA4




Ø mm	AM	B	C	D	L8	WH
32	22	40	12	48	94	26
40	24	44	12	54	105	30
50	32	52	16	69	106	37
63	32	50	16	69	121	37
80	40	64	20	86	128	46
100	40	76	20	91	138	51
125	54	80	35	120	160	65
160	72	100	50	152	180	80
200	72	130	50	167	180	95


Stainless Steel female clevis with pin and seeger FFX..ISO

	For cylinder Ø mm	Code	Item	Compliance
	32	041055	FFX10ISO	
40	041056	FFX12ISO		
50-63	041057	FFX16ISO		
80-100	041058	FFX20ISO		
125	041112	FFX27ISO		
160-200	041113	FFX36ISO		


Stainless Steel bearing heads (DIN 648K) RFX..SE

	For cylinder Ø mm	Code	Item	Compliance
	32	040009	RFX10SE	
40	041578	RFX12SE		
50-63	040011	RFX16SE		
80-100	041579	RFX20SE		
125	041580	RFX30SE		
160-200	041581	RFX35SE		


Stainless Steel self-aligning articulated coupling GBX..

	For cylinder Ø mm	Code	Item	Compliance
	32	041737	GBX040	-
40	041738	GBX060		
50-63	041739	GBX100		
80-100	041721	GBX120		
125	041740	GBX130		


Stainless Steel self-aligning coupling GCX..

	For cylinder Ø mm	Code	Item	Compliance
	32	041728	GCXM10x1,25	-
40	041729	GCXM12x1,25		
50-63	041730	GCXM16x1,5		
80-100	041731	GCXM20x1,5		
125	041732	GCXM27x2		
160-200	041733	GCXM36x2		

Stainless Steel rear clevis CFX..AQIS


	For cylinder Ø mm	Code	Item	Compliance
	32	040012	CFX032AQIS	
40	040830	CFX040AQIS		
50	040801	CFX050AQIS		
63	040014	CFX063AQIS		
80	040013	CFX080AQIS		
100	040838	CFX100AQIS		
125	040005	CFX125AQIS		
160	040797	CFX160AQIS		
200	040798	CFX200AQIS		

Stainless Steel rear eye CMX..AQIS


	For cylinder Ø mm	Code	Item	Compliance
	32	040805	CMX032AQIS	
40	040806	CMX040AQIS		
50	040802	CMX050AQIS		
63	040808	CMX063AQIS		
80	040016	CMX080AQIS		
100	040799	CMX100AQIS		
125	040008	CMX125AQIS		
160	040800	CMX160AQIS		
200	040804	CMX200AQIS		

Stainless Steel pin type SECX..AQIS to be ordered separately, see page 5.5.91

Stainless Steel narrow rear clevis (for DIN 648K bearing) CFSX..AQIS


	For cylinder Ø mm	Code	Item	Compliance
	32	040821	CFSX032AQIS	
40	040822	CFSX040AQIS		
50	040823	CFSX050AQIS		
63	040824	CFSX063AQIS		
80	040825	CFSX080AQIS		
100	040826	CFSX100AQIS		
125	040833	CFSX125AQIS		

Stainless Steel narrow rear eye with DIN 648K bearing CMSX..AQIS


	For cylinder Ø mm	Code	Item	Compliance
	32	040834	CMSX032AQIS	
40	040835	CMSX040AQIS		
50	040836	CMSX050AQIS		
63	040010	CMSX063AQIS		
80	040837	CMSX080AQIS		
100	040848	CMSX100AQIS		
125	040849	CMSX125AQIS		

Stainless Steel pin type SECX..ARAQIS to be ordered separately, see page 5.5.91


Stainless Steel rear 90° hinge ASVX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040809	ASVX032AQIS	
	40	040810	ASVX040AQIS	
	50	040812	ASVX050AQIS	
	63	040813	ASVX063AQIS	
	80	040814	ASVX080AQIS	
	100	040815	ASVX100AQIS	
	125	040816	ASVX125AQIS	

Stainless Steel rear 90°hinge with DIN 648K spherical bearing ASSX..AQIS


	For cylinder Ø mm	Code	Item	Compliance
	32	040850	ASSX032AQIS	
	40	040851	ASSX040AQIS	
	50	040852	ASSX050AQIS	
	63	040853	ASSX063AQIS	
	80	040854	ASSX080AQIS	
	100	040855	ASSX100AQIS	
	125	040856	ASSX125AQIS	

Stainless Steel low foot* PBX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040872	PBX032AQIS	
	40	040873	PBX040AQIS	
	50	040874	PBX050AQIS	
	63	040875	PBX063AQIS	
	80	040876	PBX080AQIS	
	100	040877	PBX100AQIS	
	125	040878	PBX125AQIS	
	160	040879	PBX160AQIS	
	200	040880	PBX200AQIS	


*Supplied individually

Stainless Steel flange FLVX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040864	FLVX032AQIS	
	40	040865	FLVX040AQIS	
	50	040840	FLVX050AQIS	
	63	040866	FLVX063AQIS	
	80	040867	FLVX080AQIS	
	100	040868	FLVX100AQIS	
	125	040869	FLVX125AQIS	
	160	040870	FLVX160AQIS	
	200	040871	FLVX200AQIS	


Stainless Steel flat head allen screw type VBTRX to be ordered separately, see page 5.79.1

Stainless Steel adjustable center trunnion CTX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040881	CTX032AQIS	
	40	040882	CTX040AQIS	
	50	040883	CTX050AQIS	
	63	040884	CTX063AQIS	
	80	040885	CTX080AQIS	
	100	040550	CTX100AQIS	
	125	040886	CTX125AQIS	
	160	040887	CTX160AQIS	
	200	040888	CTX200AQIS	


*For trunnion mounted on the cylinder, please order together with the cylinder. Grains to be ordered separately, see page 5.79.1

Stainless Steel pin with seeger* SECX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040829	SECX032AQIS	
	40	040831	SECX040AQIS	
	50	040811	SECX050AQIS	
	63	040832	SECX063AQIS	
	80	040015	SECX080AQIS	
	100	040839	SECX100AQIS	
	125	040818	SECX125AQIS	
	160	040819	SECX160AQIS	
	200	040820	SECX200AQIS	


*Supplied with 2 seeger

Stainless Steel anti-rotating pin with seeger* SECX..ARAQIS


	For cylinder Ø mm	Code	Item	Compliance
	32	040857	SECX032ARAQIS	
	40	040858	SECX040ARAQIS	
	50	040859	SECX050ARAQIS	
	63	040860	SECX063ARAQIS	
	80	040861	SECX080ARAQIS	
	100	040862	SECX100ARAQIS	
	125	040863	SECX200ARAQIS	

*Supplied with 1 seeger




Bracket AS.. for magnetic reed switches T groove

	For cylinder Ø mm	Code	Item	Cylinder matching
	32 ÷ 40	072912	AS105	AMX
	50 ÷ 100	072913	AS106	
	125	072909	AS102	
	160 ÷ 200	072910	AS103	




Bracket AS.. for high-temperatures magnetic reed switches

	For cylinder Ø mm	Code	Item	Cylinder matching
	32 ÷ 40	074041	AS117	AMX
	50 ÷ 63	074043	AS118	
	80 ÷ 100	074087	AS119	
	125	074155	AS120	
	160 ÷ 200	074169	AS121	

Magnetic reed switch T groove ASV..

	For cylinder Ø mm	Code	Item	Cylinder matching
	32 ÷ 200	070946 	ASV1C525	AMX*
		071863	ASV1C550	
		071864	ASV1C51K	
		071189	ASV1C5M8	
		073639	ASV4D225	
		070246 	ASV4D2M8	
		074900	ASV7N225	
		070247	ASV7N2M8	
		070372	ASV7M2M8	
		072918	ASV1H525	


ATEX magnetic reed switch T groove MK..

	For cylinder Ø mm	Code	Item	Compliance	Cylinder matching
	32 ÷ 200	071120	MK500A		AMX*
		071108	MK502A		

*With bracket type AS.. for magnetic reed switches T groove

*With bracket type AS.. for magnetic reed switches T groove

High-temperatures magnetic reed switches ASH..

	For cylinder Ø mm	Code	Item	Cylinder matching
	32 ÷ 200	074047	ASH6C550	AMX*

*With bracket type AS.. for high-temperatures magnetic reed switches

STAINLESS STEEL

round cylinders Series RXD



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Series of Stainless Steel AISI 316L Round Cylinders in bores from Ø 32 to 63, double acting, magnetic with adjustable cushionings. Supplied as standard in compliance to Reach and RoHS directives, and SIL certified. Lubrication with synthetic grease long lasting, for applications with low start up, granting low friction and a permanent lubrication film. Fully composed by non-toxic elements conforming to FDA Directive section 21 CFR 178 about accidental contact with food (registered NSF H1). On request, can be also supplied according to the 2014/34/EU ATEX Directive.

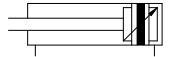


Series RXD Ø 32 ÷ 63

from page 5.11.10



Stainless Steel AISI 316L Round Cylinders, available in bores from Ø 32 to 63, double acting magnetic with adjustable cushioning, characterized by an essential design to prevent the accumulation of impurities. The cylinder body surface is smooth with no chamfers or cavities where dirt could settle. The rod seal is in special polyurethane developed for chemical and food&beverage. These features make these cylinders particularly suitable for the food&beverage, chemical, pharmaceutical and medical fields, and in general for all applications where maximum hygiene and cleaning are required, even in corrosive environments. Various configurations are possible, some of which make the cylinder with ISO dimensions.



Options		
Description	Symbol	Suffix
Through rod		P
FKM seals	-20°C ÷ +150°C	V
FKM rod seal	-20°C ÷ +80°C	V1
Low temperature seals	-40°C ÷ +80°C	BT
Extended rod (indicate the requested WH dimension in mm, E.g.: WH=100; for further information please contact the sales department)		WH=..
Without adjustable cushionings		D
Adjustable rear cushioning only		D1
Adjustable front cushioning only		D2
Special male thread (indicate the requested thread. E.g.: R-M 10x1,5; the dimension AM of the special thread will be the same as the standard; cylinder will be supplied without rod nut; for further information please contact the sales department)		R-M..
NBR rod seal	-20°C ÷ +80°C	H1
ATEX versions on request		/ATEX
Special versions on request		/S

The options, when this is possible, can be combined with each other. For options matching see from page 5.11.4; For code key see from page 5.11.6.

Options matching

Series	Bore	Type	Standard options matching			
			P	V	V1	BT
RXD	Ø 32 ÷ 63	with front threaded end cap (VA)	●	●	●	●
		with front and rear threaded end caps (VD)	-	●	●	●
		with 4 female threaded holes on rear end cap (FP)	-	●	●	●
		with ISO MP4 rear eye (CM)	-	●	●	●
		with ISO MP6 narrow rear eye (CS)	-	●	●	●
		with ISO AB6 narrow rear clevis (CF)	-	●	●	●
		with pins on front end cap (BA)	-	●	●	●
		with pins on rear end cap (BP)	-	●	●	●

Key

● matching accessory; - not matching accessory

Options matching - note

- (1) Option **WH=.** require to indicate the desired dimension in mm; for models with through rod option (**P**) the extended rod option (**WH=.**) is applied only to one side of the rod. For further information please contact the sales department.
- (2) Option **R-M.** require to indicate the desired thread; for models with through rod option (**P**) the special male thread option (**R-M.**) are applied on both sides of the rod. For further information please contact the sales department.

Standard options matching						
WH=.. ⁽¹⁾	D	D1	D2	R-M.. ⁽²⁾	H1	/ATEX
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	•

Code key

Bore	/	Stroke	Series	Type
40	/	80	RXD	VA

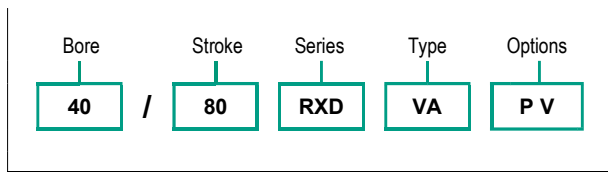
Ø 32, 40, 50, 63

10 mm ÷ 1000 mm

RXD
Double acting
Magnetic
With adjustable
cushionings

Suffix		testata anteriore	testata posteriore
VA Front threaded end cap			
VD Front and rear threaded end caps			
FP Four female threaded holes on rear end cap			
CM Rear eye	MP4		
CS Narrow rear eye	MP6		
CF Narrow rear clevis	AB6		
BA Pins on front end cap			
BP Pins on rear end cap			

How to order



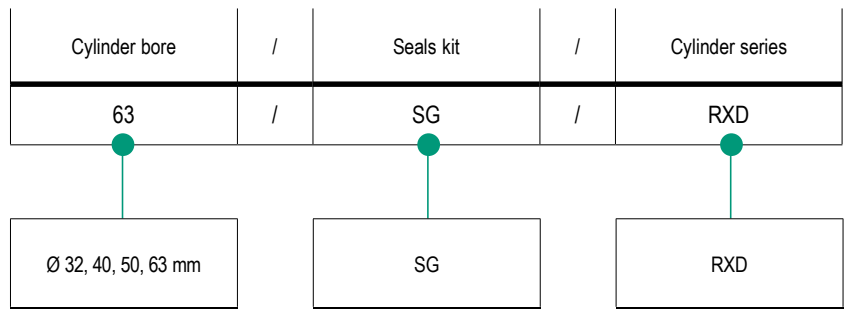
Notes

For standard materials see the side table. Options in the same grid are alternative to each others.
For further information on options and their matching, see page 5.11.3 and 5.11.4
For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1
(1) Available for type RXDVA only

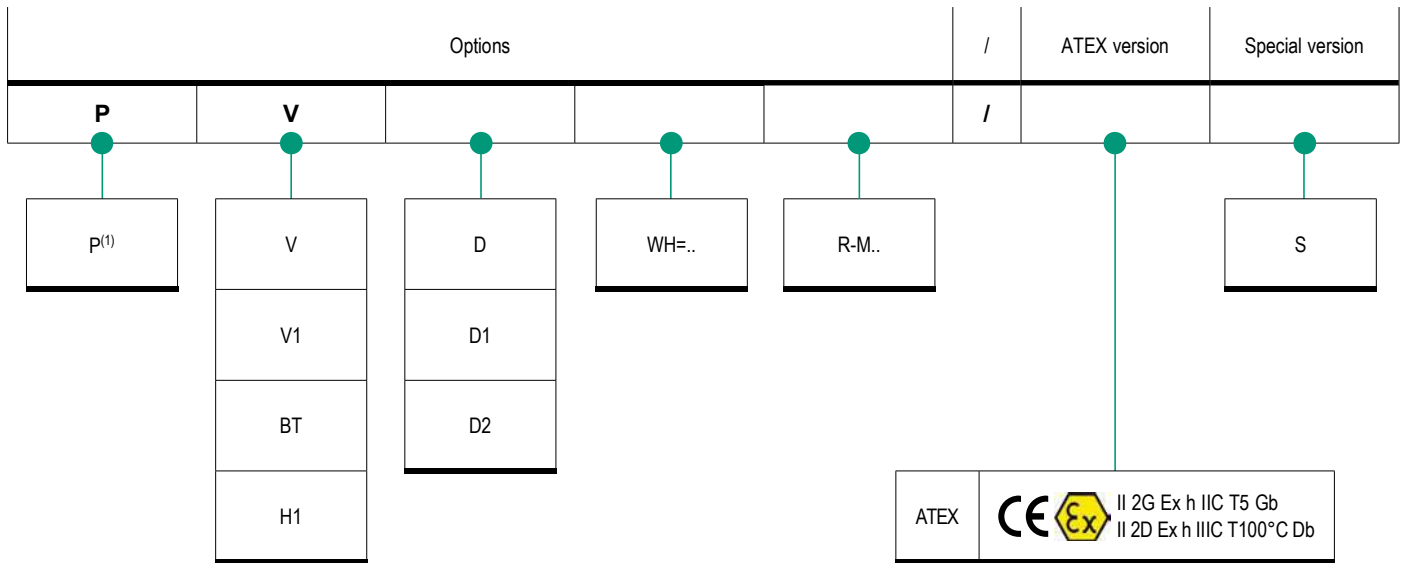
Standard* seal kit

Number of components	Description
n. 1	Rod seal
n. 2	Cushioning seal
n. 2	Piston seal
n. 1	Nose seal
n. 2	Linear rubber ring for piston (damper)
n. 2	Tube O-ring
n. 1	Piston guiding ring
n. 4	Adjustment screw O-ring
n. 1	Semipiston O-ring

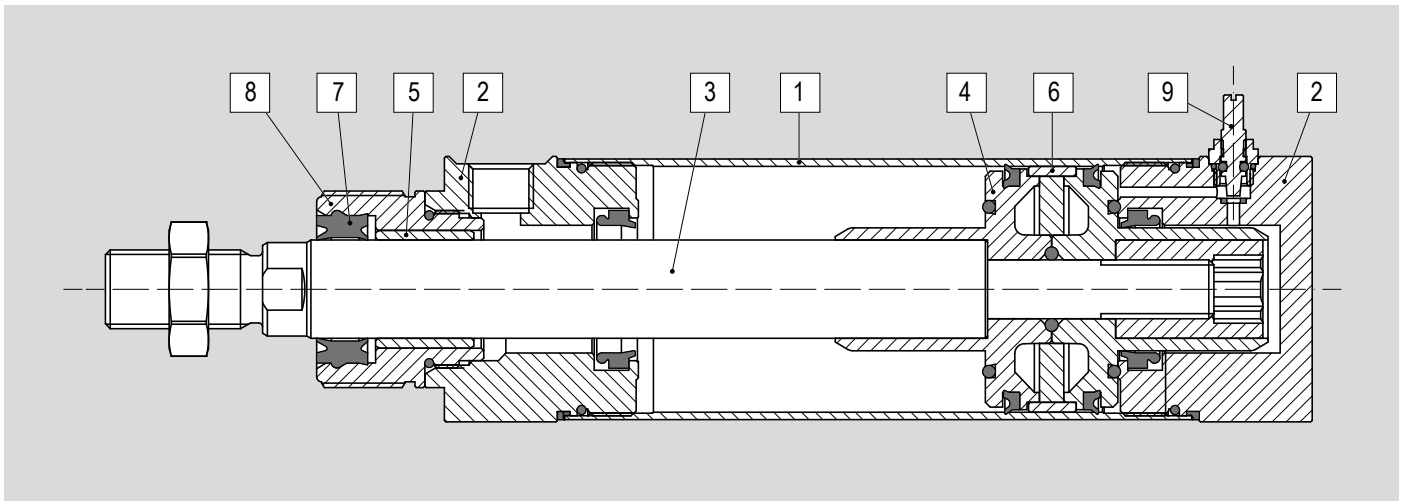
Standard seal kit code key



*For cylinders with options P, H1, V, V1 and BT, the kit include further components.

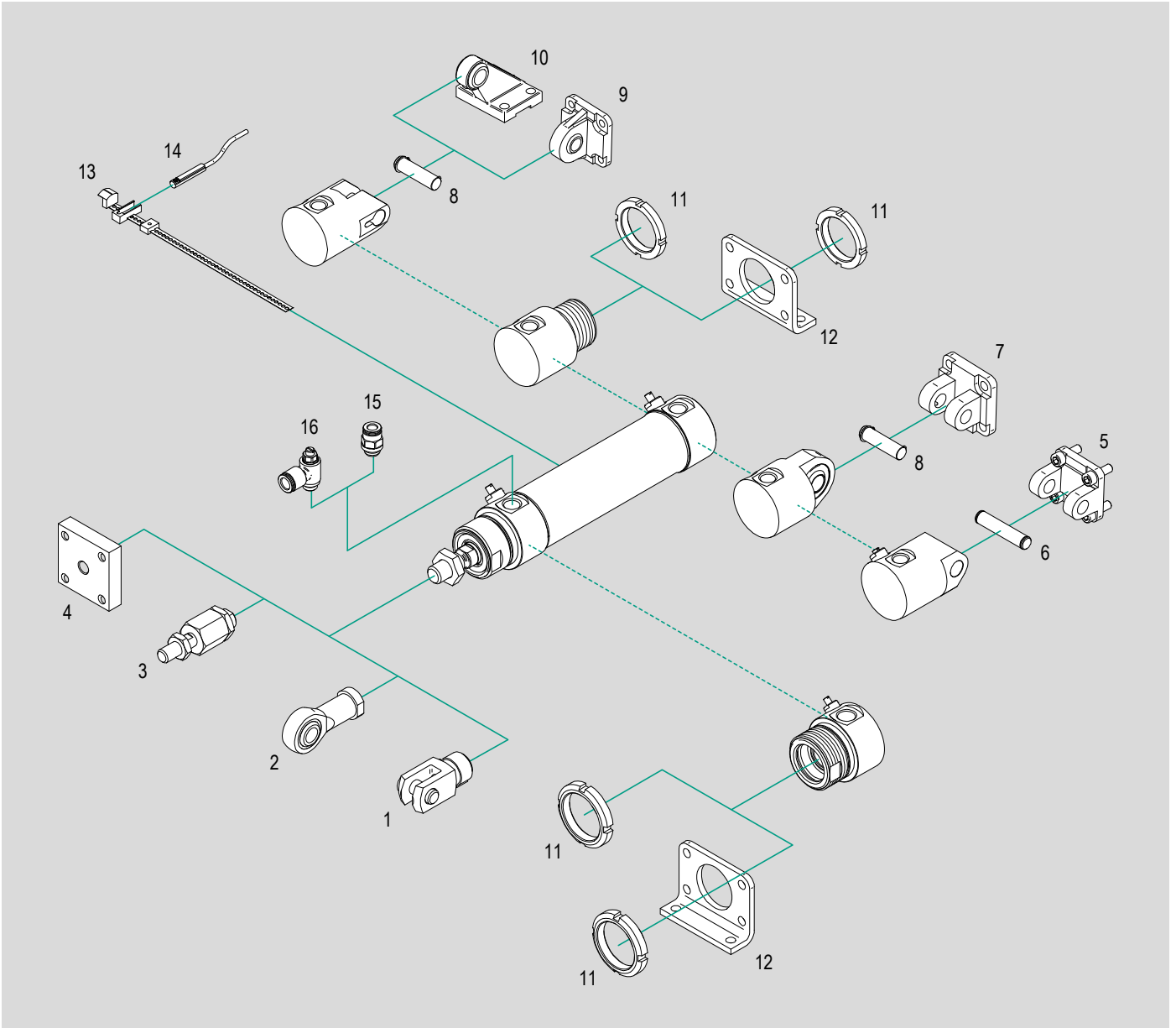


Standard materials



Position	Description	Material
1	Tube	Stainless Steel AISI 316 L
2	Heads	Stainless Steel AISI 316 L
3	Rod	Stainless Steel AISI 316 L lapped
4	Piston	Die-cast aluminium
5	Bushing	Self-lubricated sintered bronze
6	Guide ring	Natural acetatic resin
7	Rod seal	Special polyurethane
8	Disassembling nose	Stainless Steel AISI 316 L
9	Cushioning screw assembly	Stainless Steel AISI 316 L
-	Other seals	NBR / Polyurethane (PU)

Accessories



N.	Cylinder bore	Item	Description	Compliance	Cylinder type matching								Code key page	Data sheet page
					VA	VD	FP	CM	CS	CF	BA	BP		
1	Ø 32 ÷ 63	FFX..ISO	Stainless Steel ISO female clevis with pin and seeger	ISO 8140	●	●	●	●	●	●	●	●	5.11.90	5.52.1
2	Ø 32 ÷ 63	RFX..SE	Stainless Steel bearing heads (DIN 648K) with female thread	ISO 8139	●	●	●	●	●	●	●	●		5.54.1
3	Ø 32 ÷ 63	GBX..	Stainless Steel self-aligning articulated coupling	-	●	●	●	●	●	●	●	●		5.55.1
4	Ø 32 ÷ 63	GCX..	Stainless Steel self-aligning coupling	-	●	●	●	●	●	●	●	●		5.57.1
5	Ø 32 ÷ 63	CFX..AQIS	Stainless Steel rear clevis	ISO MP2	-	-	-	●	-	-	-	-		5.73.50
6	Ø 32 ÷ 63	SECX..AQIS	Stainless Steel pin with seeger	AA4	-	-	-	●	-	-	-	-	5.11.91	5.75.5
7	Ø 32 ÷ 63	CFSX..AQIS	Stainless Steel narrow rear clevis (for DIN 648K bearing)	ISO AB6	-	-	-	-	●	-	-	-	5.11.90	5.73.50
8	Ø 32 ÷ 63	SECX..ARAQIS	Stainless Steel anti-rotating pin with seeger	AA6	-	-	-	-	●	●	-	-	5.11.91	5.75.5
9	Ø 32 ÷ 63	CMSX..AQIS	Stainless Steel narrow rear eye with DIN 648K bearing	ISO MP6	-	-	-	-	-	●	-	-	5.11.90	5.73.51
10	Ø 32 ÷ 63	ASSX..AQIS	Stainless Steel rear 90° hinge with DIN 648K spherical bearing	ISO CS7	-	-	-	-	-	●	-	-		5.73.51
11	Ø 32 ÷ 63	GHX..AQM	Stainless Steel head nut	-	● ¹	●	-	-	-	-	-	-	5.11.91	5.73.52
12	Ø 32 ÷ 63	PX..AQM	Stainless Steel foot-flange		●	●	-	-	-	-	-	-		5.73.52
13	Ø 32 ÷ 63	AFR..	Bracket for magnetic reed switch T groove		●	●	●	●	●	●	●	●		1.120.3
14	Ø 32 ÷ 63	ASV..	Magnetic reed switch T groove	2014/34/UE	●	●	●	●	●	●	●	●		1.110.10
		MK..	ATEX magnetic reed switch T groove		●	●	●	●	●	●	●	●		1.113.1
15	Ø 32 ÷ 63	RX	Stainless steel push-in fittings	-	●	●	●	●	●	●	●	●	5.302.1	
16	Ø 32 ÷ 63	VX..C	Stainless Steel flow controls, for cylinders	-	●	●	●	●	●	●	●	●	5.372.1	

Key
● matching accessory; - not matching accessory

(1) For front end cap only

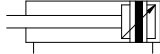
Stainless Steel round cylinders

Series RXD



Main features

32 ÷ 63



RXD

Bores Ø

Double acting
Magnetic
With cushionings

Series



Technical data

Bore Ø	32	40	50	63
Fluid	Filtered compressed air with or without lubrication. Lubrication, if started, must be continued.			
Pressure range	1 ÷ 10 bar			
Temperature range	-20°C ÷ +80°C (standard)	-20°C ÷ +150°C (V)	-40°C ÷ +80°C (BT)	
Strokes	10 ÷ 1000 mm			
Cushion length	20 mm	22 mm	25 mm	
Ports	1/8"	1/4"		3/8"
Rod thread	M10x1,25	M12x1,25	M16x1,5	

Notes

For dimensions and specific features of each type, see the following pages.

For standard materials see page 5.10.7

Standard strokes

Stroke mm	RXD Bore Ø mm			
	32	40	50	63
25				
50				
80				
100				
125				
160				
200				
250				
320				
400				
500				

Key

□ Standard stroke

Round cylinders series RXD

Type			Compliance	Front end cap	Rear end cap	Data sheet page
RXDVA	Round cylinder with threaded front end cap and flat rear end cap		-			5.11.12
RXDVD	Round cylinder with threaded front and rear end caps		-			5.11.14
RXDFF	Round cylinder with demountable nose on front end cap and flat rear end cap with four female threads		-			5.11.15
RXDCCM	Round cylinder with demountable nose on front end cap, and rear eye integrated in the rear end cap					5.11.16
RXDCCS	Round cylinder with demountable nose on front end cap, and narrow rear eye integrated in the rear end cap					5.11.17
RXDCCF	Round cylinder with demountable nose on front end cap, and narrow rear clevis integrated in the rear end cap					5.11.18
RXDDBA	Round cylinder with demountable nose on front end cap with integrated pins, and flat rear end cap		-			5.11.19
RXDDBP	Round cylinder with demountable nose on front end cap, and flat rear end cap with integrated pins		-			5.11.20

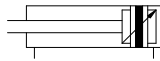
Stainless Steel round cylinders

Series RXDVA



Version

32 ÷ 63



RXDVA



Bores \emptyset

Double acting
Magnetic
With cushionings

Threaded front
end cap

Flat rear end cap

Type

Peculiar characteristics

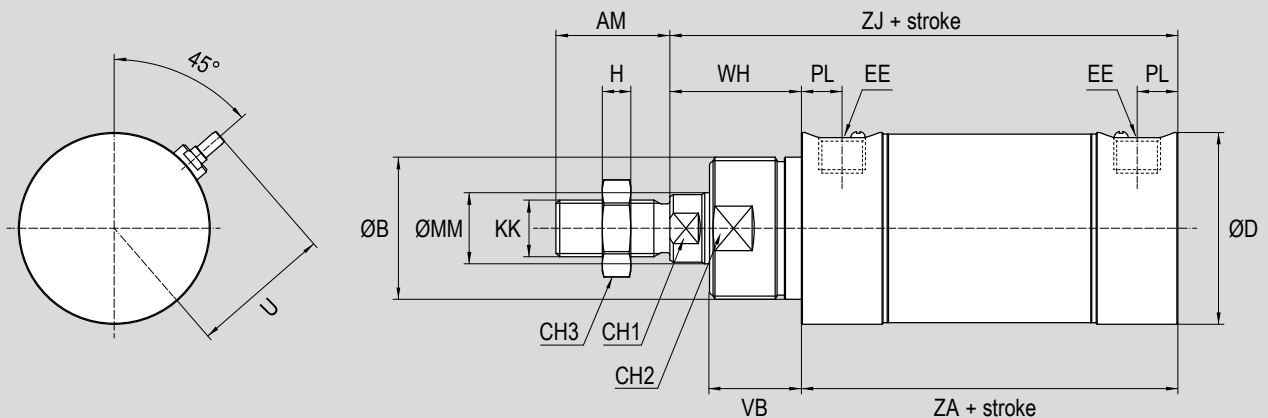
The assembly is through the threaded front end cap. The rear end cap is flat, the cylinder body is with no chamfers or cavities where dirt can settle. For the same reason, the adjusting cushioning screws are not recessed but protruding the body of the cylinder.

On this type through rod option (P) is available. For dimensions see page 5.11.10

Stainless steel head nut type GHX..AQM (see page 5.11.91) is compatible with front end cap.

Standard dimensions

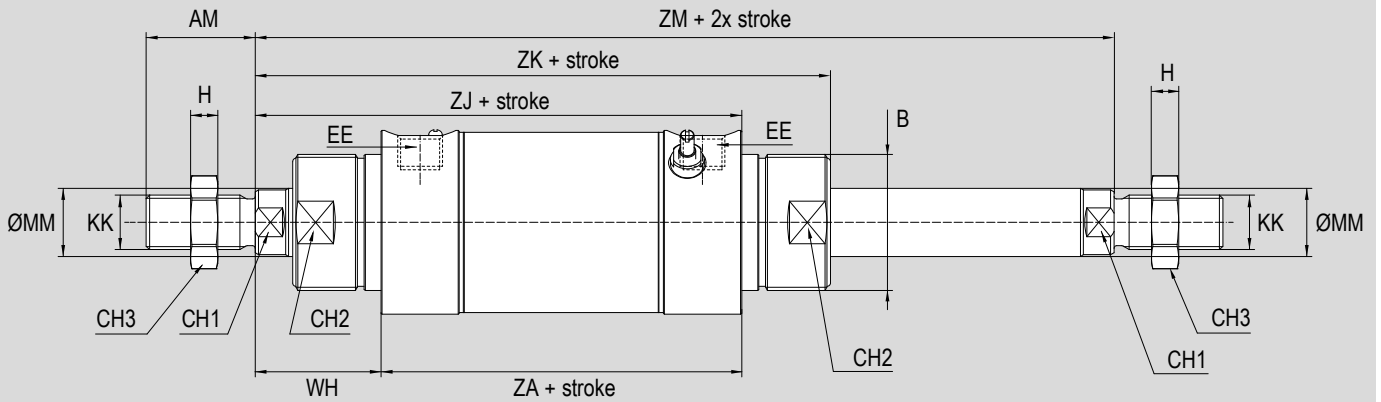
Type: **RXDVA**



\emptyset (mm)	AM	$\emptyset B$	$\emptyset D$	EE	KK	$\emptyset MM$ f7	PL	VB	U	WH	ZA + $\frac{1}{2}$	ZJ + $\frac{1}{2}$	CH1	CH2	CH3	H
32	22	M30x1,5	36	G1/8"	M10x1,25	12	10,5	20	26,5	26	94	120	10	29	17	5
40	24	M38x1,5	45	G1/4"	M12x1,25	16	12	22	31	30	105	135	13	36	19	6
50	32	M45x1,5	54	G1/4"	M16x1,5	20	11,5	26	39,5	37	106	143	17	42	24	8
63	32	M45x1,5	68	G3/8"	M16x1,5	20	14,5	25	38,5	37	121	158	17	42	24	8

Dimensions with option

Type: ..P



Ø (mm)	AM	B	ØMM f7	WH	ZA + ₀	ZJ + ₀	ZK + ₀	ZM + ₀	KK	EE	CH1	CH2	CH3	H
32	22	M30x1,5	12	26	94	120	140	146	M10x1,25	G1/8"	10	29	17	5
40	24	M38x1,5	16	30	105	135	157	165	M12x1,25	G1/4"	13	36	19	6
50	32	M45x1,5	20	37	106	143	169	180	M16x1,5	G1/4"	17	42	24	8
63	32	M45x1,5	20	37	121	158	183	195	M16x1,5	G3/8"	17	42	24	8

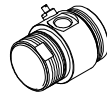
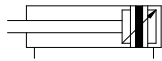
Stainless Steel round cylinders

Series RXDVD



Version

32 ÷ 63



RXDVD



Bores \emptyset

Double acting
Magnetic
With cushionings

Threaded front
end cap

Threaded rear
end cap

Type

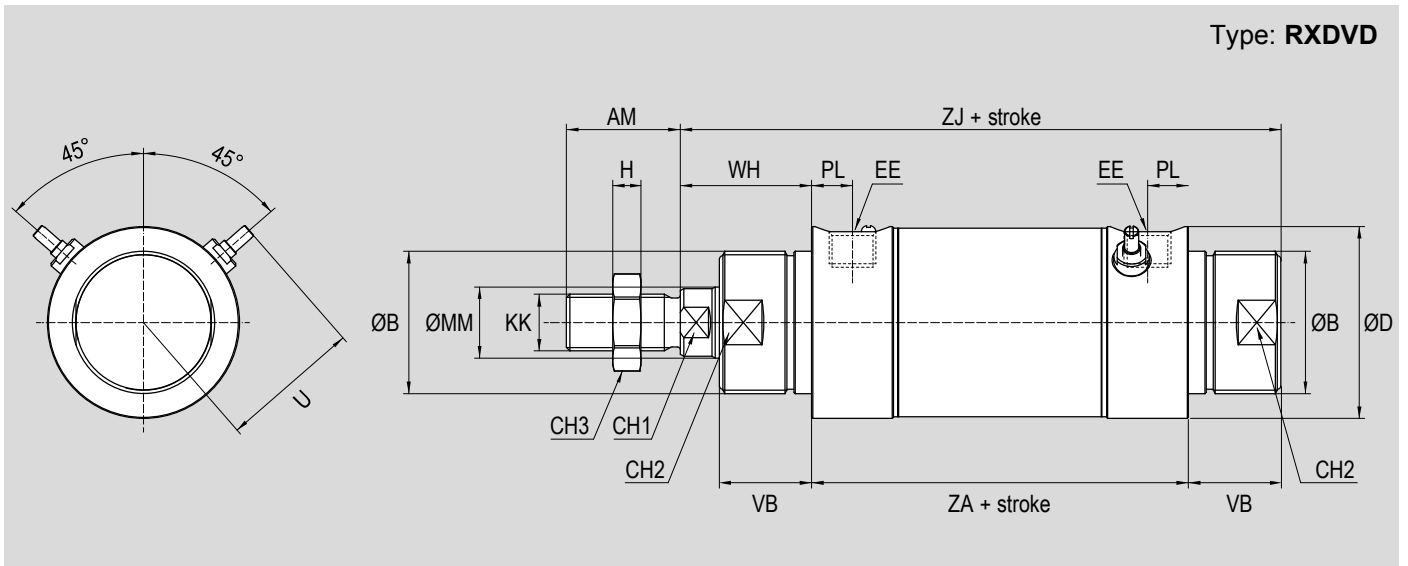
Peculiar characteristics

The front and the rear end caps are both threaded for the assembly.

The cylinder body is with no chamfers or cavities where dirt can settle. For the same reason, the adjusting cushioning screws are not recessed but protruding the body of the cylinder.

Stainless steel head nut type GHX..AQM (see page 5.11.91) is compatible with front and rear end caps.

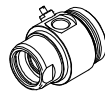
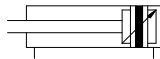
Standard dimensions



\emptyset (mm)	AM	$\emptyset B$	$\emptyset D$	EE	KK	$\emptyset MM$ f7	PL	VB	U	WH	ZA + stroke	ZJ + stroke	CH1	CH2	CH3	H
32	22	M30x1,5	36	G1/8"	M10x1,25	12	10,5	20	26,5	26	94	140	10	29	17	5
40	24	M38x1,5	45	G1/4"	M12x1,25	16	12	22	31	30	105	157	13	36	19	6
50	32	M45x1,5	54	G1/4"	M16x1,5	20	11,5	26	39,5	37	106	169	17	42	24	8
63	32	M45x1,5	68	G3/8"	M16x1,5	20	14,5	25	38,5	37	121	183	17	42	24	8

Version

32 ÷ 63



RXDFP



Bores Ø

Double acting
Magnetic
With cushionings

Front end cap with
demountable nose

Flat rear end cap
with threaded holes

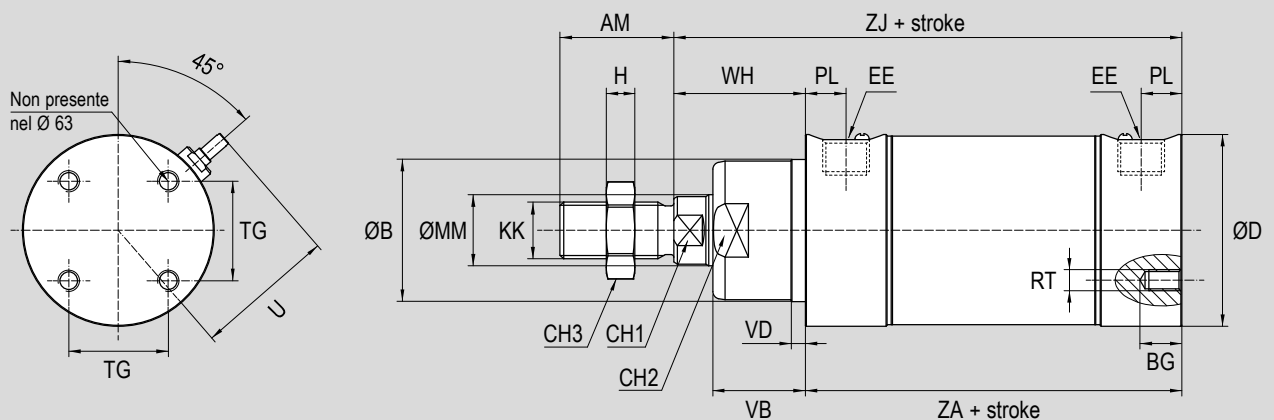
Type

Peculiar characteristics

The front end cap is clean design, with no cavities and demountable nose, allowing maintenance directly on the machine where cylinder is assembled, thus reducing maintenance time. The rear end cap is flat with four female threaded holes. The cylinder body is with no chamfers or cavities where dirt can settle. For the same reason, the adjusting cushioning screws are not recessed but protruding the body of the cylinder.

Standard dimensions

Type: **RXDFP**

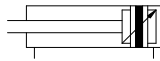


Ø (mm)	AM	ØB d11	BG	ØD	EE	KK	ØMM f7	PL	RT	TG	VB
32	22	30	6	36	G1/8"	M10x1,25	12	10,5	M4	19	20
40	24	35	8	45	G1/4"	M12x1,25	16	12	M5	24	22
50	32	40	9	54	G1/4"	M16x1,5	20	11,5	M6	28	26
63	32	45	12	68	G3/8"	M16x1,5	20	14,5	M8	35	25

Ø (mm)	VD	U	WH	ZA + stroke	ZJ + stroke	CH1	CH2	CH3	H
32	4	26,5	26	94	120	10	29	17	5
40	4	31	30	105	135	13	33	19	6
50	4	39,5	37	106	143	17	38	24	8
63	4	38,5	37	121	158	17	42	24	8

Version

32 ÷ 63



RXDCM



Bores Ø

Double acting
Magnetic
With cushionings

Front end cap with
demountable nose

Rear end cap with
rear eye ISO MP4

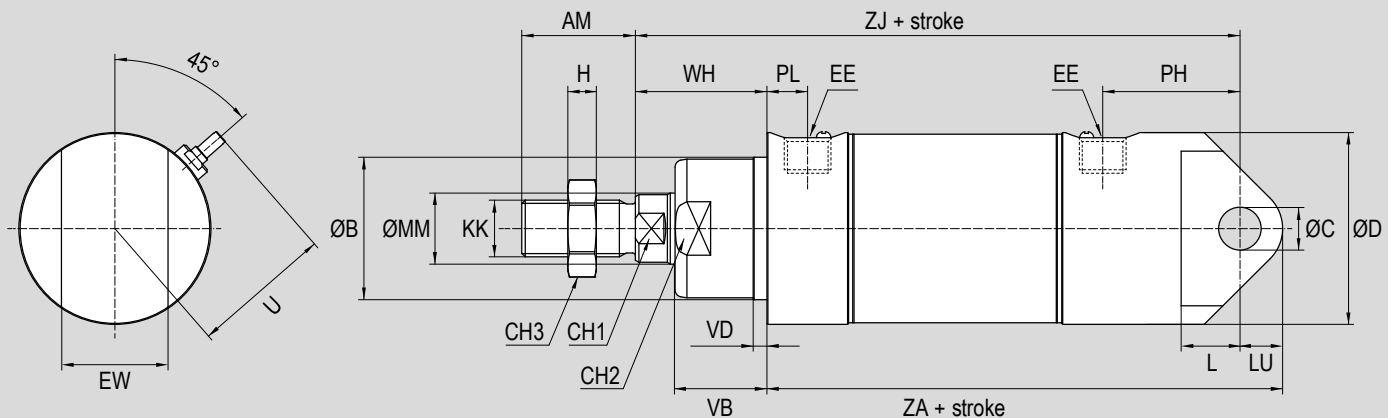
Type

Peculiar characteristics

The front end cap is clean design, with no cavities and demountable nose, allowing maintenance directly on the machine where cylinder is assembled, thus reducing maintenance time. A rear eye conforming to ISO MP4 standards is integrated in the rear end cap, this way the dimensions of the cylinder are compliant with ISO 15552 standards. The stainless steel rear female clevis ISO MP2 type CFX..AQIS (see page 5.11.50) can be mounted to the integrated rear eye with the stainless steel pin type SECX..AQIS. The cylinder body is with no chamfers or cavities where dirt can settle. For the same reason, the adjusting cushioning screws are not recessed but protruding the body of the cylinder.

Standard dimensions

Type: **RXDCM**

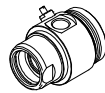
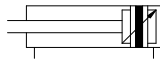


Ø (mm)	AM	ØB d11	ØC H8	ØD	EE	EW	KK	ØMM f7	L	LU	PH
32	22	30	10	36	G1/8"	26	M10x1,25	12	13	9	32,5
40	24	35	12	45	G1/4"	28	M12x1,25	16	16	10	37
50	32	40	12	54	G1/4"	32	M16x1,5	20	16,5	12	37
63	32	45	16	68	G3/8"	40	M16x1,5	20	21	12	46

Ø (mm)	PL	VB	VD	U	WH	ZA + ±0	ZJ + ±0	CH1	CH2	CH3	H
32	10,5	20	4	26,5	26	125	142	10	29	17	5
40	12	22	4	31	30	140	160	13	33	19	6
50	11,5	26	4	39,5	37	145	170	17	38	24	8
63	14,5	25	4	38,5	37	165	190	17	42	24	8

Version

32 ÷ 63



RXDCS



Bores \emptyset

Double acting
Magnetic
With cushionings

Front end cap with
demountable nose

Rear end cap with
narrow rear eye
ISO MP6

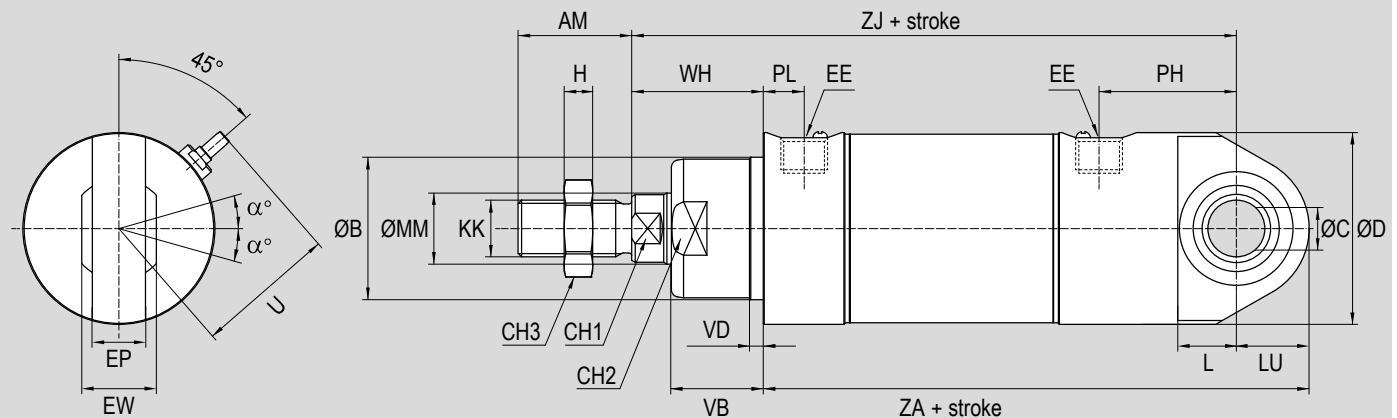
Type

Peculiar characteristics

The front end cap is clean design, with no cavities and demountable nose, allowing maintenance directly on the machine where cylinder is assembled, thus reducing maintenance time. A narrow rear eye with DIN 648K spherical bearing according to ISO MP6 standards is integrated in the rear end cap, this way the dimensions of the cylinder are compliant with ISO 15552 standards. The stainless steel narrow rear clevis ISO AB6 type CFSX..AQIS (see page 5.11.50) can be mounted to the integrated narrow rear eye with the stainless steel anti-rotating pin type SECX..ARAQIS.
The cylinder body is with no chamfers or cavities where dirt can settle. For the same reason, the adjusting cushioning screws are not recessed but protruding the body of the cylinder.

Standard dimensions

Type: **RXDCS**

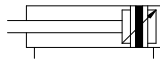


\emptyset (mm)	AM	$\emptyset B$ d11	$\emptyset C$ H8	$\emptyset D$	EE	EP	EW	KK	$\emptyset MM$ f7	L	LU	PH
32	22	30	10	36	G1/8"	10,5	14	M10x1,25	12	13	15	32,5
40	24	35	12	45	G1/4"	12	16	M12x1,25	16	16	19	37
50	32	40	16	54	G1/4"	15	21	M16x1,5	20	16,5	20,5	38,5
63	32	45	16	68	G3/8"	15	21	M16x1,5	20	21	24	46,5

\emptyset (mm)	PL	VB	VD	U	WH	ZA $\pm \emptyset$	ZJ $\pm \emptyset$	CH1	CH2	CH3	H	α°
32	10,5	20	4	26,5	26	131	142	10	29	17	5	13
40	12	22	4	31	30	149	160	13	33	19	6	13
50	11,5	26	4	39,5	37	153,5	170	17	38	24	8	15
63	14,5	25	4	38,5	37	177	190	17	42	24	8	15

Version

32 ÷ 63



RXDCF



Bores Ø

Double acting
Magnetic
With cushionings

Front end cap with
demountable nose

Rear end cap with
narrow rear clevis
ISO AB6

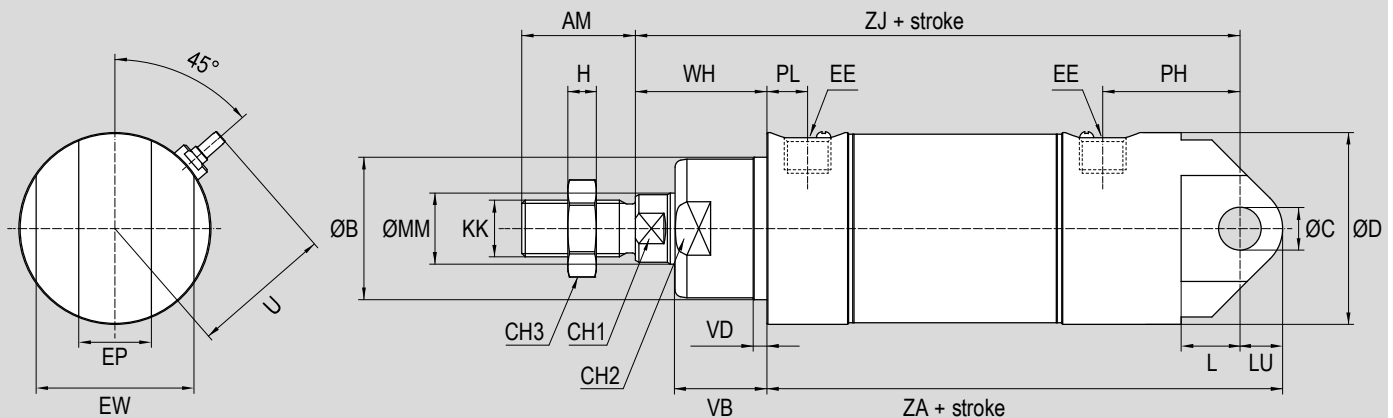
Type

Peculiar characteristics

The front end cap is clean design, with no cavities and demountable nose, allowing maintenance directly on the machine where cylinder is assembled, thus reducing maintenance time. A narrow rear clevis according to ISO AB6 standards is integrated on the rear end cap, this way the dimensions of the cylinder are compliant with ISO 15552 standards. The stainless steel narrow rear eye ISO MP6 (with spherical bearing DIN 648K) type CMSX..AQIS or the stainless steel rear 90° hinge ISO CS7 with DIN 648K spherical bearing type ASSX..AQIS (see page 5.11.50) can be mounted to the integrated narrow rear clevis with the stainless steel anti-rotating pin type SECX..ARAQIS. The cylinder body is with no chamfers or cavities where dirt can settle. For the same reason, the adjusting cushioning screws are not recessed but protruding the body of the cylinder.

Standard dimensions

Type: **RXDCF**

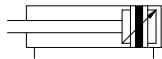


Ø (mm)	AM	ØB d11	ØC H8	ØD	EE	EP	EW	KK	ØMM f7	L	LU	PH
32	22	30	10	36	G1/8"	14	34	M10x1,25	12	16	9	32,5
40	24	35	12	45	G1/4"	16	40	M12x1,25	16	19	10	37
50	32	40	16	54	G1/4"	21	45	M16x1,5	20	21	12	37
63	32	45	16	68	G3/8"	21	51	M16x1,5	20	24	12	46

Ø (mm)	PL	VB	VD	U	WH	ZA + stroke	ZJ + stroke	CH1	CH2	CH3	H
32	10,5	20	4	26,5	26	125	142	10	29	17	5
40	12	22	4	31	30	140	160	13	33	19	6
50	11,5	26	4	39,5	37	145	170	17	38	24	8
63	14,5	25	4	38,5	37	165	190	17	42	24	8

Version

32 ÷ 63



RXDBA



Bores \emptyset

Double acting
Magnetic
With cushionings

Front end cap
with pins

Flat rear end cap

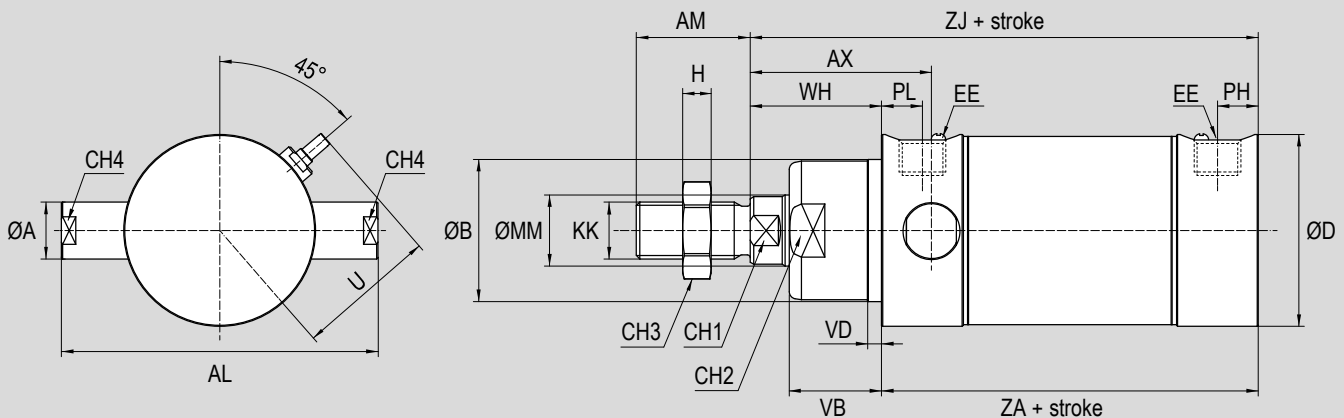
Type

Peculiar characteristics

The front end cap is clean design, with no cavities and demountable nose, allowing maintenance directly on the machine where cylinder is assembled, thus reducing maintenance time. Two pins are integrated in the front end cap, thus allow mounting to supports, and provide an oscillatory movement. The rear end cap is flat, the cylinder body is with no chamfers or cavities where dirt can settle. For the same reason, the adjusting cushioning screws are not recessed but protruding the body of the cylinder.

Standard dimensions

Type: **RXDBA**



\emptyset (mm)	$\emptyset A$ f7	AL	AX	AM	$\emptyset B$ d11	$\emptyset D$	EE	KK	$\emptyset MM$ f7	PL	VB
32	12	67	39	22	30	36	G1/8"	M10x1,25	12	10,5	20
40	12	76	43	24	35	45	G1/4"	M12x1,25	16	12	22
50	16	89	40	32	51	54	G1/4"	M16x1,5	20	11,5	26
63	16	103	47	32	47	68	G3/8"	M16x1,5	20	14,5	25

\emptyset (mm)	VD	U	WH	ZA $\pm \emptyset$	ZJ $\pm \emptyset$	CH1	CH2	CH3	CH4	H
32	4	26,5	26	94	120	10	29	17	10	5
40	4	31	30	105	135	13	33	19	10	6
50	4	39,5	37	106	143	17	38	24	14	8
63	4	38,5	37	121	158	17	42	24	14	8

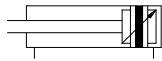
Stainless Steel round cylinders

Series RXDBP



Version

32 ÷ 63



RXDBP



Bores \emptyset

Double acting
Magnetic
With cushionings

Front end cap with
demountable nose

Flat rear end cap
with pins

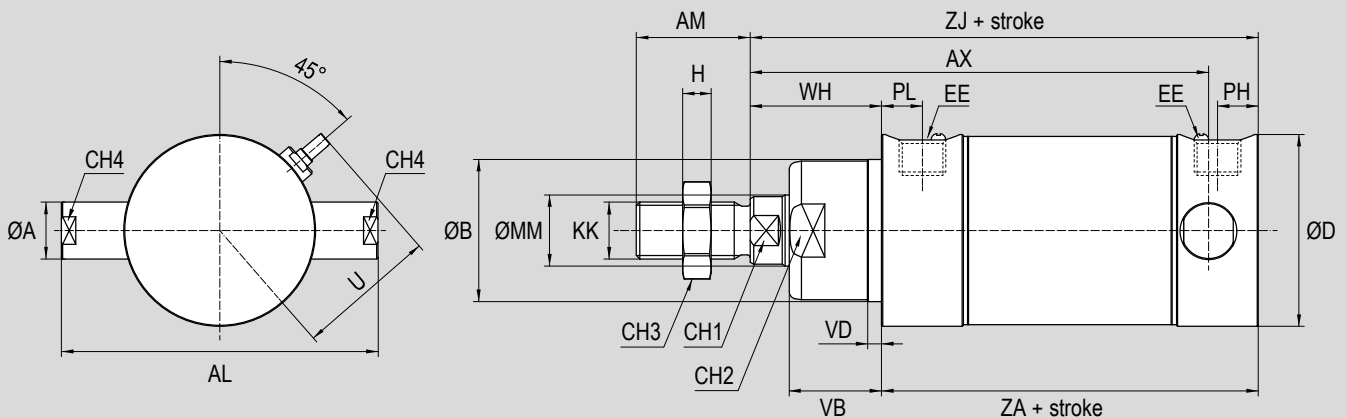
Type

Peculiar characteristics

The front end cap is clean design, with no cavities and demountable nose, allowing maintenance directly on the machine where cylinder is assembled, thus reducing maintenance time. Two pins are integrated in the flat rear end cap, thus allow mounting to supports, and provide an oscillatory movement.
The cylinder body is with no chamfers or cavities where dirt can settle. For the same reason, the adjusting cushioning screws are not recessed but protruding the body of the cylinder.

Standard dimensions



Type: **RXDBP**





\emptyset (mm)	$\emptyset A$ f7	AL	AX	AM	$\emptyset B$ d11	$\emptyset D$	EE	KK	$\emptyset MM$ f7	PL	VB
32	12	67	110	22	30	36	G1/8"	M10x1,25	12	10,5	20
40	12	76	122	24	35	45	G1/4"	M12x1,25	16	12	22
50	16	89	129	32	40	54	G1/4"	M16x1,5	20	11,5	26
63	16	103	148	32	45	68	G3/8"	M16x1,5	20	14,5	25

\emptyset (mm)	VD	U	WH	ZA $\pm \emptyset$	ZJ $\pm \emptyset$	CH1	CH2	CH3	CH4	H
32	4	26,5	26	94	120	10	29	17	10	5
40	4	31	30	105	135	13	33	19	10	6
50	4	39,5	37	106	143	17	38	24	14	8
63	4	38,5	37	121	158	17	42	24	14	8


Stainless Steel female clevis with pin and seeger FFX..ISO

	For cylinder Ø mm	Code	Item	Compliance
	32	041055	FFX10ISO	
	40	041056	FFX12ISO	
	50-63	041057	FFX16ISO	


Stainless Steel bearing heads (DIN 648K) RFX..SE

	For cylinder Ø mm	Code	Item	Compliance
	32	040009	RFX10SE	
	40	041578	RFX12SE	
	50-63	040011	RFX16SE	



Stainless Steel self-aligning articulated coupling GBX..

	For cylinder Ø mm	Code	Item	Compliance
	32	041737	GBX040	-
	40	041738	GBX060	
	50-63	041739	GBX100	



Stainless Steel self-aligning coupling GCX..

	For cylinder Ø mm	Code	Item	Compliance
	32	041728	GCXM10x1,25	-
	40	041729	GCXM12x1,25	
	50-63	041730	GCXM16x1,5	

Stainless Steel rear clevis* CFX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040012	CFX032AQIS	
	40	040830	CFX040AQIS	
	50	040801	CFX050AQIS	
	63	040014	CFX063AQIS	




Stainless Steel narrow rear clevis* (for DIN 648K bearing) CFSX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040821	CFSX032AQIS	
	40	040822	CFSX040AQIS	
	50	040823	CFSX050AQIS	
	63	040824	CFSX063AQIS	



*Matching only with type RXDCM.
Pin type SECX..AQIS to be ordered separately, see page 5.11.91

*Matching only with type RXDCS.
Anti-rotating pin type SECX..ARAQIS to be ordered separately, see page 5.11.91

Stainless Steel narrow rear eye* with DIN 648K bearing CMSX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040834	CMSX032AQIS	
	40	040835	CMSX040AQIS	
	50	040836	CMSX050AQIS	
	63	040010	CMSX063AQIS	



Stainless Steel rear 90°hinge* with DIN 648K spherical bearing ASSX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040850	ASSX032AQIS	
	40	040851	ASSX040AQIS	
	50	040852	ASSX050AQIS	
	63	040853	ASSX063AQIS	

*Matching only with type RXDCF.
Anti-rotating pin type SECX..ARAQIS to be ordered separately, see page 5.11.91



*Matching only with type RXDCF.
Anti-rotating pin type SECX..ARAQIS to be ordered separately, see page 5.11.91

Stainless Steel pin with seeger* SECX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040829	SECX032AQIS	
	40	040831	SECX040AQIS	
	50	040811	SECX050AQIS	
	63	040832	SECX063AQIS	


*Supplied with 2 seeger

Stainless Steel anti-rotating pin with seeger* SECX..ARAQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040857	SECX032ARAQIS	
	40	040858	SECX040ARAQIS	
	50	040859	SECX050ARAQIS	
	63	040860	SECX063ARAQIS	


*Supplied with 1 seeger

Stainless Steel foot-flange* PX..AQM

	For cylinder Ø mm	Code	Item	Compliance
	32	040119	PX032AQM	-
	40	040120	PX040AQM	
	50	040137	PX050AQM	
	63	040138	PX063AQM	


*Matching only with type RXDVA and type RXDVD; for mounting require stainless steel head nut type GH..AQM, see alongside.

Stainless Steel head nut* GHX..AQM

	For cylinder Ø mm	Code	Item	Compliance
	32	040069	GHX032AQM	-
	40	040187	GHX040AQM	
	50-63	040188	GHX050/063AQM	




*Matching only with type RXDVA and type RXDVD.

Magnetic reed switch T groove ASV..

	For cylinder Ø mm	Code	Item	Cylinder matching
	32 ÷ 63	070946	ASV1C525	RXD*
		071863	ASV1C550	
		071864	ASV1C51K	
		071189	ASV1C5M8	
		073639	ASV4D225	
		070246	ASV4D2M8	
		074900	ASV7N225	
		070247	ASV7N2M8	
		070372	ASV7M2M8	
		072918	ASV1H525	


*With bracket type AFR1063 for magnetic reed switches T groove

ATEX magnetic reed switch T groove MK..

	For cylinder Ø mm	Code	Item	Compliance	Cylinder matching
	32 ÷ 63	071120	MK500A		RXD*
		071108	MK502A		

*With bracket type AFR1063 for magnetic reed switches T groove

Bracket for magnetic reed switch T groove type AFR..

	For cylinder Ø mm	Code	Item	Compliance
	32 ÷ 63	072907	AFR1063	-

STAINLESS STEEL

round cylinders Series RDX - RDMX - RDMAX



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Series of Stainless Steel Round Cylinders in bores from Ø 32 to 63, double acting, magnetic or not magnetic, with or without cushionings. Supplied as standard in compliance to Reach and RoHS directives, and SIL certified. On request, can be also supplied according to the 2014/34/EU ATEX Directive.

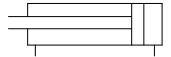


Type RDX Ø 32 ÷ 63

from page 5.13.20



Stainless Steel round cylinders not conforming to standards, available in bores from Ø 32 to 63, double acting, not magnetic. Heads are joined to barrel through rolling, thus ensure a perfect tightening. Supplied complete with rod nut and head nut.

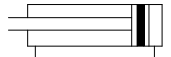


Type RDMX Ø 32 ÷ 63

from page 5.13.20



Stainless Steel round cylinders not conforming to standards, available in bores from Ø 32 to 63, double acting, magnetic. Heads are joined to barrel through rolling, thus ensure a perfect tightening. Supplied complete with rod nut and head nut.

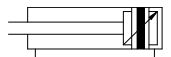


Type RDMAX Ø 32 ÷ 40

from page 5.13.40



Stainless Steel round cylinders not conforming to standards, available in bores from Ø 32 to 63, double acting, magnetic, with adjustable cushionings. Heads are joined to barrel through rolling, thus ensure a perfect tightening. Supplied complete with rod nut and head nut.



Options		
Description	Symbol	Suffix
Through rod		P
FKM seals	-20°C ÷ +150°C 	V
FKM rod seal	-20°C ÷ +80°C 	V1
Low temperature seals	-40°C ÷ +80°C 	BT
Special male thread (indicate the requested thread. E.g.: R-M 10x1,5; the dimension AM of the special thread will be the same as the standard; cylinder will be supplied without rod nut; for further information please contact the sales department)		R-M..
ATEX versions on request		/ATEX
Special versions on request		/S

The options, when this is possible, can be combined with each other. For options matching see the table at page 5.13.4; For code key see from page 5.13.5

Options matching

Series	Bore	Model	Standard options matching					
			P	V	V1	BT	RM.. ⁽¹⁾	/ATEX
RDX RDMX	Ø 32 ÷ 63	Standard	●	●	●	●	●	●
		Through rod (P)		●	●	●	●	●
RDMAX	Ø 32 ÷ 40	Standard	●	●	●	●	●	●
		Through rod (P)		●	●	●	●	●

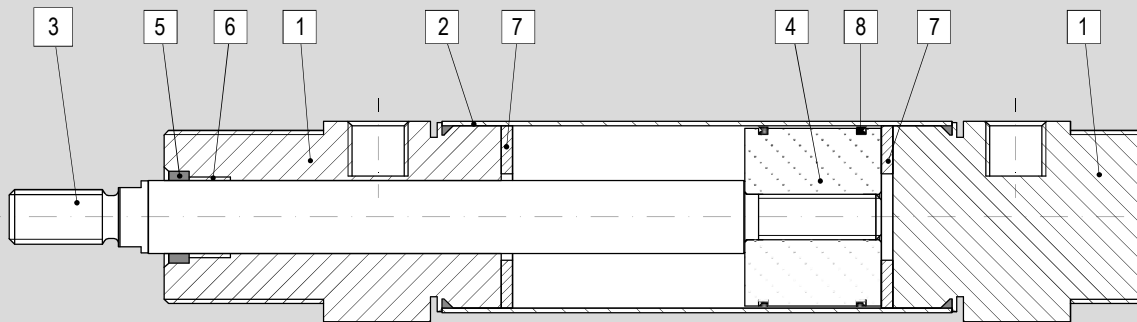
Key

● matching accessory; - not matching accessory

Options matching - note

(1) Option **R-M..** require to indicate the desired thread; for models with through rod option (**P**) the special male thread option (**R-M..**) are applied on both sides of the rod. For further information please contact the sales department.

Standard materials

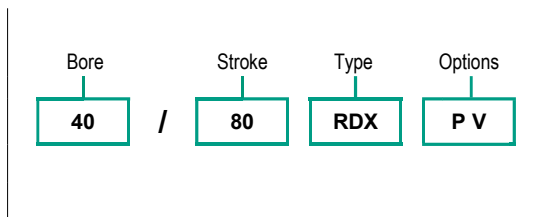


Position	Description	Material
1	Heads	Stainless Steel AISI 304
2	Tube	Stainless Steel AISI 304
3	Rod	Stainless Steel AISI 316
4	Piston	Aluminium
5	Rod seal	Special polyurethane
6	Bushing	Sintered bronze
7	Damper	NBR
8	Seals	NBR / Polyurethane (PU)

Code key

Bore	/	Stroke	Type	Options			/	ATEX version	Special version
40	/	80	RDX	P	V		/		
Ø 32, 40, 50, 63		10 mm+ 1000 mm	RDX Double acting Non magnetic RDMX Double acting Magnetic RDMAX ⁽¹⁾ Double acting Magnetic With cushionings	P	V V1 BT	R-M..		ATEX II 2G Ex h IIC T5 Gb II 2D Ex h IIIC T100°C Db	S

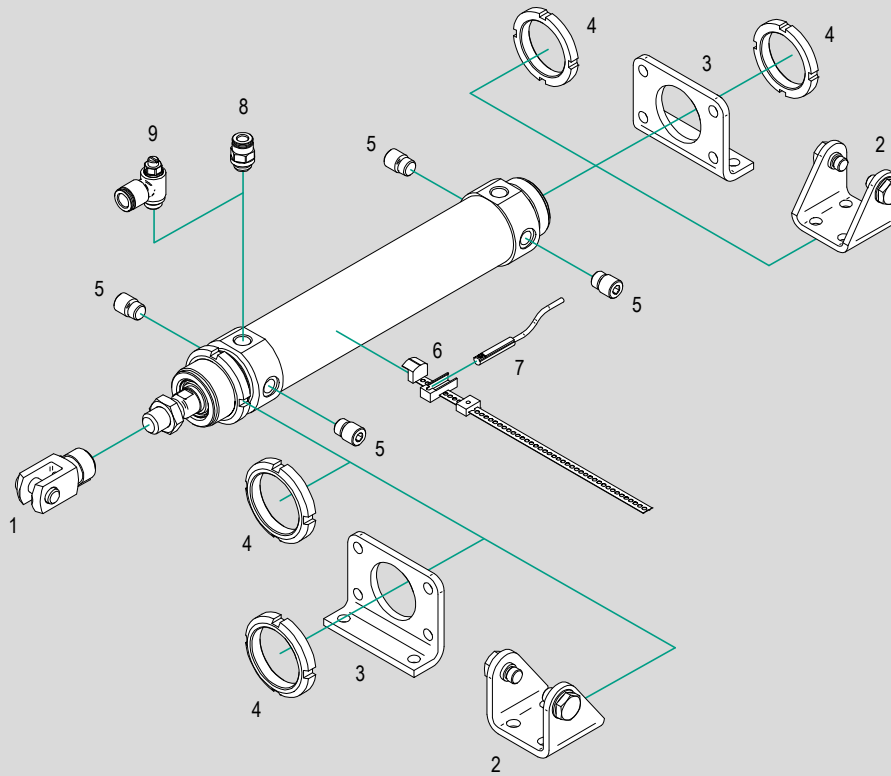
How to order



Notes

For standard materials see the table in the next page.
 Options in the same grid are alternative to each others.
 For further information on options and their matching, see page 5.13.3 e 5.13.4
 For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1
 (1) Available only for bores Ø 32 and 40.

Accessories



N.	Cylinder bore	Item	Description	Compliance	Matching			Code key page	Data sheet page
					RDX	RDMX	RDMAX		
1	Ø 32 ÷ 63	FFX..DIN	Stainless Steel DIN female clevis with pin and seeger	UNI 1676 DIN 71752	●	●	●	5.13.90	5.52.1
2	Ø 32 ÷ 63	CFX..AQM	Stainless Steel rear clevis	-	●	●	●		5.73.1
3	Ø 32 ÷ 63	PX..AQM	Stainless Steel foot-flange	-	●	●	●		5.73.1
4	Ø 32 ÷ 63	GHX..AQM	Stainless Steel head nut	-	●	●	●		5.73.2
5	Ø 32 ÷ 63	SECX..AQM	Stainless Steel pin	-	●	●	●		5.73.2
7	Ø 32 ÷ 63	ASV..	Magnetic reed switch T groove	-	-	●	●		1.120.3
		MK..	ATEX magnetic reed switch T groove	2014/34/UE	-	●	●		1.110.10
8	Ø 32 ÷ 63	RX	Stainless steel push-in fittings	-	●	●	●	5.302.1	
9	Ø 32 ÷ 63	VX..C	Stainless Steel flow controls, for cylinders	-	●	●	●	5.372.1	

Key
● matching accessory; - not matching accessory

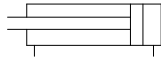
Stainless Steel round cylinders

Series RDX - RDMX



Main features

32 ÷ 63



RDX

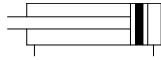
Bores Ø

Double acting
Non magnetic

Type



32 ÷ 63



RDMX

Bores Ø

Double acting
Magnetic

Type



Technical data

Bore Ø	32	40	50	63
Fluid	Filtered compressed air with or without lubrication. Lubrication, if started, must be continued.			
Pressure range	1 ÷ 10 bar			
Temperature range	-20°C ÷ +80°C (standard)	-20°C ÷ +150°C (V)	-40°C ÷ +80°C (BT)	
Strokes	25 ÷ 1000 mm			
Ports	1/8"	1/4"	3/8"	
Rod thread	M10x1,5	M12x1,75	M16x2	

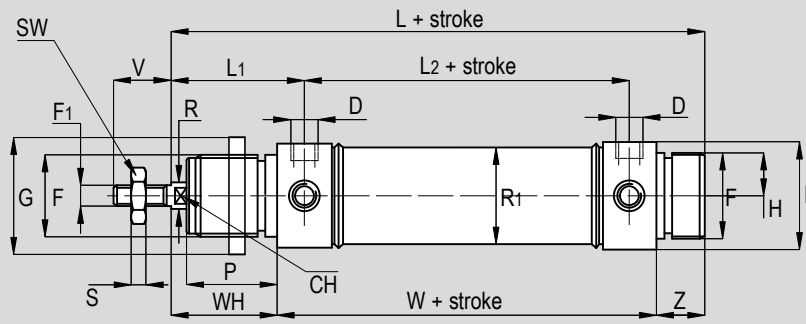
Standard strokes

Stroke mm	RDX Bore Ø mm			
	32	40	50	63
25				
50				
80				
100				
125				
160				
200				
250				
320				
400				
500				

Stroke mm	RDMX Bore Ø mm			
	32	40	50	63
25				
50				
80				
100				
125				
160				
200				
250				
320				
400				
500				

Key
 Standard stroke

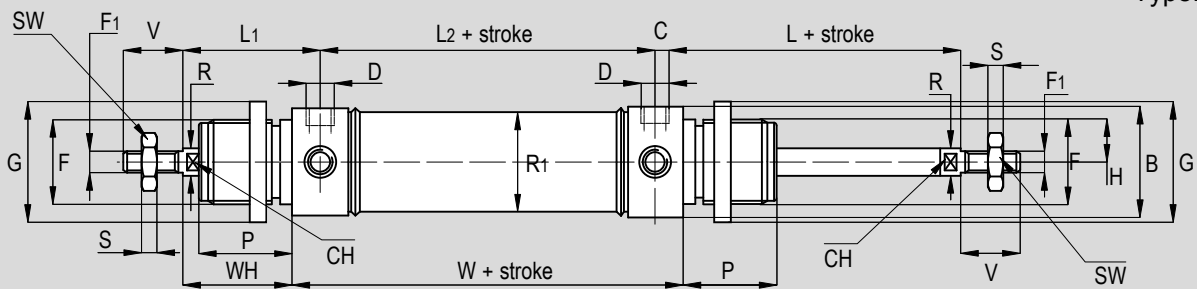
Standard dimensions



Type: **RDX - RDMX**

∅ (mm)	V	F	P	D	F ₁	R	L ₂	Z	WH	W	L ₁	L	R ₁	H	S	∅B	CH	SW	∅G
32	20	M30x1,5	30	G1/8"	M10x1,5	12	78	14	38	96	47	148	33,6	17,5	6	38	10	17	45
40	24	M38x1,5	35	G1/4"	M12x1,75	16	89	16	45	113	57	174	41,6	21	7	46	13	19	50
50	32	M45x1,5	38	G1/4"	M16x2	20	96	18	50	120	62	188	52,4	26,5	8	57	17	24	58
63	32	M45x1,5	38	G3/8"	M16x2	20	98	18	50	124	63	192	65,4	32,5	8	70	17	24	58

Dimensions with options



Type: **...P**

∅ (mm)	V	F	P	D	F ₁	R	L ₂	WH	W	L	C	L ₁	R ₁	H	S	∅B	CH	SW	∅G
32	20	M30x1,5	30	G1/8"	M10x1,5	12	78	38	96	38	9	47	33,6	17,5	6	38	10	17	45
40	24	M38x1,5	35	G1/4"	M12x1,75	16	89	45	113	45	12	57	41,6	21	7	46	13	19	50
50	32	M45x1,5	38	G1/4"	M16x2	20	96	50	120	50	12	62	52,4	26,5	8	57	17	24	58
63	32	M45x1,5	38	G3/8"	M16x2	20	98	50	124	50	13	63	65,4	32,5	8	70	17	24	58

5 - STAINLESS STEEL COMPONENTS

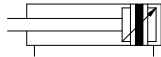
Stainless Steel round cylinders

Series RDMAX



Main features

32 ÷ 63



RDMAX

Bores Ø

Double acting
Magnetic
With cushionings

Type



Technical data

Bore Ø	32	40
Fluid	Filtered compressed air with or without lubrication. Lubrication, if started, must be continued.	
Pressure range	1 ÷ 10 bar	
Temperature range	-20°C ÷ +80°C (standard)	-20°C ÷ +150°C (V) -40°C ÷ +80°C (BT)
Strokes	25 ÷ 1000 mm	
Ports	1/8"	1/4"
Rod thread	M10x1,5	M12x1,75

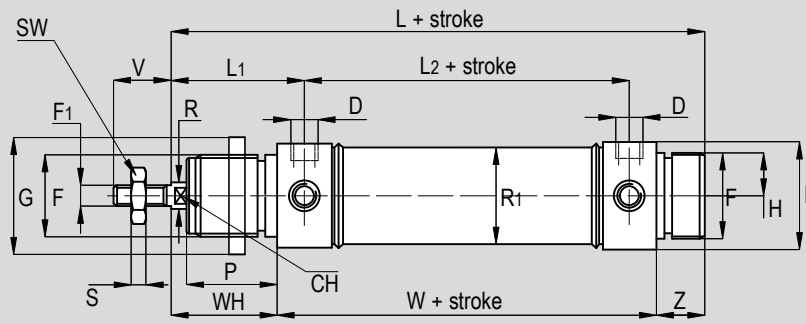
Standard strokes

Stroke mm	RDMAX Bore Ø mm	
	32	40
25		
50		
80		
100		
125		
160		
200		
250		
320		
400		
500		

Key

□ Standard stroke

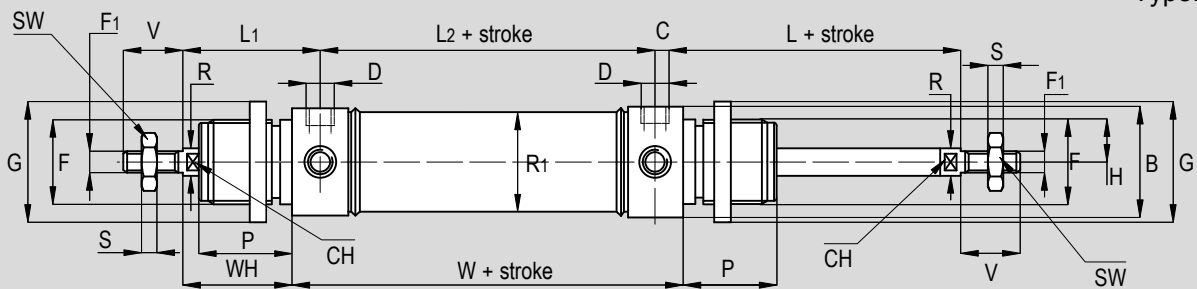
Standard dimensions



Type: **RDMAX**

∅ (mm)	V	F	P	D	F ₁	R	L ₂	Z	WH	W	L ₁	L	R ₁	H	S	∅B	CH	SW	∅G
32	20	M30x1,5	30	G1/8"	M10x1,5	12	78	14	38	96	47	148	33,6	17,5	6	38	10	17	45
40	24	M38x1,5	35	G1/4"	M12x1,75	16	89	16	45	113	57	174	41,6	21	7	46	13	19	50




Dimensions with options




Type: **...P**

∅ (mm)	V	F	P	D	F ₁	R	L ₂	WH	W	L	C	L ₁	R ₁	H	S	∅B	CH	SW	∅G
32	20	M30x1,5	30	G1/8"	M10x1,5	12	78	38	96	38	9	47	33,6	17,5	6	38	10	17	45
40	24	M38x1,5	35	G1/4"	M12x1,75	16	89	45	113	45	12	57	41,6	21	7	46	13	19	50

Stainless Steel female clevis with pin and seeger FFX..DIN


	For cylinder Ø mm	Code	Item	Compliance
	32	041070	FFX10DIN	 
	40	041216	FFX12DIN	
	50-63	041078	FFX16DIN	

Stainless steel rear clevis* with pins CFX..AQM

	For cylinder Ø mm	Code	Item	Compliance
	32	040113	CFX032AQM	-
	40	040111	CFX040AQM	
	50	040139	CFX050AQM	
	63	040031	CFX063AQM	


*Kit composed by rear clevis and two pins.

Stainless Steel foot-hinge* PX..AQM

	For cylinder Ø mm	Code	Item	Compliance
	32	040119	PX032AQM	-
	40	040120	PX040AQM	
	50	040137	PX050AQM	
	63	040138	PX063AQM	


*Mounting require stainless steel head nut type GH..AQM, see below

Stainless Steel pin* SECX..AQM


	For cylinder Ø mm	Code	Item	Compliance
	32	040174	SECX032AQM	-
	40	040175	SECX040AQM	
	50	040176	SECX050AQM	
	63	040177	SECX063AQM	

*Kit composed by two pins.


Stainless Steel head nut GHX..AQM

	For cylinder Ø mm	Code	Item	Compliance
	32	040069	GHX032AQM	-
	40	040187	GHX040AQM	
	50-63	040188	GHX050/063AQM	

Bracket for magnetic reed switch T groove type AFR..




	For cylinder Ø mm	Code	Item	Compliance
	32 ÷ 63	072907	AFR1063	-

Magnetic reed switch T groove ASV..

	For cylinder Ø mm	Code	Item	Cylinder matching
	32 ÷ 63	070946	ASV1C525	RDMX* RDMAX*
		071863	ASV1C550	
		071864	ASV1C51K	
		071189	ASV1C5M8	
		073639	ASV4D225	
		070246	ASV4D2M8	
		074900	ASV7N225	
		070247	ASV7N2M8	
		070372	ASV7M2M8	
		072918	ASV1H525	

*With bracket type AFM.. for magnetic reed switches T groove

ATEX magnetic reed switch T groove MK..

	For cylinder Ø mm	Code	Item	Compliance	Cylinder matching
	32 ÷ 63	071120	MK500A		RDMX* RDMAX*
		071108	MK502A		

*With bracket type AFM.. for magnetic reed switches T groove

STAINLESS STEEL

compact cylinders ISO 21287



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Series of Stainless Steel compact cylinders conforming to ISO 21287 standards in bores from Ø 25 to 100, single or double acting, magnetic. Compatible with mounting accessories for cylinders ISO 15552. Supplied as standard in compliance to Reach and RoHS directives, and SIL certified. Lubrication with synthetic grease long lasting for applications with low start up, granting low friction and a permanent lubrication film. Fully composed by non-toxic elements conforming to FDA Directive section 21 CFR 178 about accidental contact with food (registered NSF H1). On request, can be also supplied according to the 2014/34/EU ATEX Directive.

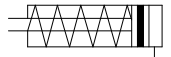


Type CIXS Ø 25 ÷ 100

from page 5.20.20



Stainless Steel compact cylinders conforming to ISO 21287 standards in bores from Ø 25 to 100, single acting, magnetic, with female thread and equipped with elastic dampers on the piston

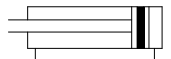


Type CIX Ø 25 ÷ 100

from page 5.20.20



Stainless Steel compact cylinders conforming to ISO 21287 standards in bores from Ø 25 to 100, double acting, magnetic, with female thread and equipped with elastic dampers on the piston



Options		
Description	Symbol	Suffix
Anti-rotating plate (available only for type CIX)		N
Rear spring (available only for type CIXS)		T
Male threaded rod		M
Through rod		P
FKM seals -20°C ÷ +150°C		V
FKM rod seal -20°C ÷ +80°C		V1
Low temperature seals -40°C ÷ +80°C		BT
Extended rod (indicate the requested WH dimension in mm, E.g.: WH=100; for further information please contact the sales department)		WH=..
Special thread (indicate the requested thread. E.g.: R-M 10x1,5; if combined with option M, the AM dimension of the special thread will be the same as the standard; the cylinder will be supplied without rod nut; for further information please contact the sales department).		R-M..
ATEX versions on request		/ATEX
Special versions on request		/S

The options, when this is possible, can be combined with each other. For options matching see the table below; For code key see from page 5.20.4

Options matching

Series	Bore	Model	Standard options matching										
			N	T	M	P	V	V1	BT	WH=.. ⁽¹⁾	R-M.. ⁽²⁾	/ATEX	
CIXS	Ø 25 ÷ 100	Standard	-	●	●	●	●	●	●	●	●	●	●
		Rear spring (T)	-		●	-	●	●	●	●	●	●	●
		Male threaded rod (M)	-	●		●	●	●	●	●	●	●	●
		Through rod (P)	-	-	●		●	●	●	●	●	●	●
CIX	Ø 25 ÷ 100	Standard	●	-	●	●	●	●	●	●	●	●	●
		Anti-rotating plate (N)		-	-	●	●	●	●	●	●	●	●
		Male threaded rod (M)	-	-		●	●	●	●	●	●	●	●
		Through rod (P)	●	-	●		●	●	●	●	●	●	●

Key

● matching accessory; - not matching accessory

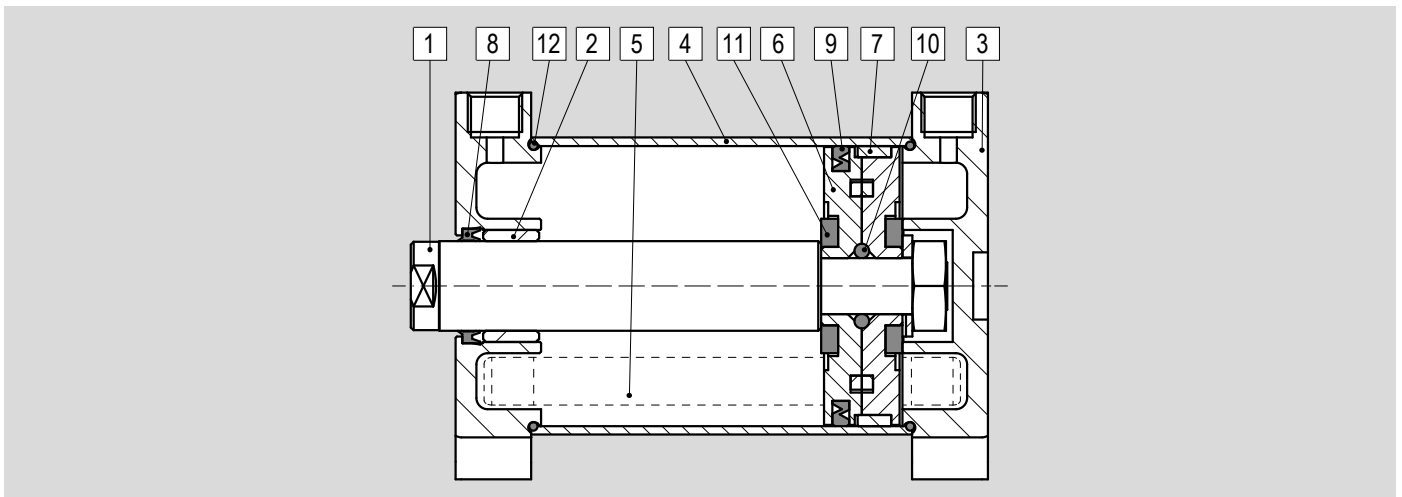
Options matching - note

- (1) Option **WH=..** require to indicate the desired dimension in mm; for models with through rod option (**P**) the extended rod option (**WH=..**) is applied only to one side of the rod. For further information please contact the sales department.
- (2) Option **R-M..** require to indicate the desired thread; for models with through rod option (**P**) the special male thread option (**R-M..**) are applied on both sides of the rod. For further information please contact the sales department.

Code key

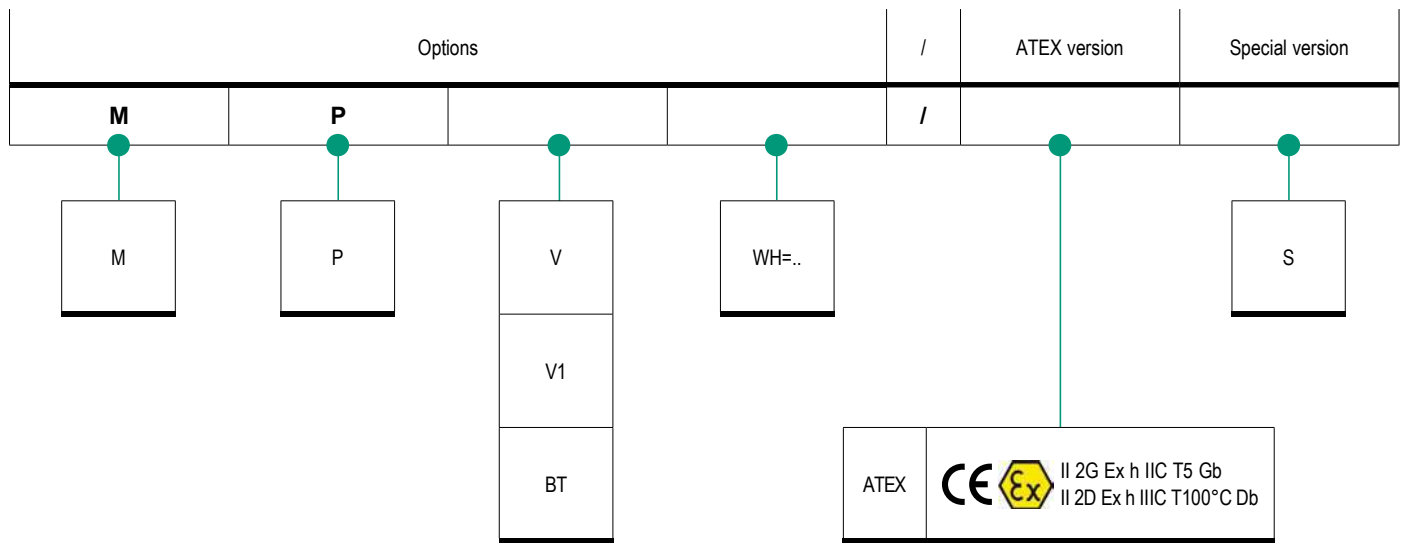
Bore	/	Stroke	Type	Options	
40	/	80	CIX		
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> Ø 25, 32, 40, 50, 63, 80, 100 </div>		<div style="border: 1px solid black; padding: 5px; width: fit-content;"> See page 5.20.20 </div>	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> CIXS Single acting Magnetic </div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-top: 5px;"> CIX Double acting Magnetic </div>	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> N⁽¹⁾ </div>	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> T⁽²⁾ </div>

Standard materials

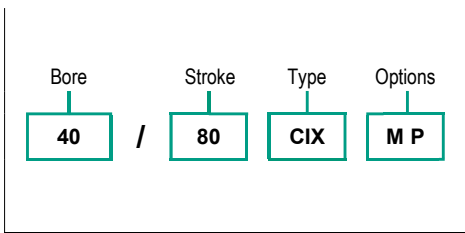


Position	Description	Material
1	Rod	Stainless Steel AISI 316L
2	Bushing	Stainless Steel with PTFE
3	Heads	Stainless Steel AISI 316L
4	Tube	Stainless Steel AISI 316L
5	Tie-rods	Stainless Steel AISI 316L
6	Piston	Aluminium
7	Guide ring	PTFE
8	Rod seal	Polyurethane (PU)
9	Piston seal	NBR
10	Semipiston O-ring	NBR
11	Elastic damper	NBR
12	Tube seal	NBR

5 - STAINLESS STEEL COMPONENTS



How to order



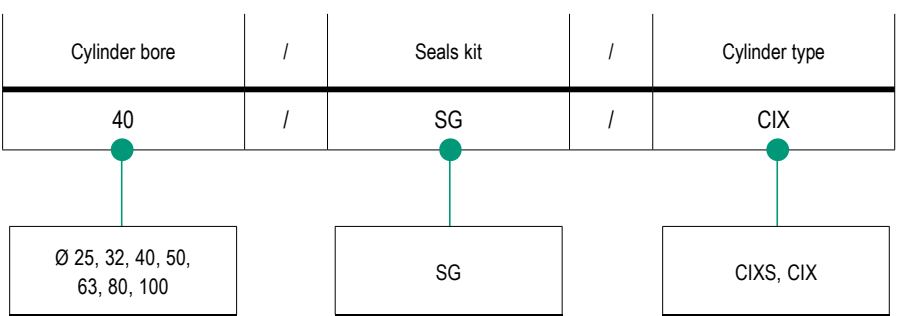
Notes

For standard materials see the table in the next page.
 Options in the same grid are alternative to each others.
 For further information on options and their matching, see page 5.20.3
 For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1
 (1) Available only for type CIX.
 (2) Available only for type CIXS.

Standard* seal kit

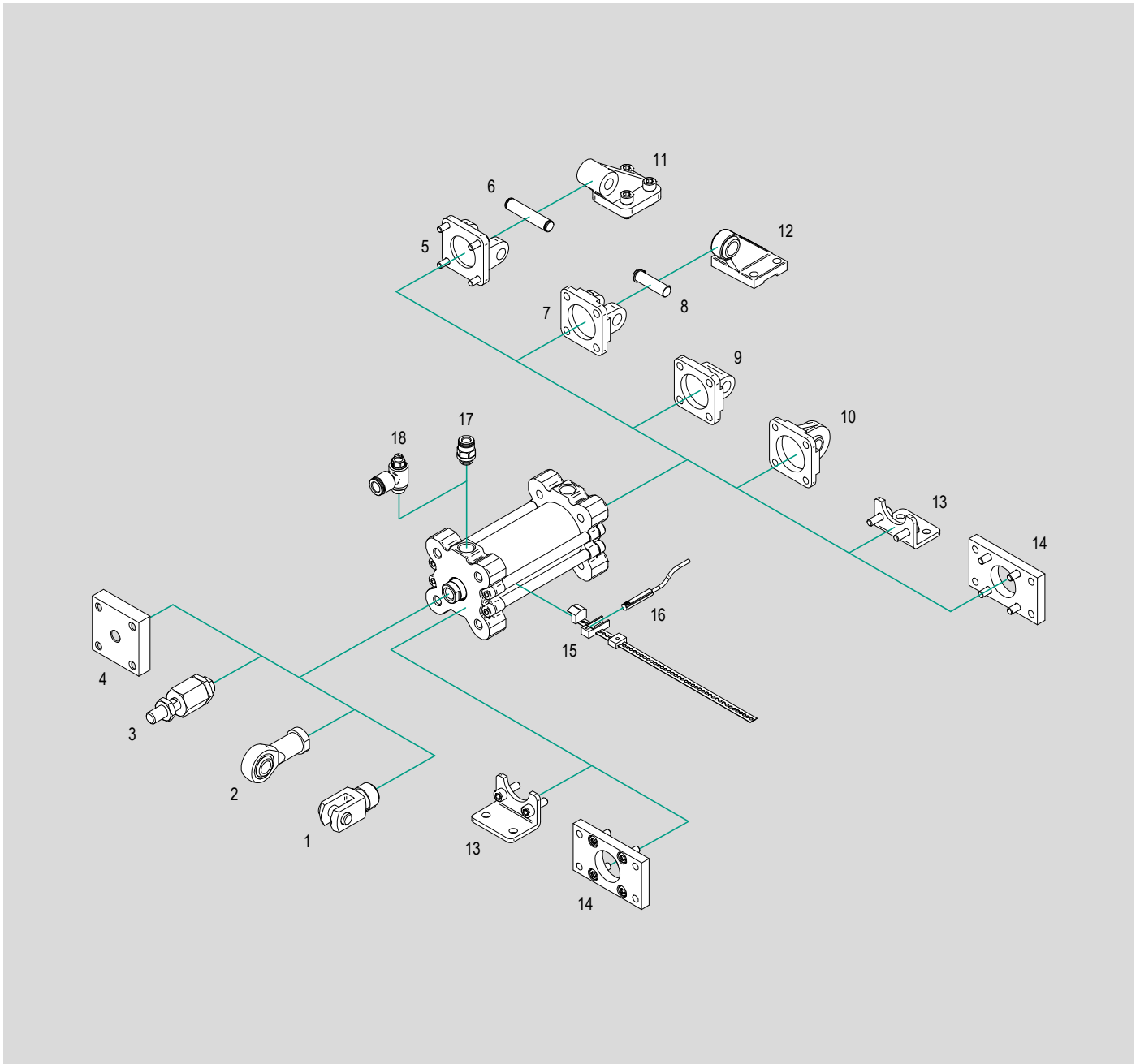
Number of components	Description
n. 1	Rod seal
n. 2	Tube seal
n. 1	Piston seal
n. 1	Sempiston O-ring
n. 1	Piston guide ring
n. 2	Elastic dampers

Standard seal kit code key



*For cylinders with options P, V, V1 or BT the kit include further components,

Accessories



5 - STAINLESS STEEL COMPONENTS

N.	Cylinder bore	Item	Description	Compliance	Matching		Code key page	Data sheet page
					CIXS	CIX		
1	Ø 25 ÷ 100	FFX..ISO	Stainless Steel ISO female clevis with pin and seeger	ISO 8140	● ⁽¹⁾	● ⁽¹⁾	5.20.90	5.52.1
2	Ø 25 ÷ 100	RFX..SE	Stainless Steel bearing heads (DIN 648K) with female thread	ISO 8139	● ⁽¹⁾	● ⁽¹⁾		5.54.1
3	Ø 25 ÷ 100	GBX..	Stainless Steel self-aligning articulated coupling	-	● ⁽¹⁾	● ⁽¹⁾		5.55.1
4	Ø 25 ÷ 100	GCX..	Stainless Steel self-aligning coupling		● ⁽¹⁾	● ⁽¹⁾		5.57.1
5	Ø 32 ÷ 100	CFX..AQIS	Stainless Steel rear clevis	ISO MP2	●	●		5.77.1
6	Ø 32 ÷ 100	SECX..AQIS	Stainless Steel pin with seeger	ISO AA4	●	●	5.20.91	5.75.5
7	Ø 32 ÷ 100	CFSX..AQIS	Stainless Steel narrow rear clevis (for DIN 648K bearing)	ISO AB6	●	●	5.20.90	5.77.1
8	Ø 32 ÷ 100	SECX..ARAQIS	Stainless Steel anti-rotating pin with seeger	ISO AA6	●	●	5.20.91	5.75.5
9	Ø 32 ÷ 100	CMX..AQIS	Stainless Steel rear eye	ISO MP4	●	●	5.20.90	5.77.2
10	Ø 32 ÷ 100	CMSX..AQIS	Stainless Steel narrow rear eye with DIN 648K bearing	ISO MP6	●	●		5.77.2
11	Ø 32 ÷ 100	ASVX..AQIS	Stainless Steel rear 90° hinge	ISO AB7 CETOP RP 107P	●	●		5.77.3
12	Ø 32 ÷ 100	ASSX..AQIS	Stainless Steel rear 90° hinge with DIN 648K spherical bearing	ISO CS7	●	●		5.77.3
13	Ø 25 ÷ 100	PBX..	Stainless Steel low foot	ISO MS1	●	●		5.77.4
14	Ø 32 ÷ 100	FLVX..AQIS	Stainless Steel flange	ISO VDMA MP1/MP2	●	●	5.77.4	
15	Ø 25 ÷ 63	AFR..	Bracket for magnetic reed switch T groove	-	●	●	5.20.91	1.120.3
16	Ø 25 ÷ 63	ASV..	Magnetic reed switch T groove		●	●		1.110.10
		MK..	ATEX magnetic reed switch T groove		2014/34/UE	●		●
17	Ø 25 ÷ 100	RX	Stainless steel push-in fittings	-	●	●	5.302.1	
18	Ø 25 ÷ 100	VX..C	Stainless Steel flow controls, for cylinders		●	●	5.372.1	

Key

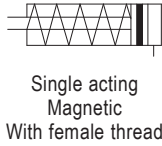
● matching accessory; - not matching accessory

(1) Matching with option **M** only

Main features

25 ÷ 100

Bores Ø



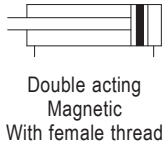
CIXS

Type



25 ÷ 100

Bores Ø



CIX

Type



Technical data

Bore Ø	25	32	40	50	63	80	100
Fluid	Filtered compressed air with or without lubrication. Lubrication, if started, must be continued.						
Pressure range	CIXS	2 ÷ 10 bar					
	CIX	1 ÷ 10 bar					
Temperature range	-20°C ÷ +80°C (standard / V1)			-20°C ÷ +150°C (V)		-40°C ÷ +80°C (BT)	
Ports	M5	1/8"					
Strokes	CIXS*	5 ÷ 25 mm					
	CIX	5 ÷ 300 mm	5 ÷ 400 mm			5 ÷ 500 mm	
Rod thread	CIX-CIXS	M6	M8	M10	M12		
	CIXM-CIXSM	M8x1,25	M10x1,25	M12x1,25	M16x1,5		

*With option N the maximum stroke for bore Ø 25 is 200mm, for bores Ø 32+63 is 300mm, for bores Ø 80+100 is 400mm;

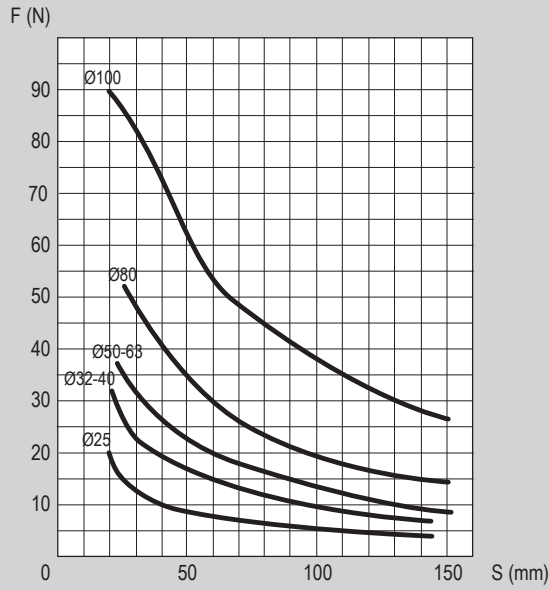
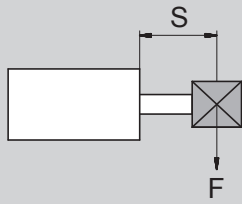
Standard strokes

Stroke mm	CIXS Bore Ø mm						
	25	32	40	50	63	80	100
5							
10							
15							
20							
25							

Stroke mm	CIX Bore Ø mm						
	25	32	40	50	63	80	100
5							
10							
15							
20							
25							
30							
40							
50							
60							
80							
100							
160							
200							
250							
300							
350							
400							
450							
500							

Key
 Standard stroke

Allowable radial loads



Theoretical thrust force

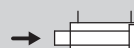
Unit: N



Ø Cylinder (mm)	Pressure range (bar)
	6
25	294
32	482
40	754
50	1178
63	1869
80	3014
100	4710

Theoretical traction force

Unit: N



Ø Cylinder (mm)	Pressure range (bar)
	6
25	247
32	414
40	633
50	989
63	1681
80	2720
100	4416

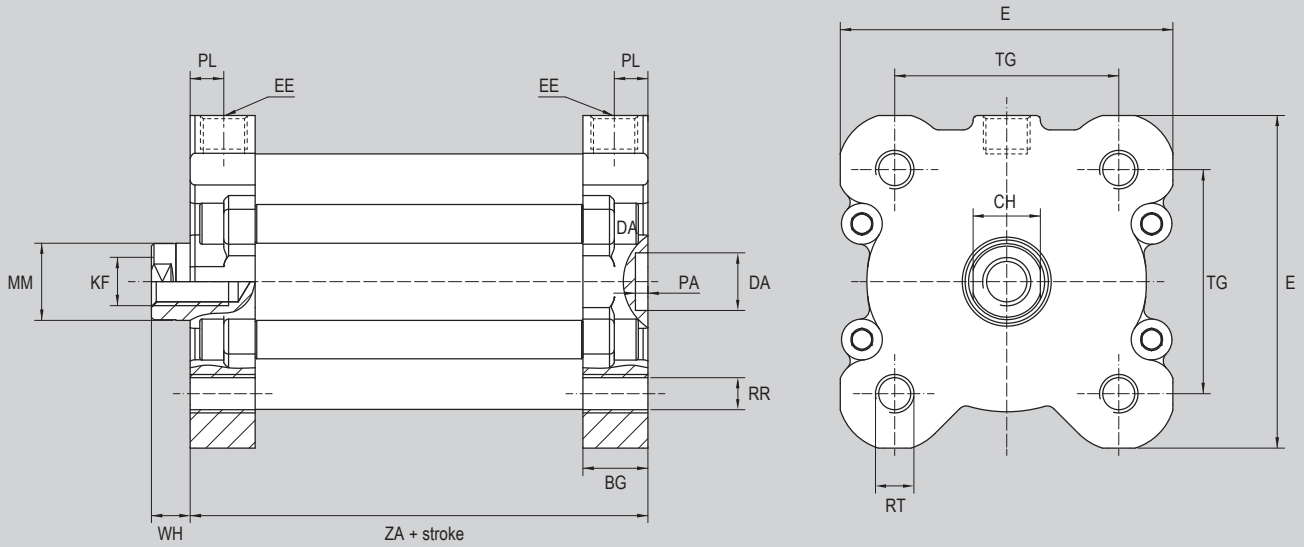
Theoretical spring force (for CIXS type only)

Unit: N

Cylinder Ø (mm)	Strokes (mm)									
	5		10		15		20		25	
	F1	F2	F1	F2	F1	F2	F1	F2	F1	F2
25	30	33	26	33	23	33	20	33	16	33
32	50	54	46	54	42	54	38	54	34	54
40	52	55	50	55	46	55	43	55	40	55
50	59	63	54	63	49	63	44	63	39	63
63	-	-	-	-	62	78	56	78	51	78
80	-	-	-	-	100	116	95	116	89	116
100	-	-	-	-	136	159	129	159	121	159

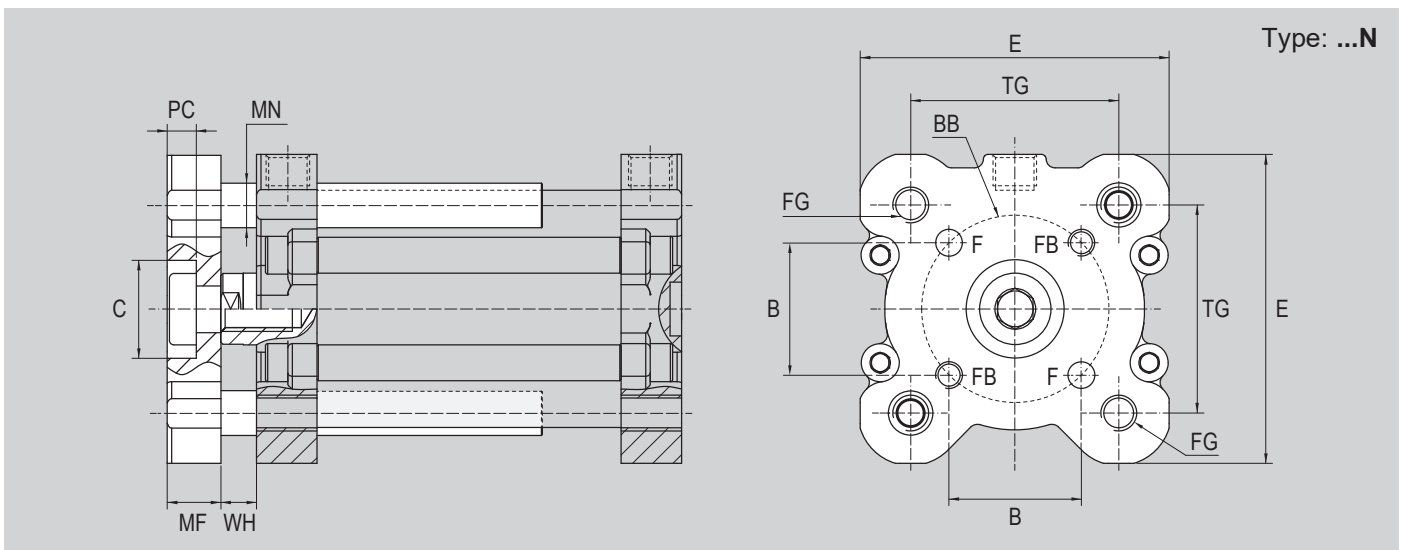
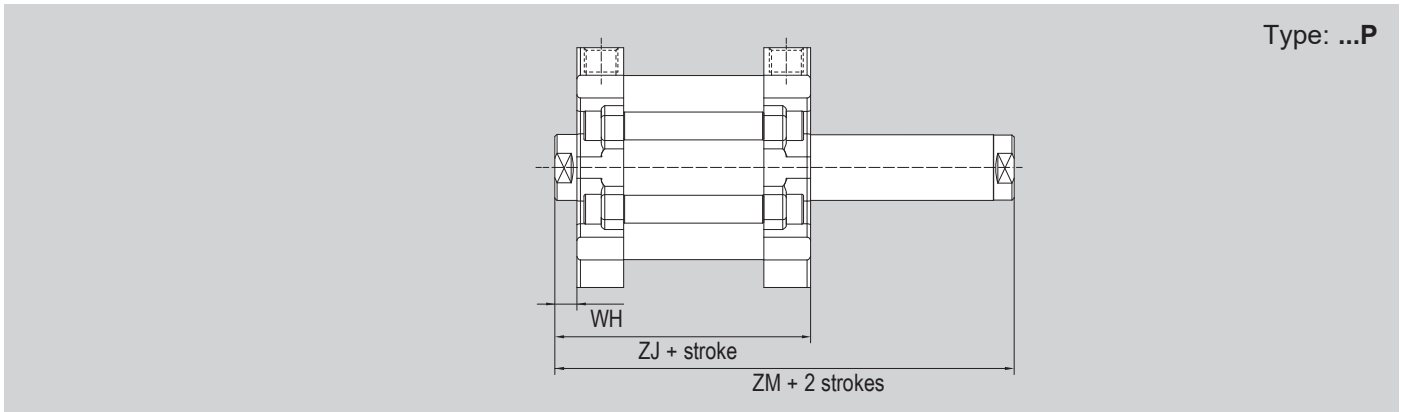
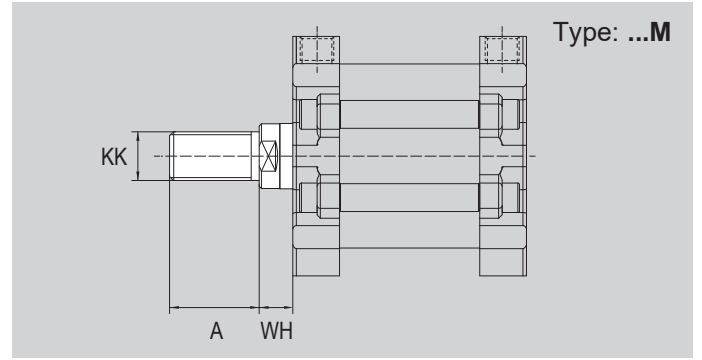
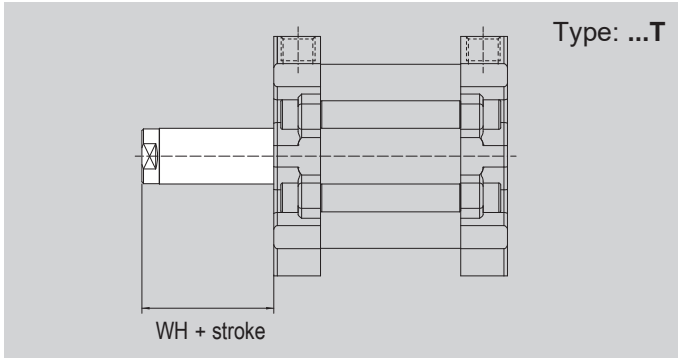
Standard dimensions

Type: CIXS-CIX



Ø (mm)	ØMM f7	WH	ZA	ZB	KF	EE	BG	RR	TG	E	RT	PL	CH	ØDA h9	PA +0,1
25	10	6	39	45	M6	M5	15	4,1	26	40	M5	5	8	9	2,1
32	12	7	44	51	M8	G 1/8"	16	-	32,5	47,5	M6	7	10	9	2,1
40	12	7	45	52	M8	G 1/8"	16	5,1	38	55	M6	7,5	10	9	2,1
50	16	8	45	53	M10	G 1/8"	16	6,4	46,5	66	M8	7,5	14	12	2,6
63	16	8	49	57	M10	G 1/8"	16	6,4	56,5	78	M8	7	14	12	2,6
80	20	10	54	64	M12	G 1/8"	17	8,4	72	96	M10	8	17	12	2,6
100	20	10	67	77	M12	G 1/8"	17	8,4	89	116	M10	8,5	17	12	2,6

Dimensions with options



Ø (mm)	A	KK	WH	ZJ	ZM	MF +0,1	E	TG	B	FG	ØBB ±0,1	ØF +0,1	ØFB	ØC H9	PC	ØMN f7
25	16	M8x1,25	6	45	51	8	40	26	15.6	M5	22	5	M5	14	4,5	6
32	19	M10x1,25	7	51	58	10	50	32,5	19.8	M6	28	5	M5	17	5,5	8
40	19	M10x1,25	7	52	59	10	55	38	23,3	M6	33	5	M5	17	5,5	8
50	22	M12x1,25	8	53	61	12	66	46,5	29,7	M8	42	6	M6	22	6,5	10
63	22	M12x1,25	8	57	65	12	78	56,5	35,4	M8	50	6	M6	22	6,5	10
80	28	M16x1,5	10	64	74	14	96	72	46	M10	65	8	M8	24	7,5	10
100	28	M16x1,5	10	77	87	14	116	89	56.6	M10	80	10	M10	24	7,5	12

Stainless Steel female clevis* with pin and seeger FFX..ISO

	For cylinder Ø mm	Code	Item	Compliance
	25	041054	FFX08ISO	
	32-40	041055	FFX10ISO	
	50-63	041056	FFX12ISO	
	80-100	041057	FFX16ISO	

*Matching with option M only

Stainless Steel bearing heads* (DIN 648K) RFX..SE

	For cylinder Ø mm	Code	Item	Compliance
	25	041577	RFX8SE	
	32-40	040009	RFX10SE	
	50-63	041578	RFX12SE	
	80-100	040011	RFX16SE	

*Matching with option M only

Stainless Steel self-aligning articulated coupling* GBX..

	For cylinder Ø mm	Code	Item	Compliance
	25	041736	GBX020	-
	32-40	041737	GBX040	
	50-63	041738	GBX060	
	80-100	041739	GBX100	

*Matching with option M only

Stainless Steel self-aligning coupling* GCX..

	For cylinder Ø mm	Code	Item	Compliance
	32-40	041728	GCXM10x1,25	-
	50-63	041729	GCXM12x1,25	
	80-100	041730	GCXM16x1,5	

*Matching with option M only

Stainless Steel rear clevis CFX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040012	CFX032AQIS	
	40	040830	CFX040AQIS	
	50	040801	CFX050AQIS	
	63	040014	CFX063AQIS	
	80	040013	CFX080AQIS	
	100	040838	CFX100AQIS	

Pin type SECX..AQIS to be ordered separately, see page 5.20.91

Stainless Steel rear eye CMX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040805	CMX032AQIS	
	40	040806	CMX040AQIS	
	50	040802	CMX050AQIS	
	63	040808	CMX063AQIS	
	80	040016	CMX080AQIS	
	100	040799	CMX100AQIS	

Stainless Steel narrow rear clevis (for DIN 648K bearing) CFSX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040821	CFSX032AQIS	
	40	040822	CFSX040AQIS	
	50	040823	CFSX050AQIS	
	63	040824	CFSX063AQIS	
	80	040825	CFSX080AQIS	
	100	040826	CFSX100AQIS	

Anti-rotating pin type SECX..ARAQIS to be ordered separately, see page 5.20.91

Stainless Steel narrow rear eye with DIN 648K bearing CMSX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040834	CMSX032AQIS	
	40	040835	CMSX040AQIS	
	50	040836	CMSX050AQIS	
	63	040010	CMSX063AQIS	
	80	040837	CMSX080AQIS	
	100	040848	CMSX100AQIS	


Stainless Steel rear 90° hinge ASVX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040809	ASVX032AQIS	
	40	040810	ASVX040AQIS	
	50	040812	ASVX050AQIS	
	63	040813	ASVX063AQIS	
	80	040814	ASVX080AQIS	
	100	040815	ASVX100AQIS	

Stainless Steel rear 90°hinge with DIN 648K spherical bearing ASSX..AQIS


	For cylinder Ø mm	Code	Item	Compliance
	32	040850	ASSX032AQIS	
	40	040851	ASSX040AQIS	
	50	040852	ASSX050AQIS	
	63	040853	ASSX063AQIS	
	80	040854	ASSX080AQIS	
	100	040855	ASSX100AQIS	

Stainless Steel low foot* PBX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040872	PBX032AQIS	
	40	040873	PBX040AQIS	
	50	040874	PBX050AQIS	
	63	040875	PBX063AQIS	
	80	040876	PBX080AQIS	
	100	040877	PBX100AQIS	


*Supplied individually

Stainless Steel flange FLVX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040864	FLVX032AQIS	
	40	040865	FLVX040AQIS	
	50	040840	FLVX050AQIS	
	63	040866	FLVX063AQIS	
	80	040867	FLVX080AQIS	
	100	040868	FLVX100AQIS	


Stainless Steel flat head allen screw type VBTRX to be ordered separately, see page 5.79.1

Stainless Steel pin with seeger* SECX..AQIS

	For cylinder Ø mm	Code	Item	Compliance
	32	040829	SECX032AQIS	
	40	040831	SECX040AQIS	
	50	040811	SECX050AQIS	
	63	040832	SECX063AQIS	
	80	040015	SECX080AQIS	
	100	040839	SECX100AQIS	


*Supplied with 2 seeger

Stainless Steel anti-rotating pin with seeger* SECX..ARAQIS


	For cylinder Ø mm	Code	Item	Compliance
	32	040857	SECX032ARAQIS	
	40	040858	SECX040ARAQIS	
	50	040859	SECX050ARAQIS	
	63	040860	SECX063ARAQIS	
	80	040861	SECX080ARAQIS	
	100	040862	SECX100ARAQIS	

*Supplied with 1 seeger


Magnetic reed switch T groove ASV..

	For cylinder Ø mm	Code	Item	Cylinder matching
	25 ÷ 63	070946	ASV1C525	CIXS CIX
		071863	ASV1C550	
		071864	ASV1C51K	
		071189	ASV1C5M8	
		073639	ASV4D225	
		070246	ASV4D2M8	
		074900	ASV7N225	
		070247	ASV7N2M8	
		070372	ASV7M2M8	
		072918	ASV1H525	

ATEX magnetic reed switch T groove MK..

	For cylinder Ø mm	Code	Item	Compliance	Cylinder matching
	25 ÷ 63	071120	MK500A		CIXS CIX
		071108	MK502A		

Bracket for magnetic reed switch T groove type AFR..

	For cylinder Ø mm	Code	Item	Compliance
	25 ÷ 63	072907	AFR1063	-

STAINLESS STEEL

rod accessories for cylinders



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Stainless Steel rod accessories for cylinders. Wide range of accessories for the cylinder piston rod fully made of stainless steel, to suite all applications. All rod accessories are supplied in compliance with Reach and RoHS directives.



Stainless Steel clevis ISO

from page 5.52.1



Series of stainless steel female clevis conforming to ISO 8140 standards for mounting onto the male piston rod of the cylinder.

Stainless Steel clevis DIN

from page 5.52.1



Series of stainless steel female clevis conforming to DIN 71752 standards for mounting onto the male piston rod of the cylinder.

Stainless Steel bearing heads

from page 5.54.1



Stainless Steel Bearings. Self-lubricating bearing heads (DIN 648K) with female thread, servicing-free conforming to ISO 8139 standard.

Stainless Steel self-aligning articulated coupling

from page 5.55.1



Bearings. Self-aligning articulated coupling. Supplied with hexagonal nut. For mounting onto the male piston rod of the cylinder. Allow to compensate the angular and parallel misalignments. Suitable for applications with high tractions.

Stainless Steel self-aligning coupling

from page 5.57.1



Couplings. Self-aligning articulated coupling for mounting onto the male piston rod of the cylinder. Allow to compensate the angular and parallel misalignments.

Matching							
Item	Description	Matching with stainless steel cylinders					See page
		ISO6432 MDMX.. MDMAX..	ISO15552 AMX..	ROUND RDX.. RDMX.. RDMAX..	ROUND RXD..	ISO21287 CIX..	
FFX..ISO	Stainless Steel ISO clevis	●	●	-	●	● ⁽¹⁾	5.52.1
FFX..DIN	Stainless Steel DIN clevis	-	-	●	-	-	5.52.1
RFX..SE	Stainless Steel bearing heads	●	●	-	●	● ⁽¹⁾	5.54.1
GBX..	Stainless Steel self-aligning articulated coupling	●	●	-	●	● ⁽¹⁾	5.55.1
GCX..	Stainless Steel self-aligning coupling	●	●	-	●	● ⁽¹⁾	5.57.1

Key
 ● allowed matching; - not allowed matching
 (1) matching with option M only.

Stainless Steel rod accessories for cylinders

Stainless Steel clevis



Main features

8 ÷ 200

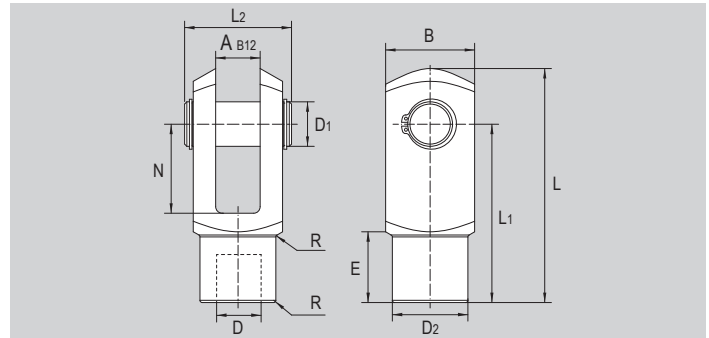


FFX..ISO

Bores Ø

8140

Type



Options

Description	Suffix
Special versions on request	/S

Technical data

Type	Description	Materials
FFX..ISO	Female clevis. Conforming to ISO standards. Supplied complete with pin and seeger.	Stainless Steel AISI 316

Dimensions

For cylinder Ø mm	Code	Item	D (thread)	A _{B12}	B	D ₁	D ₂	E	L	L ₁	L ₂	N	R	Weight (g)
8-10	041052	FFX04ISO/DIN	M4x0,7	4	8	4	8	6	21	16	11	8	0,5	7
12-16	041053	FFX06ISO/DIN	M6x1	6	12	6	10	9	31	24	16	12	0,5	19
20	041054	FFX08ISO	M8x1,25	8	16	8	14	12	42	32	22	16	0,5	47
25-32	041055	FFX10ISO	M10x1,25	10	20	10	18	15	52	40	25	20	0,5	89
40	041056	FFX12ISO	M12x1,25	12	24	12	20	18	62	48	30	24	0,5	153
50-63	041057	FFX16ISO	M16x1,5	16	32	16	26	24	83	64	39	32	1	320
80-100	041058	FFX20ISO	M20x1,5	20	40	20	34	30	105	80	48	40	1	680
125	041112	FFX27ISO	M27x2	30	55	30	48	38	148	110	-	54	1	-
160-200	041113	FFX36ISO	M36x2	35	70	35	60	40	188	144	-	72	1	-

Main features

8 ÷ 63

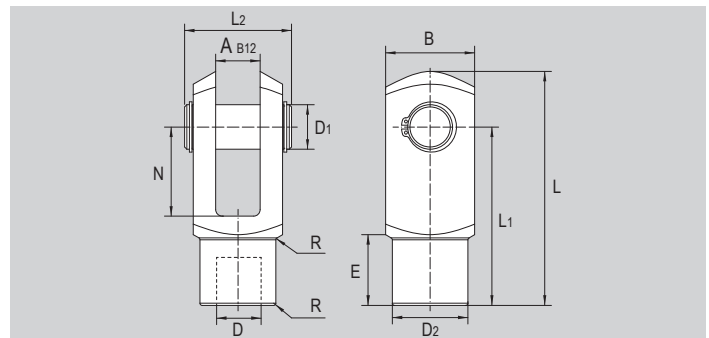


FFX..DIN

Bores Ø

71752

Type



Options

Description	Suffix
Special versions on request	/S

Technical data

Type	Description	Materials
FFX..DIN	Female clevis. Conforming to DIN standards. Supplied complete with pin and seeger.	Stainless Steel AISI 316

Dimensions

For cylinder Ø mm	Code	Item	D (thread)	A _{B12}	B	D ₁	D ₂	E	L	L ₁	L ₂	N	R	Weight (g)
8-10	041052	FFX04ISO/DIN	M4x0,7	4	8	4	8	6	21	16	11	8	0,5	7
*	041071	FFX05DIN	M5x0,8	6	10	5	9	7,5	26	20	13,5	10	0,5	12
12-16	041053	FFX06ISO/DIN	M6x1	6	12	6	10	9	31	24	16	12	0,5	19
32**	041070	FFX10DIN	M10x1,5	10	20	10	18	15	52	40	25	20	0,5	89
40**	041216	FFX12DIN	M12x1,75	12	24	12	20	18	62	48	30	24	0,5	153
50-63**	041078	FFX16DIN	M16x2	16	32	16	26	24	83	64	39	32	1	320

*For cylinders not conforming to standards; **For cylinders series RDX, RDMX, RDMAX

Stainless Steel rod accessories for cylinders

Bearings - Stainless Steel bearing heads



Main features

8 ÷ 200

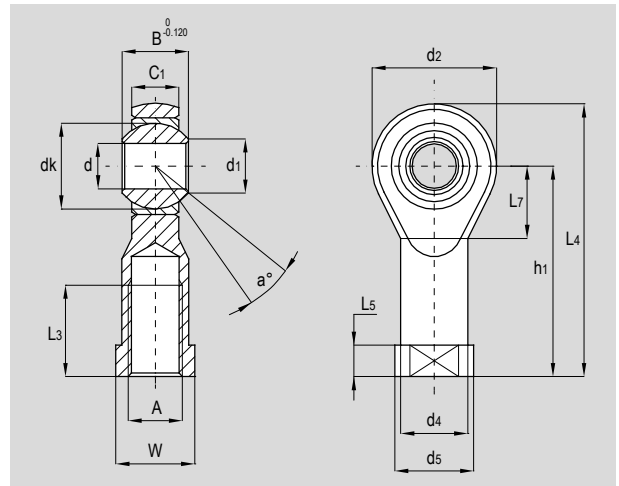


RFX..SE

Bores Ø

8139

Type



Technical data

Type	Description	Materials
RFX..SE	Bearings. Bearing head (DIN 648K) self lubricating and servicing free, with female thread.	Stainless Steel AISI 304

Dimensions

For cylinders ISO Ø mm	Code	Item	d _{h6}	A _{h7}	B	C ₁	d ₁	d ₂	d ₄	d ₅	dk	h ₁	L ₃	L ₄	L ₅	L ₇	W	a°	Static load (daN)	Weight (g)
8-10	041576	RFX5SE	5	M4x0,7	8	6	7,7	18	9	11	11,112	27	10	36	4	10	9	13	600	19
12-16	041570	RFX6SE	6	M6x1	9	6,75	8,9	20	10	13	12,700	30	12	40	5	11	11	13	700	26
20	041577	RFX8SE	8	M8x1,25	12	9	10,4	24	12,50	16	15,875	36	16	48	5	13	14	14	1200	46
25-32	040009	RFX10SE	10	M10x1,25	14	10,50	12,9	28	15	19	19,050	43	20	57	6,5	15	17	13	1400	75
40	041578	RFX12SE	12	M12x1,25	16	12	15,4	32	17,50	22	22,225	50	22	66	6,5	17	19	13	1900	112
50-63	040011	RFX16SE	16	M16x1,5	21	15	19,3	42	22	27	28,575	64	28	85	8	23	22	15	4800	220
80-100	041579	RFX20SE	20	M20x1,5	25	18	24,3	50	27,50	34	34,925	77	33	102	10	27	30	14	5200	406
125	041580	RFX30SE	30	M27x2	37	25	34,8	70	40	50	50,800	110	51	145	15	36	41	17	10800	1120
160-200	041581	RFX35SE	35	M36x2	43	28	37,7	80	46	58	57,150	125	56	165	17	41	50	19	12400	1595

Stainless Steel rod accessories for cylinders

Bearings - Stainless Steel self-aligning articulated coupling



Main features

8 ÷ 125

Bores Ø

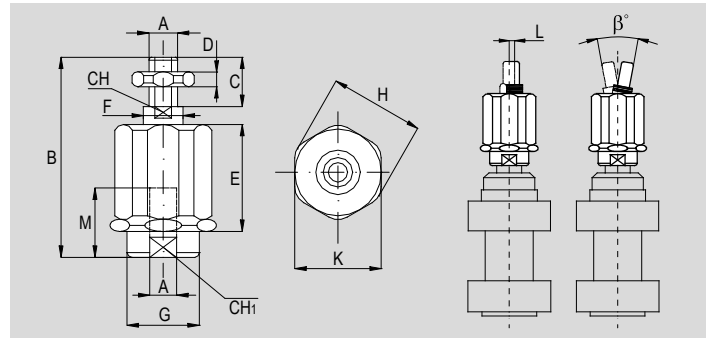
GBX

Type



Options

Description	Suffix
Special versions on request	/S



Technical data

Type	Description	Materials
GBX..	Bearings. Self-aligning articulated coupling. Supplied with hexagonal nut. For mounting onto the male piston rod of the cylinder. Allow to compensate the angular and parallel misalignments. Suitable for applications with high tractions.	Stainless Steel AISI 303

Dimensions

For cylinders ISO Ø mm	Code	Item	A (thread)	B	C	D	E	ØF	ØG	ØH	K	L	M	β°	CH	CH ₁	Max thrust and traction load (N)	Weight (g)
8-10	041734	GBX008	M4x0,7	33	8	2,2	15,5	6	8,5	14,5	12	1	10	3,2	10	12	750	20
12-16	041735	GBX010	M6x1	39	12	3,2	17,5	6	8,5	14,5	13	1	10	5	10	7	1200	23
20	041736	GBX020	M8x1,25	55	16	4	24,5	8	12,5	19	17	2	20	7	10	10	2500	60
25-32	041737	GBX040	M10x1,25	73	20	5	34	14	21	32	30	2	20	12	10	19	5000	230
40	041738	GBX060	M12x1,25	77	24	6	34	14	21	32	30	2	20	12	10	19	5000	230
50-63	041739	GBX100	M16x1,5	108	32	8	54	22	33,5	45	41	2	32	19	10	30	10000	650
80-100	041721	GBX120	M20x1,5	122	40	9	54	22	33,5	45	41	2	40	19	10	30	10000	710
125	041740	GBX130	M27x2	147	54	13,5	55	-	59	60	55	-	40	24	-	32	-	1600

Stainless Steel rod accessories for cylinders

Couplings - Self-aligning coupling



Main features

25 ÷ 200

Bores Ø

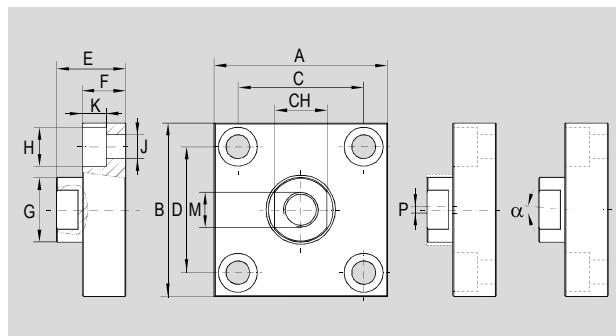
GCX

Type



Options

Description	Suffix
Special versions on request	/S



Technical data

Type	Description	Materials
GCX..	Couplings. Self-aligning articulated coupling for mounting onto the male piston rod of the cylinder. Allow to compensate the angular and parallel misalignments.	Stainless Steel AISI 303

Dimensions

M (thread)	Code	Item	A	B	C	D	CH	E	F	ØG	ØH	ØJ	K	P	α	Weight (g)
M10x1,25	041728	GCXM10x1,25	60	37	36 ±0,15	23 ±0,15	17	24	15	20	11	6,6	7	2	0,4+0,8	300
M12x1,25	041729	GCXM12x1,25	60	56	42 ±0,2	38 ±0,2	19	30	20	25	15	9	9	2	0,4+0,8	400
M16x1,5	041730	GCXM16x1,5	80	80	58 ±0,2	58 ±0,2	24	32	20	30	18	11	11	2	0,4+0,8	900
M20x1,5	041731	GCXM20x1,5	90	90	65 ±0,2	65 ±0,2	36	35	20	40	20	14	13	2	0,4+0,8	1100
M27x2	041732	GCXM27x2	90	90	65 ±0,2	65 ±0,2	36	35	20	40	20	14	13	2	0,4+0,8	1100
M36x2	041733	GCXM36x2	125	125	90 ±0,2	90 ±0,2	50	73,5	30	60	26	18	17	3	0,4+0,95	3400

STAINLESS STEEL

mounting accessories for cylinders



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Series of stainless steel mounting accessories for cylinders. For front, rear or center mounting, or to couple with other accessories (e.g.: hinges), to allow the choice of the most appropriate mounting. All mounting accessories are supplied in compliance with Reach and RoHS directives.



Stainless Steel mountings for cylinders ISO 6432

from page 5.71.1



Series of stainless steel mountings for cylinders ISO 6432. Rear clevises ISO MP3, flanges ISO MS3 and high feet ISO MF8.

Stainless Steel mountings for round cylinders type RDX, RDMX, RDMAX

from page 5.73.1



Series of stainless steel mountings for round cylinders type RDX, RDMX and RDMAX. Rear clevises, foot-hinges, pins and head nuts.

Stainless Steel mountings for round cylinders series RXD

from page 5.73.50



Series of stainless steel mountings for round cylinders series RXD (only for type with integrated clevises or with threaded end caps): rear clevises ISO MP2, rear eyes ISO MP4, narrow rear clevises ISO AB6, 90° rear hinges ISO AB7 CETOP RP107P, pins ISO AA4, pins ISO AA6, foot-hinges and head nuts.

Stainless Steel mountings for cylinders ISO 15552

from page 5.75.1



Series of stainless steel mountings for cylinders ISO 15552. Rear clevises ISO MP2, rear eye ISO MP4, narrow rear clevises ISO AB6 and narrow rear eyes ISO MP6 with spherical bearing DIN 648K, flanges ISO-VDMA MF1/MF2, 90° rear hinges ISO AB7 CETOP RP107P and 90° rear hinges ISO CS7 with spherical bearing DIN 648K, low feet ISO MS1, pins ISO AA4, pins ISO AA6 and center trunnions ISO MT4.

Stainless Steel mountings for compact cylinders ISO 21287

from page 5.77.1



Series of stainless steel mountings for compact cylinders ISO 21287. Rear clevises ISO MP2, rear eye ISO MP4, narrow rear clevises ISO AB6 and narrow rear eyes ISO MP6 with spherical bearing DIN 648K, flanges ISO-VDMA MF1/MF2, 90° rear hinges ISO AB7 CETOP RP107P and 90° rear hinges ISO CS7 with spherical bearing DIN 648K and low feet ISO MS1.

Stainless Steel mounting screws and grains for cylinders

from page 5.79.1



Series of stainless steel mounting elements for cylinders. Screws conforming to UNI5931 standards, screws conforming to DIN 6912 standards and grains conforming to DIN 127B standards.

Stainless Steel mounting accessories for cylinders

Stainless Steel mountings for cylinders ISO 6432



Main features

12 ÷ 25

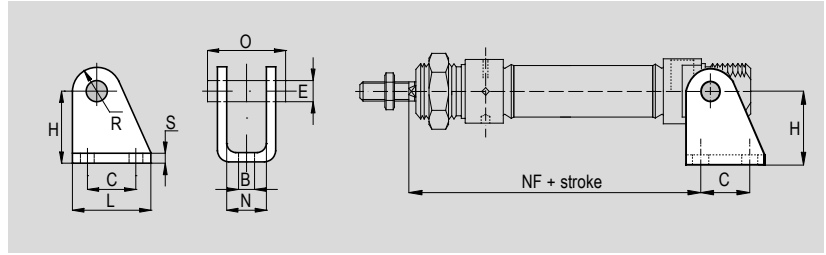


CFX

Bores Ø

MP3

Type



Technical data

Type	Description	Material
CFX..	Mounting for cylinders. Rear clevis. Supplied with pin and two seeger.	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	B	E	C	H	L	N	O	R	S	NF	Weight (g)
12	040046	CFX12-16	5,5	6	15	27	25	12,1	24	7	3	-	36
16												80	
20	040047	CFX20-25	6,5	8	20	30	32	16,1	31	10	4	91	78
25												100	

Main features

12 ÷ 25

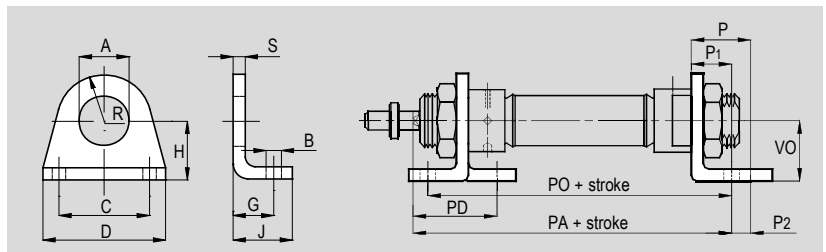


PX

Bores Ø

MS3

Type



Technical data

Type	Description	Material
PX..	Mounting for cylinders in steel. High foot. For rear or front mounting (head nut required. One head nut supplied with cylinders as standard). Supplied individually.	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	A	B	C	D	G	H	J	R	S	PD	PO	PA	P	P ₁	P ₂	VO	Weight (g)
12	040026	PX12-16	16,1	5,5	32	42	14	20	20	13	4	32	-	-	20	14	6	20	40
16													84	92					
20	040027	PX20-25	22,1	6,6	40	54	17	25	25	20	5	36	102	109	25	17	8	25	90
25																			

Stainless Steel mounting accessories for cylinders

Stainless Steel mountings for cylinders ISO 6432



Main features

12 ÷ 25

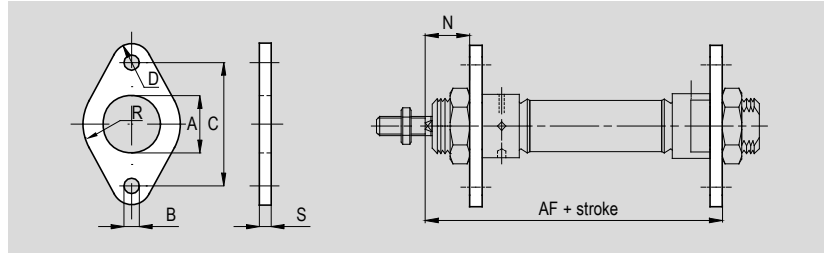


FX

Bores Ø

MF8

Type



Technical data

Type	Description	Material
FX..	Mounting for cylinders. Flange. For rear or front mounting (head nut required. One head nut supplied with cylinders as standard). Supplied individually.	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	A	B	C	R	D	S	N	AF	Weight (g)
12	040006	FX12-16	16	5,5	40	15	6	4	18	77	26
16										82	
20	040007	FX20-25	22	6,6	50	20	8	5	19	97	60
25									23	102,5	

Stainless Steel mounting accessories for cylinders

Stainless Steel mountings for round cylinders type RDX, RDMX, RDMAX



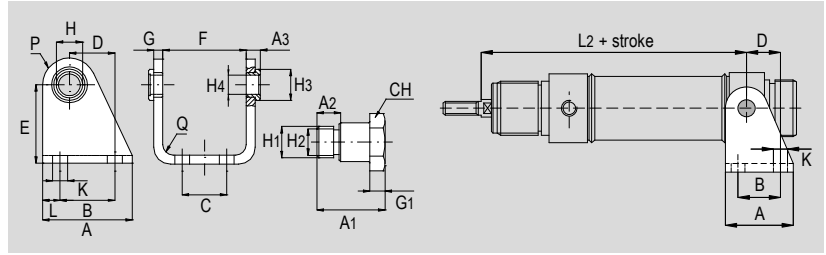
Main features

32 ÷ 63

Bores Ø

CFX..AQM

Type



Technical data

Type	Description	Material
CFX..AQM	Mounting for round cylinders type RDX, RDMX, RDMAX. Rear clevis. For front or rear mounting. Supplied with two pins.	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	A	A ₁	A ₂	A ₃	B	C	D	E	F	G	G ₁	H	H ₁	H ₂	H ₃	H ₄	CH	K	L	P	Q	L ₃
32	040113	CFX032AQM	40	18	6	6	24	20	20	35	38,1	4	4	12	10	M8x1	12	10	13	7	8	12	4	125
40	040111	CFX040AQM	50	21,6	7	7	30	28	27	40	46,1	5	5	15	12	M10x1	15	12	17	9	10	13	5	146
50	040139	CFX050AQM	54	26,4	9	8,5	34	36	30	45	57,1	6	6	18	14	M12x1,5	20	14	19	9	10	14	6	158
63	040031	CFX063AQM	65	33,5	13	8,5	35	42	34	50	70,1	6	6	20	16	M14x1,5	23	16	19	9	15	16	6	161

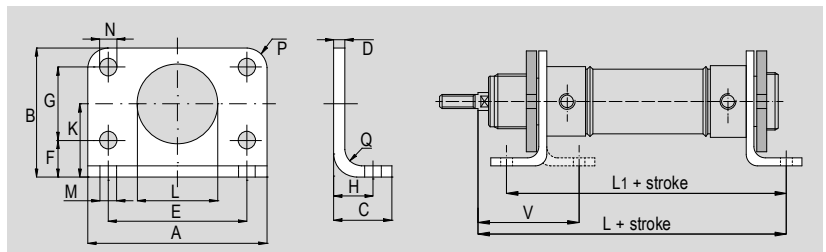
Main features

32 ÷ 63

Bores Ø

PX..AQM

Type



Technical data

Type	Description	Material
PX..AQM	Mounting for round cylinders type RDX, RDMX, RDMAX. Foot-flange. For front or rear mounting (head nut type GHX..AQM required, see page 5.73.2. One head nut supplied with cylinders as standard). Supplied individually.	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	A	B	C	D	E	F	G	H	K	ØL	ØM	ØN	P	Q	V	L	L ₁
32	040119	PX032AQM	66	49	21	4	52	14	28	14	28	30	7	7	7	4	48	148	124
40	040120	PX040AQM	80	58	30	5	60	18	30	20	33	38	9	9	10	5	60	153	153
50	040137	PX050AQM	90	70	30	6	70	20	40	20	40	45	9	9	10	6	64	160	160
63	040138	PX063AQM	96	80	30	6	76	20	50	20	45	45	9	9	10	6	65	164	164

Stainless Steel mounting accessories for cylinders

Stainless Steel mountings for round cylinders type RDX, RDMX, RDMAX



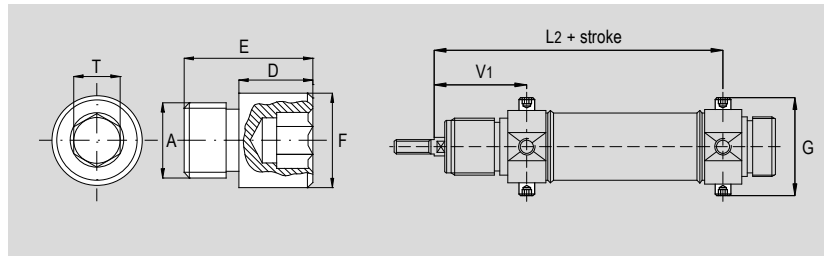
Main features

32 ÷ 63

SECX..AQM

Bores Ø

Type



Technical data

Type	Description	Material
SECX..AQM	Mounting for round cylinders type RDX, RDMX, RDMAX. Pin. For front or rear mounting. Kit composed by two pins.	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	A	D	E	F	T	G	V ₁	L ₂
32	040174	SECX032AQM	M8x1	8	14	Ø 10	5	51	47	125
40	040175	SECX040AQM	M10x1	9,5	16,5	Ø 12	6	61	57	146
50	040176	SECX050AQM	M12x1,5	11	20	Ø 14	6	75	62	158
63	040177	SECX063AQM	M14x1,5	13	28	Ø 16	8	92	63	161

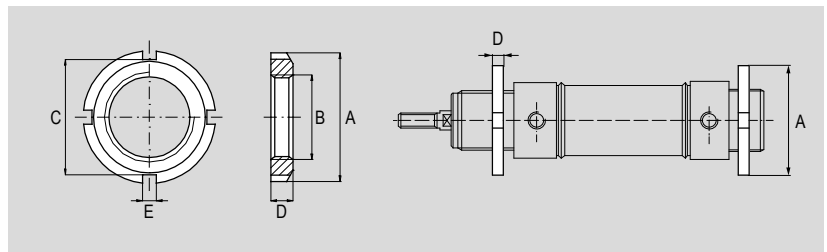
Main features

32 ÷ 63

GHX..AQM

Bores Ø

Type



Technical data

Type	Description	Material
GHX..AQM	Mounting for round cylinders type RDX, RDMX, RDMAX. Head nut. For front or rear mounting. Supplied individually.	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	A	B	C	D	E
32	040069	GHX032AQM	Ø 45	M30x1,5	40	7	5
40	040187	GHX040AQM	Ø 50	M38x1,5	46	8	5
50-63	040188	GHX050/063AQM	Ø 58	M45x1,5	52	9	6

5 - STAINLESS STEEL COMPONENTS

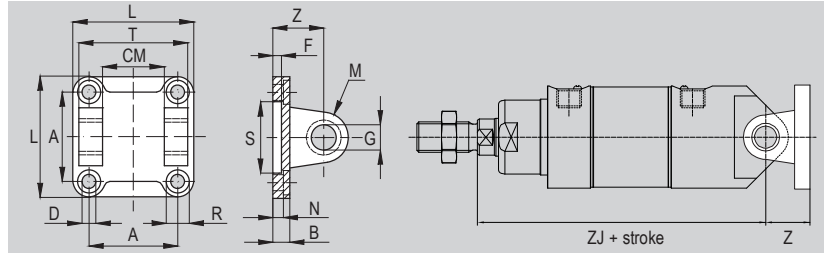
Stainless Steel mounting accessories for cylinders

Stainless Steel mountings for round cylinders series RXD



Main features

32 ÷ 63 **ISO** CFX..AQIS
Bores Ø MP2 Type



Technical data

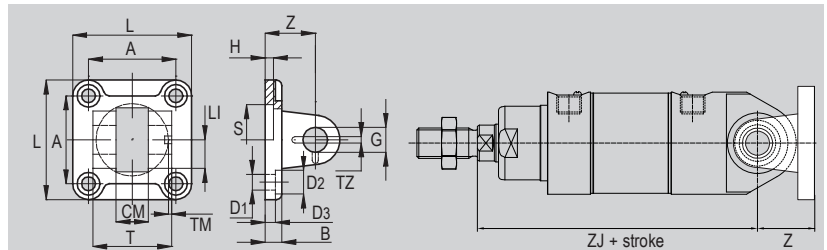
Type	Description	Material
CFX..AQIS	Mounting for round cylinders type RXDCM. Rear clevis for mounting with rear eye integrated in the rear end caps of the cylinder. Pin type SECX..AQIS to be ordered separately, see page 5.75.5; Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	A	L	D	R	N	B	S	F	Z	G	M	CM	T	ZJ	Weight (g)
32	040012	CFX032AQIS	32,5	45	6,6	11	5,5	10	30	5	22	10	10	26	45	142	-
40	040830	CFX040AQIS	38	55	6,6	11	5,5	10	35	5	25	12	12	28	52	160	-
50	040801	CFX050AQIS	46,5	65	9	15	6,5	10	40	5	27	12	12	32	60	170	-
63	040014	CFX063AQIS	56,5	75	9	15	6,5	12	45	5	32	16	16	40	70	190	-

Main features

32 ÷ 63 **ISO** CFSX..AQIS
Bores Ø AB6 Type



Technical data

Type	Description	Material
CFSX..AQIS	Mounting for round cylinders type RXDCS. Narrow rear clevis for mounting with narrow rear eye (with DIN 648K spherical bearing) integrated in the rear end caps of the cylinder. Anti-rotating pin type SECX..ARAQIS to be ordered separately, see page 5.75.5; Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 316

Dimensions

For cylinder Ø mm	Code	Item	L	T	CM	A	Z	H	B	D ₃	S	G	D ₁	D ₂	TM	TZ	LI	ZJ	Weight (g)
32	040821	CFSX032AQIS	45	34	14	32,5	22	5	10	5,5	30	10	6,6	11	3	3,3	11,5	142	-
40	040822	CFSX040AQIS	55	40	16	38	25	5	10	5,5	35	12	6,6	11	4	4,3	12	160	-
50	040823	CFSX050AQIS	65	45	21	46,5	27	5	10	6,5	40	16	9	15	4	4,3	14	170	-
63	040824	CFSX063AQIS	75	51	21	56,5	32	5	12	6,5	45	16	9	15	4	4,3	14	190	-

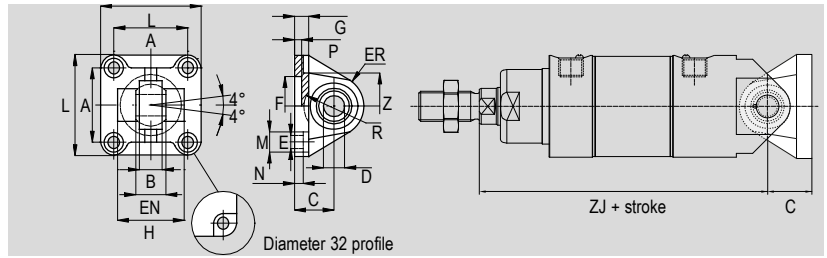
Stainless Steel mounting accessories for cylinders

Stainless Steel mountings for round cylinders series RXD



Main features

32 ÷ 63 **ISO** CMSX..AQIS
Bores Ø AB6 Type



Technical data

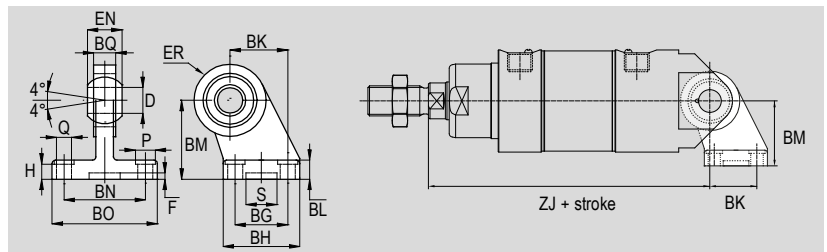
Type	Description	Material
CMSX..AQIS	Mounting for round cylinders type RXDCF. Narrow rear eye with DIN 648K spherical bearing for mounting with narrow rear clevis integrated in the rear end caps of the cylinder. Anti-rotating pin type SECX..ARAQIS to be ordered separately, see page 5.75.5; Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 316

Dimensions

For cylinder Ø mm	Code	Item	A	B	C	D	EN	ER	F	G	E	L	M	N	P	H	R	ZJ	Weight (g)
32	040834	CMSX032AQIS	32,5	10,5	22	10	14	15	30	10	6,6	45	10,5	5,5	5	-	-	142	-
40	040835	CMSX040AQIS	38	12	25	12	16	18	35	10	6,6	55	11	5,5	5	-	-	160	-
50	040836	CMSX050AQIS	46,5	15	27	16	21	20	40	10	9	65	15	6,5	5	51	19	170	-
63	040010	CMSX063AQIS	56,5	15	32	16	21	23	45	12	9	75	15	6,5	5	-	-	190	-

Main features

32 ÷ 63 **ISO** ASSX..AQIS
Bores Ø CS7 Type



Technical data

Type	Description	Material
ASSX..AQIS	Mounting for round cylinders type RXDCF. Rear 90° hinge with DIN 648K spherical bearing for mounting with narrow rear clevis integrated in the rear end caps of the cylinder. Anti-rotating pin type SECX..ARAQIS to be ordered separately, see page 5.75.5; Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 316

Dimensions

For cylinder Ø mm	Code	Item	Q	P	BG	BH	BK	BL	BM	BN	BO	EN	ER	BQ	D	H	S	F	ZJ	Weight (g)
32	040850	ASSX032AQIS	6,6	11	18	31	21	10	32	38	51	14	15	10,5	10	8,5	20	3	142	-
40	040851	ASSX040AQIS	6,6	11	22	35	24	10	36	41	54	16	18	12	12	8,5	20	3	160	-
50	040852	ASSX050AQIS	9	15	30	45	33	12	45	50	65	21	20	15	16	10,5	20	3	170	-
63	040853	ASSX063AQIS	9	15	35	50	37	12	50	52	67	21	23	15	16	10,5	20	3	190	-

5 - STAINLESS STEEL COMPONENTS

Stainless Steel mounting accessories for cylinders

Stainless Steel mountings for round cylinders series RXD



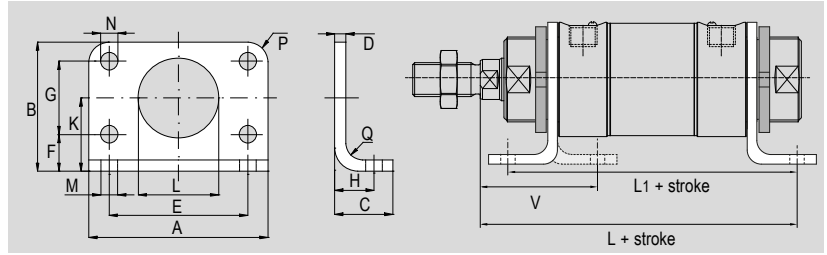
Main features

32 ÷ 63

Bores Ø

PX..AQM

Type



Technical data

Type	Description	Material
PX..AQM	Mounting for round cylinders type RXDVA and RDXVD. Foot-flange. For front or rear mounting (head nut type GHX..AQM required, see page 5.73.52. One head nut supplied with cylinders as standard). Supplied individually.	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	A	B	C	D	E	F	G	H	K	ØL	ØM	ØN	P	Q	V	L	L ₁
32	040119	PX032AQM	66	49	21	4	52	14	28	14	28	30	7	7	7	4	-	-	-
40	040120	PX040AQM	80	58	30	5	60	18	30	20	33	38	9	9	10	5	-	-	-
50	040137	PX050AQM	90	70	30	6	70	20	40	20	40	45	9	9	10	6	-	-	-
63	040138	PX063AQM	96	80	30	6	76	20	50	20	45	45	9	9	10	6	-	-	-

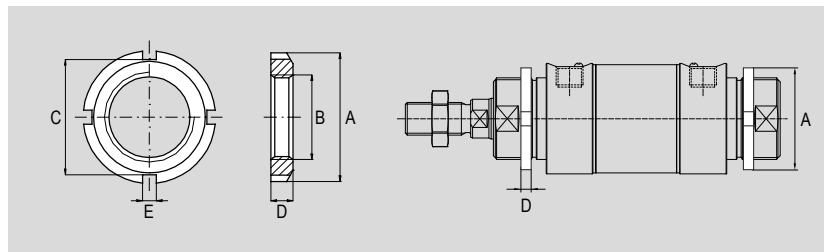
Main features

32 ÷ 63

Bores Ø

GHX..AQM

Type



Technical data

Type	Description	Material
GHX..AQM	Mounting for round cylinders type RXDVA and RDXVD. Head nut. For front or rear mounting . Supplied individually.	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	A	B	C	D	E
32	040069	GHX032AQM	Ø 45	M30x1,5	40	7	5
40	040187	GHX040AQM	Ø 50	M38x1,5	46	8	5
50-63	040188	GHX050/063AQM	Ø 58	M45x1,5	52	9	6

Stainless Steel mounting accessories for cylinders

Stainless Steel mountings for cylinders ISO 15552



Main features

32 ÷ 200

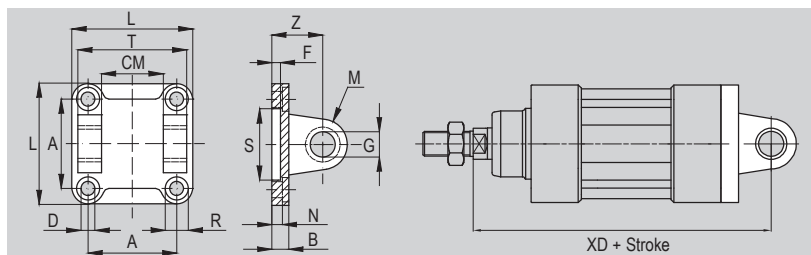


CFX..AQIS

Bores Ø

MP2

Type



Technical data

Type	Description	Material
CFX..AQIS	Mounting for cylinders. Rear clevis. For rear mounting. Pin type SECX..AQIS to be ordered separately, see page 5.75.5; Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	A	L	D	R	N	B	S	F	Z	G	M	CM	T	XD	Weight (g)
32	040012	CFX032AQIS	32,5	45	6,6	11	5,5	10	30	5	22	10	10	26	45	142	-
40	040830	CFX040AQIS	38	55	6,6	11	5,5	10	35	5	25	12	12	28	52	160	-
50	040801	CFX050AQIS	46,5	65	9	15	6,5	10	40	5	27	12	12	32	60	170	-
63	040014	CFX063AQIS	56,5	75	9	15	6,5	12	45	5	32	16	16	40	70	190	-
80	040013	CFX080AQIS	72	95	11	18	10	14	45	5	36	16	16	50	90	210	-
100	040838	CFX100AQIS	89	115	11	18	10	16	55	5	41	20	20	60	110	230	-
125	040005	CFX125AQIS	110	140	13,5	20	10	20	60	7	50	25	25	70	130	275	-
160	040797	CFX160AQIS	140	180	18	26	10	20	65	7	55	30	25	90	170	315	-
200	040798	CFX200AQIS	175	220	18	26	11	20	75	7	60	30	25	90	170	335	-

Main features

32 ÷ 125

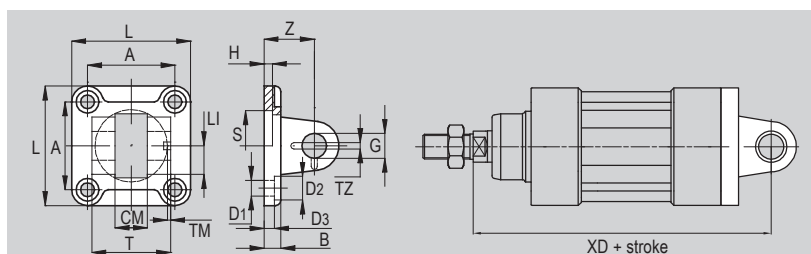


CFSX..AQIS

Bores Ø

AB6

Type



Technical data

Type	Description	Material
CFSX..AQIS	Mounting for cylinders. Narrow rear clevis (for DIN 648K spherical bearing). For rear mounting. Anti-rotating pin type SECX..ARAQIS to be ordered separately, see page 5.75.5; Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 316

Dimensions

For cylinder Ø mm	Code	Item	L	T	CM	A	Z	H	B	D ₃	S	G	D ₁	D ₂	TM	TZ	LI	XD	Weight (g)
32	040821	CFSX032AQIS	45	34	14	32,5	22	5	10	5,5	30	10	6,6	11	3	3,3	11,5	142	-
40	040822	CFSX040AQIS	55	40	16	38	25	5	10	5,5	35	12	6,6	11	4	4,3	12	160	-
50	040823	CFSX050AQIS	65	45	21	46,5	27	5	10	6,5	40	16	9	15	4	4,3	14	170	-
63	040824	CFSX063AQIS	75	51	21	56,5	32	5	12	6,5	45	16	9	15	4	4,3	14	190	-
80	040825	CFSX080AQIS	95	65	25	72	36	5	16	10	45	20	11	18	4	4,3	16	210	-
100	040826	CFSX100AQIS	115	75	25	89	41	5	16	10	55	20	11	18	4	6,3	16	230	-
125	040833	CFSX125AQIS	140	97	37	110	50	7	20	10	60	30	13,5	20	6	6,3	24	275	-

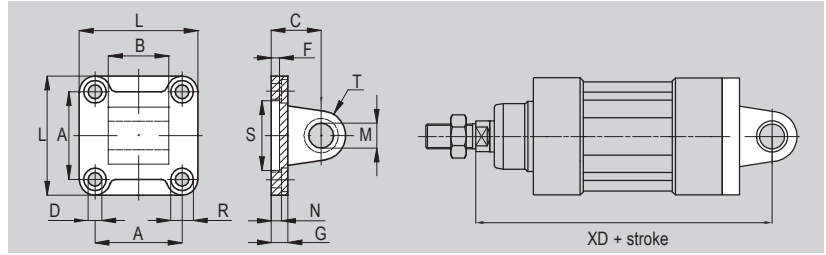
Stainless Steel mounting accessories for cylinders

Stainless Steel mountings for cylinders ISO 15552



Main features

32 ÷ 200 **CMX..AQIS**
Bores Ø MP4 Type



Technical data

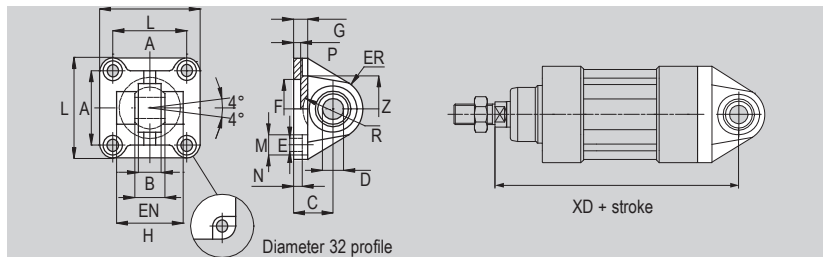
Type	Description	Material
CMX..AQIS	Mounting for cylinders. Rear eye. For rear mounting. Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	A	L	D	R	N	G	S	F	C	M	T	B	XD	Weight (g)	
32	040805	CMX032AQIS	32,5	45	6,6	11	5,5	10	30	5	22	10	10	26	-0,2	142	-
40	040806	CMX040AQIS	38	55	6,6	11	5,5	10	35	5	25	12	12	28		160	-
50	040802	CMX050AQIS	46,5	65	9	15	6,5	10	40	5	27	12	12	32	-0,6	170	-
63	040808	CMX063AQIS	56,5	75	9	15	6,5	12	45	5	32	16	16	40		190	-
80	040016	CMX080AQIS	72	95	11	18	10	14	45	5	36	16	16	50	-0,5	210	-
100	040799	CMX100AQIS	89	115	11	18	10	16	55	5	41	20	20	60		230	-
125	040008	CMX125AQIS	110	140	14	20	10	20	60	7	50	25	25	70	-1,2	275	-
160	040800	CMX160AQIS	140	180	18	26	10	20	65	7	55	30	25	90		315	-
200	040804	CMX200AQIS	175	220	18	26	11	20	75	7	60	30	25	90		335	-

Main features

32 ÷ 125 **CMSX..AQIS**
Bores Ø MP6 Type



Technical data

Type	Description	Material
CMSX..AQIS	Mounting for cylinders. Narrow rear eye with DIN 648K spherical bearing. For rear mounting.. Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 316

Dimensions

For cylinder Ø mm	Code	Item	A	B	C	D	EN	ER	F	G	E	L	M	N	P	H	R	XD	Weight (g)
32	040834	CMSX032AQIS	32,5	10,5	22	10	14	15	30	10	6,6	45	10,5	5,5	5	-	-	142	-
40	040835	CMSX040AQIS	38	12	25	12	16	18	35	10	6,6	55	11	5,5	5	-	-	160	-
50	040836	CMSX050AQIS	46,5	15	27	16	21	20	40	10	9	65	15	6,5	5	51	19	170	-
63	040010	CMSX063AQIS	56,5	15	32	16	21	23	45	12	9	75	15	6,5	5	-	-	190	-
80	040837	CMSX080AQIS	72	18	36	20	25	27	45	14	11	95	18	10	5	-	-	210	-
100	040848	CMSX100AQIS	89	18	41	20	25	30	55	16	11	115	18	10	5	-	-	230	-
125	040849	CMSX125AQIS	110	26	50	30	37	40	60	20	13,5	140	20	10	7	-	-	275	-

Stainless Steel mounting accessories for cylinders

Stainless Steel mountings for cylinders ISO 15552



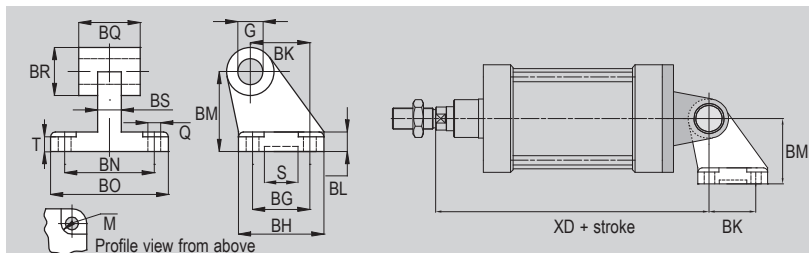
Main features

32 ÷ 125 **ISO** ASVX..AQIS

Bores Ø AB7 Type



RP 107P



Technical data

Type	Description	Material
ASVX..AQIS	Mounting for cylinders. Rear 90° hinge for mounting with rear clevis type CFX. Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 304

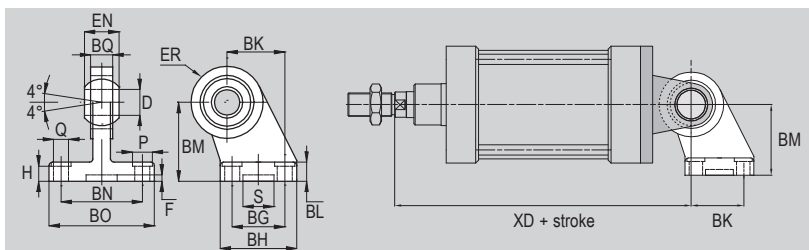
Dimensions

For cylinder Ø mm	Code	Item	Q	M	BG	BH	BK	BL	BM	BN	BO	BS	BR	BQ	G	T	S	XD	Weight (g)
32	040809	ASVX032AQIS	6,6	11	18	31	21	8	32	38	51	10	20	26	10	1,6	20	142	-
40	040810	ASVX040AQIS	6,6	11	22	35	24	10	36	41	54	10	22	28	12	1,6	20	160	-
50	040812	ASVX050AQIS	9	15	30	45	33	12	45	50	65	14	26	32	12	1,6	20	170	-
63	040813	ASVX063AQIS	9	15	35	50	37	12	50	52	67	14	30	40	16	1,6	20	190	-
80	040814	ASVX080AQIS	11	18	40	60	47	14	63	66	86	18	30	50	16	2,5	20	210	-
100	040815	ASVX100AQIS	11	18	50	70	55	15	71	76	96	20	36	60	20	2,5	20	230	-
125	040816	ASVX125AQIS	14	20	60	90	70	20	90	94	124	30	45	70	25	3,2	-	275	-

Main features

32 ÷ 125 **ISO** ASSX..AQIS

Bores Ø CS7 Type



Technical data

Type	Description	Material
ASSX..AQIS	Mounting for cylinders. Rear 90° hinge with DIN 648K spherical bearing for mounting with narrow rear clevis type CFSX. Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 316

Dimensions

For cylinder Ø mm	Code	Item	Q	P	BG	BH	BK	BL	BM	BN	BO	EN	ER	BQ	D	H	S	F	XD	Weight (g)
32	040850	ASSX032AQIS	6,6	11	18	31	21	10	32	38	51	14	15	10,5	10	8,5	20	3	142	-
40	040851	ASSX040AQIS	6,6	11	22	35	24	10	36	41	54	16	18	12	12	8,5	20	3	160	-
50	040852	ASSX050AQS	9	15	30	45	33	12	45	50	65	21	20	15	16	10,5	20	3	170	-
63	040853	ASSX063AQIS	9	15	35	50	37	12	50	52	67	21	23	15	16	10,5	20	3	190	-
80	040854	ASSX080AQIS	11	18	40	60	47	14	63	66	86	25	27	18	20	11,5	20	3	210	-
100	040855	ASSX100AQIS	11	18	50	70	55	15	71	76	96	25	30	18	20	12,5	20	3	230	-
125	040856	ASSX125AQIS	13,5	20	60	90	70	20	90	94	124	37	40	25	30	17	20	3	275	-

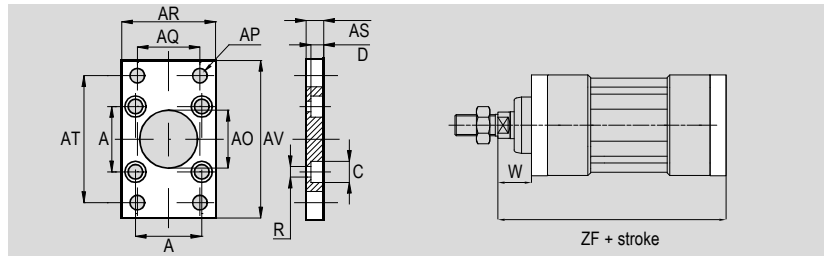
Stainless Steel mounting accessories for cylinders

Stainless Steel mountings for cylinders ISO 15552



Main features

32 ÷ 200 **ISO** FLVX..AQIS
 Bores Ø **VDMA** Type
 MF1/MF2



Technical data

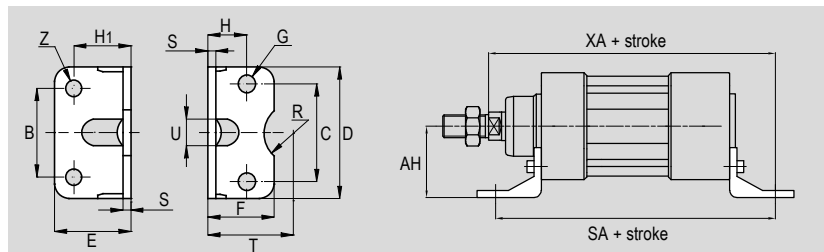
Type	Description	Material
FLVX..AQIS	Mounting for cylinders. Flange. For front or rear mounting. Screws series VBTRX to be ordered separately, see page 5.79.1	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	A	AP Ø	AO	R	AS	AR	AQ	AT	AV	C	D	ZF	W	Weight (g)
32	040864	FLVX032AQIS	32,5	7	30	6,5	10	45	32	64	80	10,5	5	130	16	-
40	040865	FLVX040AQIS	38	9	35	6,5	10	52	36	72	90	11	5	145	20	-
50	040840	FLVX050AQIS	46,5	9	40	9	12	65	45	90	110	15	5,5	155	25	-
63	040866	FLVX063AQIS	56,5	9	45	9	12	75	50	100	120	15	5,5	170	25	-
80	040867	FLVX080AQIS	72	12	45	11	16	95	63	126	150	18	8	190	30	-
100	040868	FLVX100AQIS	89	14	55	11	16	115	75	150	170	18	8	205	35	-
125	040869	FLVX125AQIS	110	16	60	13,5	20	140	90	180	205	20	9,5	245	45	-
160	040870	FLVX160AQIS	140	18	65	18	20	180	115	230	260	26	10,5	285	55	-
200	040871	FLVX200AQIS	175	22	75	18	25	220	135	270	300	26	12,5	300	70	-

Main features

32 ÷ 200 **ISO** PBX..AQIS
 Bores Ø **MS1** Type



Technical data

Type	Description	Material
PBX..AQIS	Mounting for cylinders. Low foot. Supplied individually. For front or rear mounting. Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	C	B	D	E	F	G	H	H ₁	S	T	R	U	Z	AH	XA	SA	Weight (g)
32	040872	PBX032AQIS	32,5	32	45	35	30	7	15,75	24	4	32	15	11	7	32	144	142	-
40	040873	PBX040AQIS	38	36	52	36	30	7	17	28	4	36	17,5	15	9	36	163	161	-
50	040874	PBX050AQIS	46,5	45	65	47	36	9	21,75	32	5	45	20	16	9	45	175	170	-
63	040875	PBX063AQIS	56,5	50	75	45	35	9	21,75	32	5	50	22,5	18	9	50	190	185	-
80	040876	PBX080AQIS	72	63	95	55	47	11	27	41	6	63	22,5	17	12	63	215	210	-
100	040877	PBX100AQIS	89	75	115	57	53	11	26,5	41	6	71	27,5	24	14	71	230	220	-
125	040878	PBX125AQIS	110	90	140	70	70	14	35	45	8	90	30	-	16	90	270	250	-
160	040879	PBX160AQIS	140	115	180	75	100	18	45	60	9	115	32,5	-	18	115	305	300	-
200	040880	PBX200AQIS	175	135	220	100	100	18	47,5	70	12	135	37,5	-	22	135	322	320	-

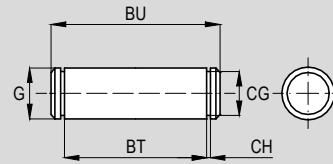
Stainless Steel mounting accessories for cylinders

Stainless Steel mountings for cylinders ISO 15552



Main features

32 ÷ 200  **SECX..AQIS**
Bores Ø AA4 Type



Technical data

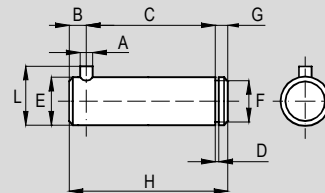
Type	Description	Material
SECX..AQIS	Mounting for cylinders. Pin. For rear clevis ISO MP2. Supplied with two seeger.	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	G	BT	CG	CH	BU	Weight (g)
32	040829	SECX032AQIS	10	46	9,6	1,1	53	-
40	040831	SECX040AQIS	12	53	11,5	1,1	60	-
50	040811	SECX050AQIS	12	61	11,5	1,1	68	-
63	040832	SECX063AQIS	16	71	15,2	1,1	78	-
80	040015	SECX080AQIS	16	91	15,2	1,1	98	-
100	040839	SECX100AQIS	20	111	19	1,3	118	-
125	040818	SECX125AQIS	25	132	23,9	1,3	139	-
160	040819	SECX160AQIS	30	171,5	28,6	1,6	178	-
200	040820	SECX200AQIS	30	171,5	28,6	1,6	178	-

Main features

32 ÷ 125  **SECX..ARAQIS**
Bores Ø AA6 Type



Technical data

Type	Description	Material
SECX..ARAQIS	Mounting for cylinders. Anti-rotating pin. For narrow rear clevis ISO AB6 with DIN 648 K spherical bearing. Supplied with one seeger.	Stainless Steel AISI 316

Dimensions

For cylinder Ø mm	Code	Item	A	C	D	E	F	G	H	L	B	Weight (g)
32	040857	SECX032ARAQIS	3	32,5	1,1	10	9,6	4	41	14	4,5	26
40	040858	SECX040ARAQIS	4	38	1,1	12	11,5	4	48	16	6	42
50	040859	SECX050ARAQIS	4	43	1,1	16	15,2	5	54	20	6	84
63	040860	SECX063ARAQIS	4	49	1,1	16	15,2	5	60	20	6	94
80	040861	SECX080ARAQIS	4	63	1,3	20	19	6	75	24	6	184
100	040862	SECX100ARAQIS	4	73	1,3	20	19	6	85	24	6	208
125	040863	SECX125ARAQIS	6	94	1,6	30	28,6	7	110	36	9	1365

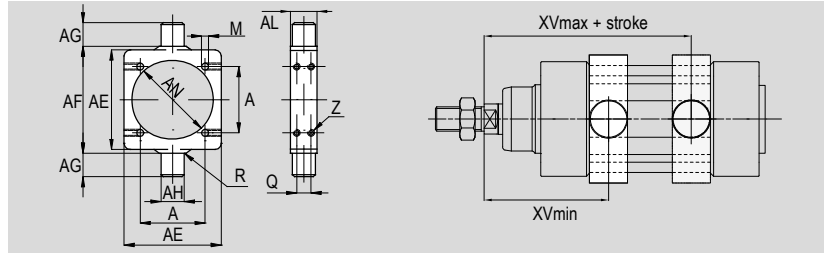
Stainless Steel mounting accessories for cylinders

Stainless Steel mountings for cylinders ISO 15552



Main features

32 ÷ 200  CTX..AQIS
Bores Ø MT4 Type



Technical data

Type	Description	Material
CTX..AQIS	Mounting for cylinders. Adjustable center trunnion (tie-rods). For trunnion mounted on the cylinder, please order together with the cylinder. Grains to be ordered separately, see page 5.79.1	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	A	AE	AL	AH e9	AG h14	AF h14	AN	R	M	Q	Z	XVmin	XVmax	Weight (g)
32	040881	CTX032AQIS	32,5	46	15	12	12	50	37	1	6,25	7	M5	60	86	-
40	040882	CTX040AQIS	38	59	20	16	16	63	46	1,5	6,25	8	M5	69	96	-
50	040883	CTX050AQIS	46,5	69	20	16	16	75	56	1,6	8,25	8	M6	78	102	-
63	040884	CTX063AQIS	56,5	84	25	20	20	90	69	1,6	8,25	12	M6	82	113	-
80	040885	CTX080AQIS	72	102	25	20	20	110	87	1,6	10,25	12	M8	97	123	-
100	040550	CTX100AQIS	89	125	30	25	25	132	107	2	10,25	15	M8	107	133	-
125	040886	CTX125AQIS	110	155	32	25	25	160	134	2	12,25	15	M10	126,5	163,5	-
160	040887	CTX160AQIS	140	190	40	32	32	200	171	2,5	16,25	18	M12	150	190	-
200	040888	CTX200AQIS	175	240	40	32	32	250	214	2,5	16,25	18	M12	165	205	-

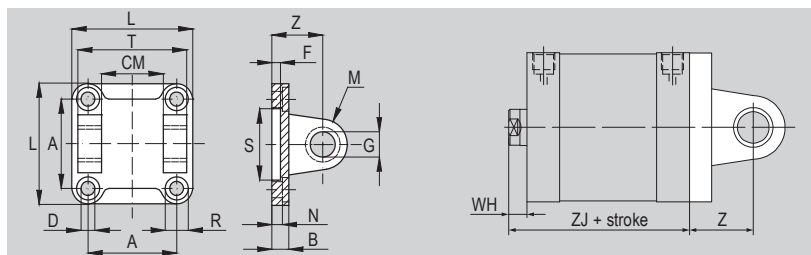
Stainless Steel mounting accessories for cylinders

Stainless Steel mountings for compact cylinders ISO 21287



Main features

32 ÷ 100 **CFX..AQIS**
Bores Ø MP2 Type



Technical data

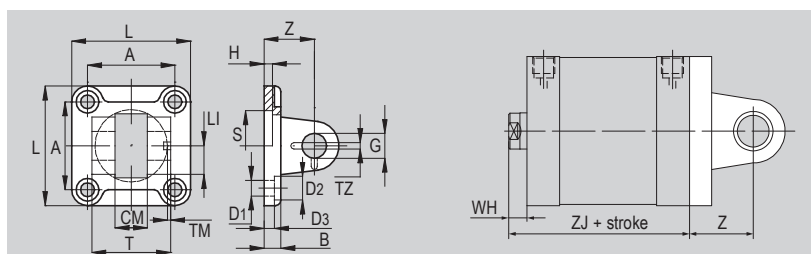
Type	Description	Material
CFX..AQIS	Mounting for cylinders. Rear clevis. For rear mounting. Pin type SECX..AQIS to be ordered separately, see page 5.75.5; Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	A	L	D	R	N	B	S	F	Z	G	M	CM	T	WH	ZJ	Weight (g)
32	040012	CFX032AQIS	32,5	45	6,6	11	5,5	10	30	5	22	10	10	26	45	7	51	-
40	040830	CFX040AQIS	38	55	6,6	11	5,5	10	35	5	25	12	12	28	52	7	52	-
50	040801	CFX050AQIS	46,5	65	9	15	6,5	10	40	5	27	12	12	32	60	8	53	-
63	040014	CFX063AQIS	56,5	75	9	15	6,5	12	45	5	32	16	16	40	70	8	57	-
80	040013	CFX080AQIS	72	95	11	18	10	14	45	5	36	16	16	50	90	10	64	-
100	040838	CFX100AQIS	89	115	11	18	10	16	55	5	41	20	20	60	110	10	77	-

Main features

32 ÷ 100 **CFSX..AQIS**
Bores Ø AB6 Type



Technical data

Type	Description	Material
CFSX..AQIS	Mounting for cylinders. Narrow rear clevis (for DIN 648K spherical bearing). For rear mounting. Anti-rotating pin type SECX..ARAQIS to be ordered separately, see page 5.75.5; Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 316

Dimensions

For cylinder Ø mm	Code	Item	L	T	CM	A	Z	H	B	D ₃	S	G	D ₁	D ₂	TM	TZ	LI	WH	ZJ	Weight (g)
32	040821	CFSX032AQIS	45	34	14	32,5	22	5	10	5,5	30	10	6,6	11	3	3,3	11,5	7	51	-
40	040822	CFSX040AQIS	55	40	16	38	25	5	10	5,5	35	12	6,6	11	4	4,3	12	7	52	-
50	040823	CFSX050AQIS	65	45	21	46,5	27	5	10	6,5	40	16	9	15	4	4,3	14	8	53	-
63	040824	CFSX063AQIS	75	51	21	56,5	32	5	12	6,5	45	16	9	15	4	4,3	14	8	57	-
80	040825	CFSX080AQIS	95	65	25	72	36	5	16	10	45	20	11	18	4	4,3	16	10	64	-
100	040826	CFSX100AQIS	115	75	25	89	41	5	16	10	55	20	11	18	4	6,3	16	10	77	-

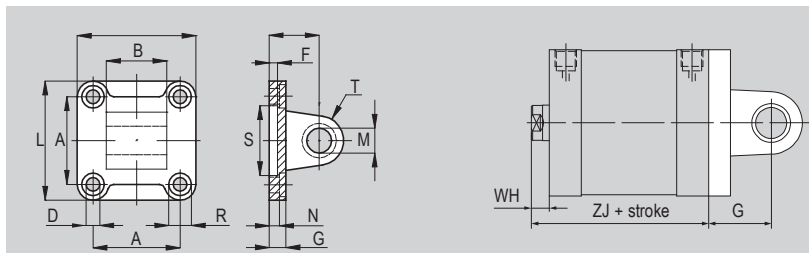
Stainless Steel mounting accessories for cylinders

Stainless Steel mountings for compact cylinders ISO 21287



Main features

32 ÷ 100 **ISO** CMX..AQIS
Bores Ø MP4 Type



Technical data

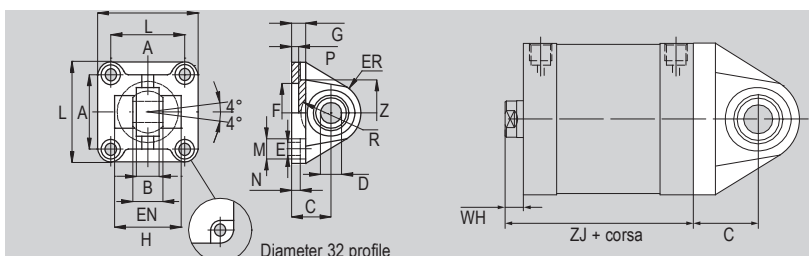
Type	Description	Material
CMX..AQIS	Mounting for cylinders. Rear eye. For rear mounting. Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	A	L	D	R	N	G	S	F	C	M	T	B	WH	ZJ	Weight (g)	
32	040805	CMX032AQIS	32,5	45	6,6	11	5,5	10	30	5	22	10	10	26	-0,2 -0,6	7	51	-
40	040806	CMX040AQIS	38	55	6,6	11	5,5	10	35	5	25	12	12	28		7	52	-
50	040802	CMX050AQIS	46,5	65	9	15	6,5	10	40	5	27	12	12	32		8	53	-
63	040808	CMX063AQIS	56,5	75	9	15	6,5	12	45	5	32	16	16	40		8	57	-
80	040016	CMX080AQIS	72	95	11	18	10	14	45	5	36	16	16	50		10	64	-
100	040799	CMX100AQIS	89	115	11	18	10	16	55	5	41	20	20	60	10	77	-	

Main features

32 ÷ 100 **ISO** CMSX..AQIS
Bores Ø MP6 Type



Technical data

Type	Description	Material
CMSX..AQIS	Mounting for cylinders. Narrow rear eye with DIN 648K spherical bearing. For rear mounting.. Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 316

Dimensions

For cylinder Ø mm	Code	Item	A	B	C	D	EN	ER	F	G	E	L	M	N	P	H	R	WH	ZJ	Weight (g)
32	040834	CMSX032AQIS	32,5	10,5	22	10	14	15	30	10	6,6	45	10,5	5,5	5	-	-	7	51	-
40	040835	CMSX040AQIS	38	12	25	12	16	18	35	10	6,6	55	11	5,5	5	-	-	7	52	-
50	040836	CMSX050AQIS	46,5	15	27	16	21	20	40	10	9	65	15	6,5	5	51	19	8	53	-
63	040010	CMSX063AQIS	56,5	15	32	16	21	23	45	12	9	75	15	6,5	5	-	-	8	57	-
80	040837	CMSX080AQIS	72	18	36	20	25	27	45	14	11	95	18	10	5	-	-	10	64	-
100	040848	CMSX100AQIS	89	18	41	20	25	30	55	16	11	115	18	10	5	-	-	10	77	-

Stainless Steel mounting accessories for cylinders

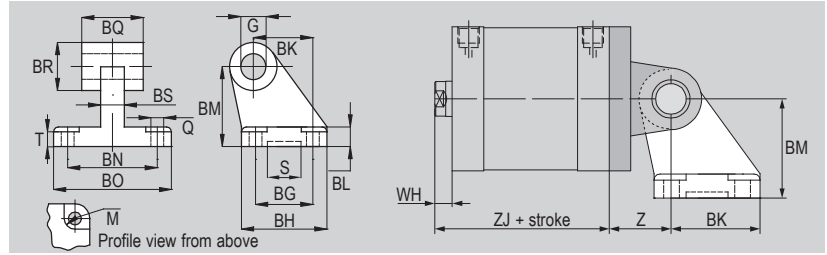
Stainless Steel mountings for compact cylinders ISO 21287



Main features

32 ÷ 100 **ISO** ASVX..AQIS
 Bores Ø AB7 Type

 RP 107P



Technical data

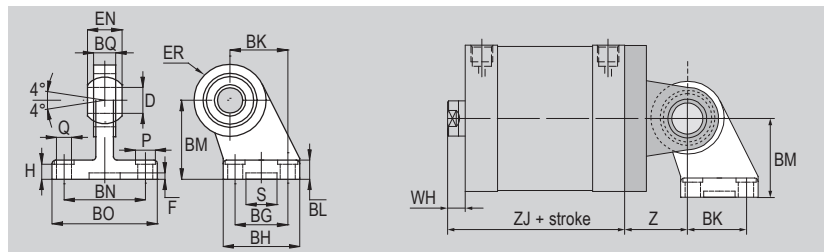
Type	Description	Material
ASVX..AQIS	Mounting for cylinders. Rear 90° hinge for mounting with rear clevis type CFX. Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	Q	M	BG	BH	BK	BL	BM	BN	BO	BS	BR	BQ	G	T	S	Z	WH	ZJ	Weight (g)
32	040809	ASVX032AQIS	6,6	11	18	31	21	8	32	38	51	10	20	26	10	1,6	20	22	7	51	-
40	040810	ASVX040AQIS	6,6	11	22	35	24	10	36	41	54	10	22	28	12	1,6	20	25	7	52	-
50	040812	ASVX050AQIS	9	15	30	45	33	12	45	50	65	14	26	32	12	1,6	20	27	8	53	-
63	040813	ASVX063AQIS	9	15	35	50	37	12	50	52	67	14	30	40	16	1,6	20	32	8	57	-
80	040814	ASVX080AQIS	11	18	40	60	47	14	63	66	86	18	30	50	16	2,5	20	36	10	64	-
100	040815	ASVX100AQIS	11	18	50	70	55	15	71	76	96	20	36	60	20	2,5	20	41	10	77	-

Main features

32 ÷ 100 **ISO** ASSX..AQIS
 Bores Ø CS7 Type



Technical data

Type	Description	Material
ASSX..AQIS	Mounting for cylinders. Rear 90° hinge with DIN 648K spherical bearing for mounting with narrow rear clevis type CFSX. Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 316

Dimensions

For cylinder Ø mm	Code	Item	Q	P	BG	BH	BK	BL	BM	BN	BO	EN	ER	BQ	D	H	S	F	Z	WH	ZJ	Weight (g)
32	040850	ASSX032AQIS	6,6	11	18	31	21	10	32	38	51	14	15	10,5	10	8,5	20	3	22	7	51	-
40	040851	ASSX040AQIS	6,6	11	22	35	24	10	36	41	54	16	18	12	12	8,5	20	3	25	7	52	-
50	040852	ASSX050AQS	9	15	30	45	33	12	45	50	65	21	20	15	16	10,5	20	3	27	8	53	-
63	040853	ASSX063AQIS	9	15	35	50	37	12	50	52	67	21	23	15	16	10,5	20	3	32	8	57	-
80	040854	ASSX080AQIS	11	18	40	60	47	14	63	66	86	25	27	18	20	11,5	20	3	36	10	64	-
100	040855	ASSX100AQIS	11	18	50	70	55	15	71	76	96	25	30	18	20	12,5	20	3	41	10	77	-

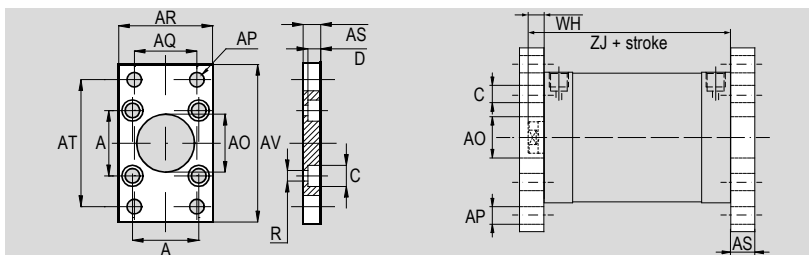
Stainless Steel mounting accessories for cylinders

Stainless Steel mountings for compact cylinders ISO 21287



Main features

32 ÷ 100 **ISO** FLVX..AQIS
 Bores Ø **VDMA** Type
 MF1/MF2



Technical data

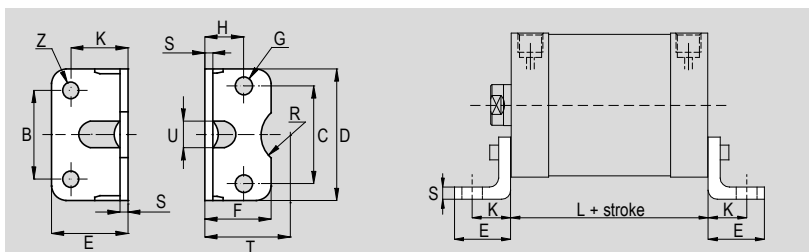
Type	Description	Material
FLVX..AQIS	Mounting for cylinders. Flange. For front or rear mounting. Screws series VBTRX to be ordered separately, see page 5.79.1	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	A	AP Ø	AO	R	AS	AR	AQ	AT	AV	C	D	WH	ZJ	Weight (g)
32	040864	FLVX032AQIS	32,5	7	30	6,5	10	45	32	64	80	10,5	5	7	51	-
40	040865	FLVX040AQIS	38	9	35	6,5	10	52	36	72	90	11	5	7	52	-
50	040840	FLVX050AQIS	46,5	9	40	9	12	65	45	90	110	15	5,5	8	53	-
63	040866	FLVX063AQIS	56,5	9	45	9	12	75	50	100	120	15	5,5	8	57	-
80	040867	FLVX080AQIS	72	12	45	11	16	95	63	126	150	18	8	10	64	-
100	040868	FLVX100AQIS	89	14	55	11	16	115	75	150	170	18	8	10	77	-

Main features

32 ÷ 100 **ISO** PBX..AQIS
 Bores Ø **MS1** Type



Technical data

Type	Description	Material
PBX..AQIS	Mounting for cylinders. Low foot. Supplied individually. For front or rear mounting. Screws to be ordered separately, see page 5.79.1	Stainless Steel AISI 304

Dimensions

For cylinder Ø mm	Code	Item	C	B	D	E	F	G	H	K	S	T	R	U	Z	L	Weight (g)
32	040872	PBX032AQIS	32,5	32	45	35	30	7	15,75	24	4	32	15	11	7	44	-
40	040873	PBX040AQIS	38	36	52	36	30	7	17	28	4	36	17,5	15	9	45	-
50	040874	PBX050AQIS	46,5	45	65	47	36	9	21,75	32	5	45	20	16	9	45	-
63	040875	PBX063AQIS	56,5	50	75	45	35	9	21,75	32	5	50	22,5	18	9	49	-
80	040876	PBX080AQIS	72	63	95	55	47	11	27	41	6	63	22,5	17	12	54	-
100	040877	PBX100AQIS	89	75	115	57	53	11	26,5	41	6	71	27,5	24	14	67	-

Stainless Steel mounting accessories for cylinders

Stainless Steel mounting screws and grains for cylinders



Main features

32 ÷ 200



VTCEIX

Stainless Steel hexagon socket flat head screws, conforming to UNI 5931 standards, suitable for mounting accessory of cylinders ISO 15552 and compact cylinders ISO 21287.



Bores Ø

5931

Type

32 ÷ 200



VBTRX

Stainless Steel flat head allen screw, conforming to DIN 6912 standards, suitable for mounting flanges for cylinders ISO 15552 and compact cylinders ISO 21287.



Bores Ø

6912

Type

32 ÷ 200



Stainless Steel grains conforming to UNI 5927 standards, suitable for mounting center trunnions for cylinders ISO 15552.



Bores Ø

5927

Technical data and matching stainless steel screws type VTCEIX, type VBTRX and grains

For cylinder Ø mm	Code	Item	Compliance	Matching with mounting accessories						
				CFX	CMX	CFSX	CMSX	FLVX	PBX	CTX
Ø 32	040787	VTCEIXM6x18	UNI5931	●	●	●	●	-	●	-
	040792	VBTRXM6x18	DIN6912	-	-	-	-	●	-	-
	885125	M5x5	UNI 5927	-	-	-	-	-	-	●
Ø 40	040787	VTCEIXM6x18	UNI5931	●	●	●	●	-	●	-
	040792	VBTRXM6x18	DIN6912	-	-	-	-	●	-	-
	885125	M5x5	UNI 5927	-	-	-	-	-	-	●
Ø 50	-	VTCEIXM8x16	UNI5931	-	-	-	-	-	●	-
	040788	VTCEIXM8x20	UNI5931	●	●	●	●	-	-	-
	040793	VBTRXM8x20	DIN6912	-	-	-	-	●	-	-
	885119	M6x10	UNI5927	-	-	-	-	-	-	●
Ø 63	-	VTCEIXM8x16	UNI5931	-	-	-	-	-	●	-
	040788	VTCEIXM8x20	UNI5931	●	●	●	●	-	-	-
	040793	VBTRXM8x20	DIN6912	-	-	-	-	●	-	-
	885119	M6x10	UNI5927	-	-	-	-	-	-	●
Ø 80	040789	VTCEIXM10x20	UNI5931	-	-	-	-	-	●	-
	881479	VTCEIXM10x25	UNI5931	●	●	●	●	-	-	-
	040794	VBTRXM10x20	DIN6912	-	-	-	-	●	-	-
	883534	M8x10	UNI5927	-	-	-	-	-	-	●
Ø 100	040789	VTCEIXM10x20	UNI5931	-	-	-	-	-	●	-
	881479	VTCEIXM10x25	UNI5931	●	●	●	●	-	-	-
	040794	VBTRXM10x20	DIN6912	-	-	-	-	●	-	-
	883534	M8x10	UNI5927	-	-	-	-	-	-	●
Ø 125	-	VTCEIXM12x25	UNI5931	-	-	-	-	-	●	-
	040705	VTCEIXM12x30	UNI5931	●	●	●	●	-	-	-
	-	VBTRXM12x30	DIN6912	-	-	-	-	●	-	-
	884990	M10x14	UNI5927	-	-	-	-	-	-	●
Ø 160	040791	VTCEIXM16x30	UNI5931	●	●	●	●	-	●	-
	040796	VBTRXM16x30	DIN6912	-	-	-	-	●	-	-
	885126	M12x20	UNI5927	-	-	-	-	-	-	●
Ø 200	040791	VTCEIXM16x30	UNI5931	●	●	●	●	-	●	-
	040796	VBTRXM16x30	DIN6912	-	-	-	-	●	-	-
	885126	M12x20	UNI5927	-	-	-	-	-	-	●

Key

● allowed matching; - not allowed matching.

STAINLESS STEEL

solenoid operated valves Series AX1



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Series of stainless steel spool valves, with in-line connections. Available in size 1/4", solenoid operated also with external air pilot, Ø 9 mm or Ø 13 mm plunger, with functions: 3/2 solenoid/spring normally closed, 3/2 solenoid/spring normally open, 3/2 solenoid/solenoid, 5/2 solenoid/spring, 5/2 solenoid/solenoid and solenoid/solenoid differential, 5/3 open centres, closed centres and pressurized centres. Supplied as standard with HNBR seals for low temperature (down to -25°), in compliance to Reach and RoHS directives, SIL certified, and with valve body conforming to 2014/34/EU ATEX Directive, in classification Ex h. Coils and connectors to be ordered separately. For solenoid operated valves with ATEX coil and connector, in different classification, see from page 5.150.1.



Series AX1 1/4" 3/2 Solenoid/Spring

from page 5.105.10

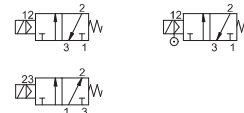


Series of stainless steel spool valves, with in-line connections, size 1/4", in function 3/2 solenoid/spring normally closed, also with external air pilot, and 3/2 solenoid/spring normally open.

Valve body conforming to 2014/34/UE ATEX Directive in classification:

- II 2G Ex h IIC T5 Gb
- II 2D Ex h IIIC T100°C Db

Coils and connectors to be ordered separately.



Series AX1 1/4" 3/2 Solenoid/Solenoid

from page 5.105.20



Series of stainless steel spool valves, with in-line connections, size 1/4", in function 3/2 solenoid/solenoid, also with external air pilot.

Valve body conforming to 2014/34/UE ATEX Directive in classification:

- II 2G Ex h IIC T5 Gb
- II 2D Ex h IIIC T100°C Db

Coils and connectors to be ordered separately.



Series AX1 1/4" 5/2 Solenoid/Spring

from page 5.105.40



Series of stainless steel spool valves, with in-line connections, size 1/4", in function 5/2 solenoid/spring, also with external air pilot.

Valve body conforming to 2014/34/UE ATEX Directive in classification:

- II 2G Ex h IIC T5 Gb
- II 2D Ex h IIIC T100°C Db

Coils and connectors to be ordered separately.



Series AX1 1/4" 5/2 Solenoid/Solenoid

from page 5.105.50

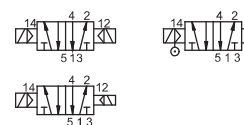


Series of stainless steel spool valves, with in-line connections, size 1/4", in function 5/2 solenoid/solenoid, also with external air pilot, and 5/2 solenoid/solenoid differential.

Valve body conforming to 2014/34/UE ATEX Directive in classification:

- II 2G Ex h IIC T5 Gb
- II 2D Ex h IIIC T100°C Db

Coils and connectors to be ordered separately.



Series AX1 1/4" 5/3

from page 5.105.70

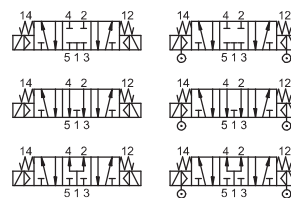



Series of stainless steel spool valves, with in-line connections, size 1/4", in function 5/3 closed centres, 5/3 open centres and 5/3 pressurized centres, also with external air pilot.

Valve body conforming to 2014/34/UE ATEX Directive in classification:

- II 2G Ex h IIC T5 Gb
- II 2D Ex h IIIC T100°C Db

Coils and connectors to be ordered separately.



Options		
Description	Symbol	Suffix
FKM seals -10°C ÷ +150°C		V
Special versions on request		/S

The options, when this is possible, can be combined with each other. For standard options matching see the table below. For code key see from page 5.102.6

Options matching				
Series	Size	Function	ATEX	Standard options matching
				V
AX1E	1/4"	3/2 - 5/2 - 5/3	Standard	●
AX1K	1/4"	3/2 - 5/2 - 5/3	Standard	●

Key

● allowed matching; - not allowed matching.

Code key

Series	Actuation		Size	Function	Options
AX1	E		2	50	
AX1	E = Electric K ⁽¹⁾ = Electric with external air pilot	= Ø 9 mm plunger G ⁽²⁾ = Ø 13 mm plunger	2 = 1/4" Gas 2N = 1/4" NPT	30 = 3/2 Normally closed 31 = 3/2 Normally open 32 = 3/2 Solenoid/Solenoid 50 = 5/2 Solenoid/Spring 51 = 5/2 Solenoid/Solenoid 52 = 5/2 Solenoid/Solenoid differential 70 = 5/3 Closed Centres 71 = 5/3 Open Centres 72 = 5/3 Pressurized Centres	V = FKM seals

ATEX note



Valves bodies of series AX1 are supplied as standard according to 2014/34/EU ATEX Directive, in classification:

II 2G Ex h IIC T5 Gb
II 2D Ex h IIC T100°C Db

WARNING: by combining an ATEX valve body with a standard coil and/or connector, the resulting solenoid valves will not comply with 2014/34/EU ATEX Directive, in any classification.

For ATEX coils and connectors, see page 5.150.1

For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1

How to order

Series	Actuation	Size	Function
AX1	E	2	50

Notes

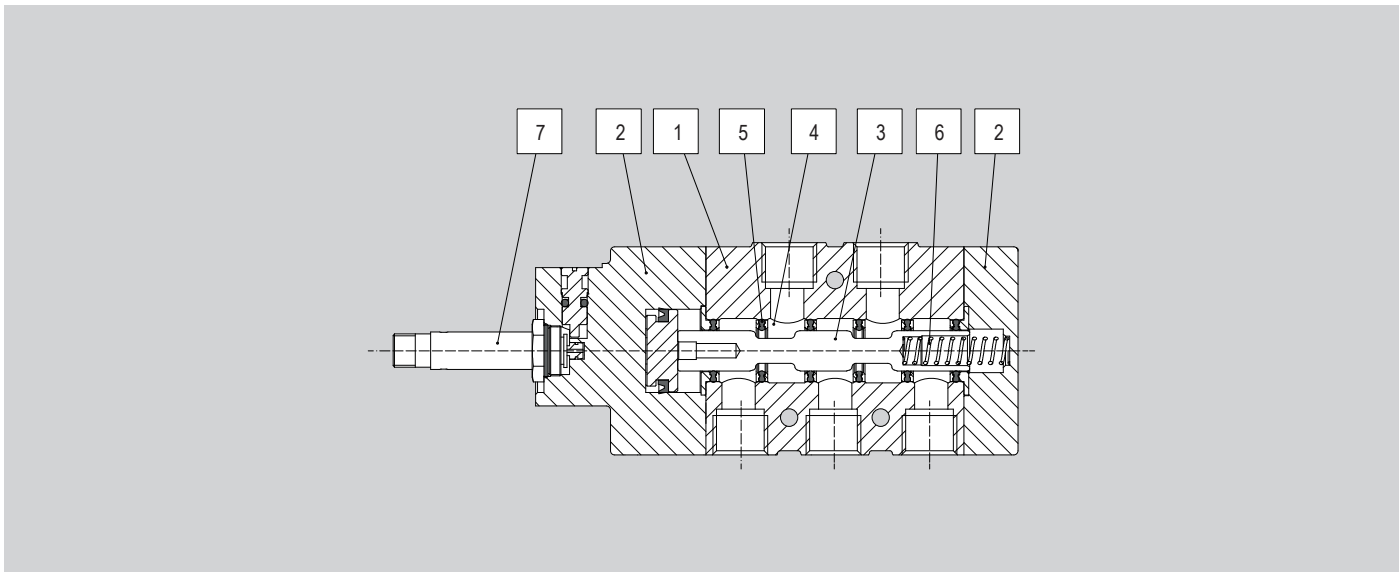
For standard materials, see page 5.102.5

(1) The actuation with external air pilot (K) is available only for functions 3/2 N.C. (30), 3/2 solenoid/solenoid (32), 5/2 solenoid/spring (50), 5/2 solenoid/solenoid (51) and for functions 5/3 (70, 71, 72).

(2) The actuations with Ø 13 mm plunger (EG and KG) are compatible only with ASA34 coils (with increased voltage) for applications with high working pressures (up to 12 bar).

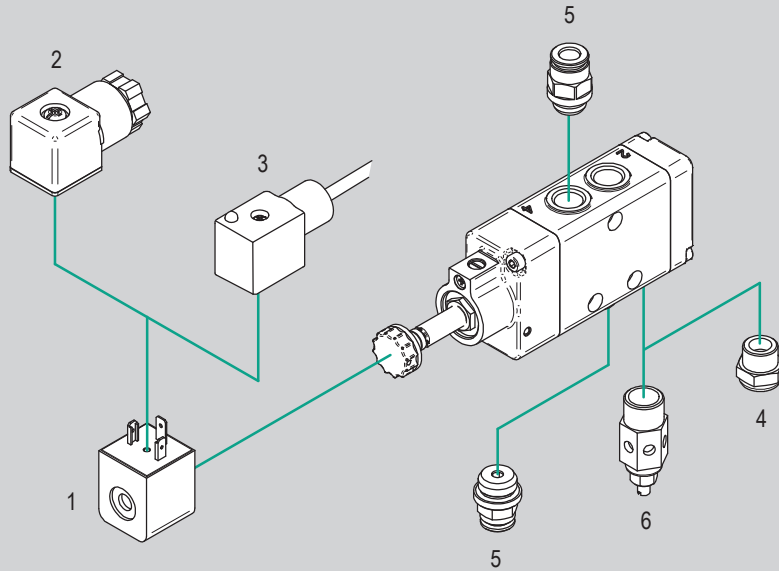
Coils and connectors to be ordered separately, see page 5.109.1

Standard materials



Position	Description	Material	
		1/4"	
		AX1E..	AX1K..
1	Body	Stainless Steel AISI 316L	
2	Covers	Stainless Steel AISI 316L	
3	Spool	Hard anodized aluminium	
4	Distancers	Technopolymer	
5	Seals	HNBR	
6	Spring	Stainless Steel	
7	Plunger	Stainless Steel	

Accessories



N.	Item	Description	Compliance	Matching				Code key page	Data sheet page
				1/4"					
				AX1E..	AX1EG..	AX1K..	AX1KG..		
1	ASA12..	Coil	EN60204 VDE0580	●	-	●	-	5.109.1	2.315.10
	ASA2..		EN60204.1 VDE0580	●	-	●	-		2.315.11
	ASA34..		EN175301-803-A	-	●	-	●	2.315.14	
	ASA12../ATEXII3	ATEX coil	2014/34/EU	●	-	●	-	5.155.2	
	ASA2../ATEXII2			●	-	●	-	5.156.2	
	ASA4../ATEXII2			●	-	●	-	5.157.2	
2	A12209..	Connector	VDE 0110-1/89	●	-	●	-	5.109.1	2.318.12
	A18209..			●	●	●	●		2.318.14
	A122../ATEX	ATEX connector	2014/34/EU	●	-	●	-	5.155.3	
3	A12209..	Cabled connector	VDE 0110-1/89	●	-	●	-	5.109.1	2.318.12
	A18209..			●	●	●	●		2.318.14
4	AFEX.. AEX.. AEPX.. AERX	Stainless Steel silencers	-	●	●	●	●	5.390.1	
5	RX..	Stainless Steel push-in fittings	UNI ISO 228/1 UNI ISO7/1 ISO R/232	●	●	●	●	5.302.1	
6	AVRX..	Stainless Steel silenced regulators	-	●	●	●	●	5.375.1	

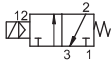
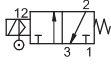
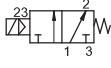
Key
 ● matching accessory; - not matching accessory

Stainless Steel solenoid operated valves series AX1

1/4", 3/2 solenoid/spring



Main features

Version	Actuation	Code	Item	Symbol
3/2 Normally closed	Electric Ø9	037004X	AX1E230	
	Electric Ø13	*	AX1EG230	
	Ext. air pilot Ø9	037011X	AX1K230	
	Ext. air pilot Ø13	*	AX1KG230	
3/2 Normally open	Electric Ø9	037009X	AX1E231	
	Electric Ø13	*	AX1EG231	



Technical data

Version	3/2 Normally closed		3/2 Normally closed with external air pilot		3/2 Normally open	
	Code	*	Code	*	Code	*
Code	037004X	*	037011X	*	037009X	*
Item	AX1E230	AX1EG230	AX1K230	AX1KG230	AX1E231	AX1EG231
Size	1/4"					
Fluid	Compressed air with or without lubrication. Lubrication, if started, must be continued.					
Pressure range	1,5 ÷ 10 bar	1,5 ÷ 12 bar	1,5 ÷ 10 bar	1,5 ÷ 12 bar	1,5 ÷ 10 bar	1,5 ÷ 12 bar
Minimum external air pressure	-		1,5 bar		-	
Temperature range	-25°C ÷ +70°C (standard)		-10°C ÷ +150°C (V)			
Plunger Ø	9 mm	13 mm	9 mm	13 mm	9 mm	13 mm
Orifice Ø	8 mm					
Flow at 6 bar with ΔP 1 bar	1.100 Nl/min.					
ATEX compliance	II 2G Ex h IIC T5 Gb II 2D Ex h IIIC T100°C Db					
Mounting	In every position					
Manual override	Bistable					

Notes

Coils and connectors to be ordered separately.

For matching between valve body and coils, see page 5.102.6

For coils type ASA12, ASA2 and ASA34 (with increased voltage, only for actuations EG and KG) and for connectors A122 and A182, see page 5.109.1

For ATEX coils and connectors see from page 5.150.1

WARNING: combining the ATEX valve body with a standard coil and/or connector, result in the assembly not to comply with 2014/34/EU ATEX Directive, in any classification

* For code, please contact the sales department

For code and availability of NPT threads, please contact the sales department

Stainless Steel solenoid operated valves series AX1

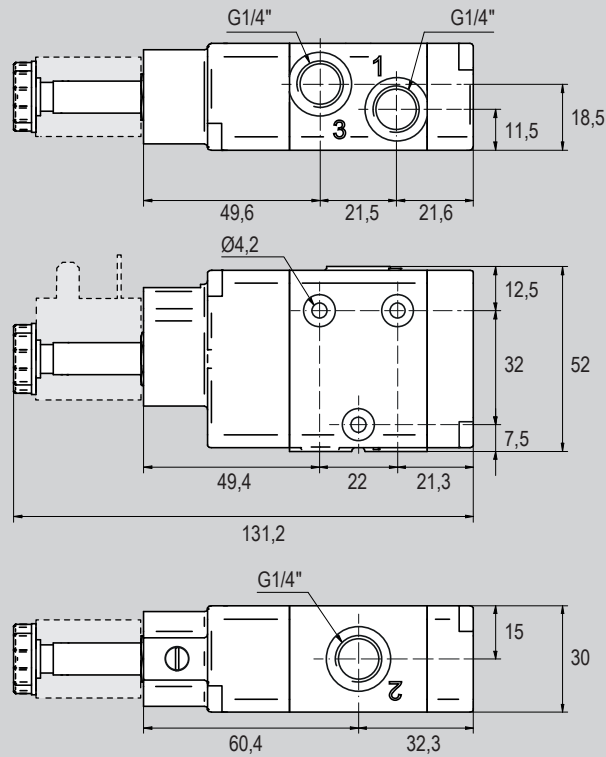
1/4", 3/2 solenoid/spring



Standard dimensions

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h III C T100°C Db

Type: **3/2 N.C.**
3/2 N.O.



Version	Actuation	Symbol	Code	Item
1/4" 3/2 Normally closed	Electric Ø 9		037004X	AX1E230
	Electric Ø 13		*	AX1EG230
1/4" 3/2 Normally open	Electric Ø 9		037009X	AX1E231
	Electric Ø 13		*	AX1EG231

*For code, please contact the sales department.
For availability and code of versions with NPT threads (AX1E2N.. and AX1EG2N..), please contact the sales department.

Stainless Steel solenoid operated valves series AX1

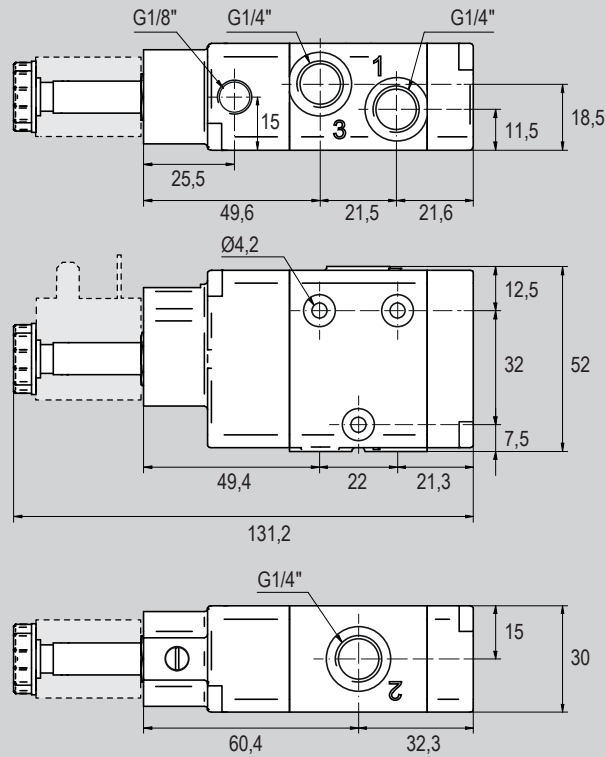
1/4", 3/2 solenoid/spring



Standard dimensions

II 2G Ex h IIC T5 Gb
 II 2D Ex h IIIC T100°C Db

Type: 3/2 N.C. with external air pilot



Version	Actuation	Symbol	Code	Item
1/4" 3/2 Normally closed	With external air pilot Ø 9		037011X	AX1K230
	With external air pilot Ø 13		*	AX1KG230

*For code, please contact the sales department.

For availability and code of versions with NPT threads (AX1K2N.. and AX1KG2N..), please contact the sales department.

Stainless Steel solenoid operated valves series AX1

1/4", 3/2 solenoid/solenoid



Main features

Version	Actuation	Code	Item	Symbol
3/2 solenoid/solenoid	Electric Ø9	037010X	AX1E232	
	Electric Ø13	*	AX1EG232	
	Ext. air pilot Ø9	037012X	AX1K232	
	Ext. air pilot Ø13	*	AX1KG232	



Technical data

Version	3/2 solenoid/solenoid		3/2 solenoid/solenoid with external air pilot	
	Code	037010X	*	037012X
Item	AX1E232	AX1EG232	AX1K232	AX1KG232
Size	1/4"			
Fluid	Compressed air with or without lubrication. Lubrication, if started, must be continued.			
Pressure range	1 ÷ 10 bar	1 ÷ 12 bar	1 ÷ 10 bar	1 ÷ 12 bar
Minimum external air pressure	-		1,5 bar	
Temperature range	-25°C ÷ +70°C (standard)		-10°C ÷ +150°C (V)	
Plunger Ø	9 mm	13 mm	9 mm	13 mm
Orifice Ø	8 mm			
Flow at 6 bar with ΔP 1 bar	1.100 Nl/min.			
ATEX compliance	II 2G Ex h IIC T5 Gb II 2D Ex h IIIC T100°C Db			
Mounting	In every position (vertical not recommended when in presence of vibrations)			
Manual override	Bistable			

Notes

Coils and connectors to be ordered separately.

For matching between valve body and coils, see page 5.102.6

For coils type ASA12, ASA2 and ASA34 (with increased voltage, only for actuations EG and KG) and for connectors A122 and A182, see page 5.109.1

For ATEX coils and connectors see from page 5.150.1

WARNING: combining the ATEX valve body with a standard coil and/or connector, result in the assembly not to comply with 2014/34/EU ATEX Directive, in any classification

* For code, please contact the sales department

For code and availability of NPT threads, please contact the sales department

Stainless Steel solenoid operated valves series AX1

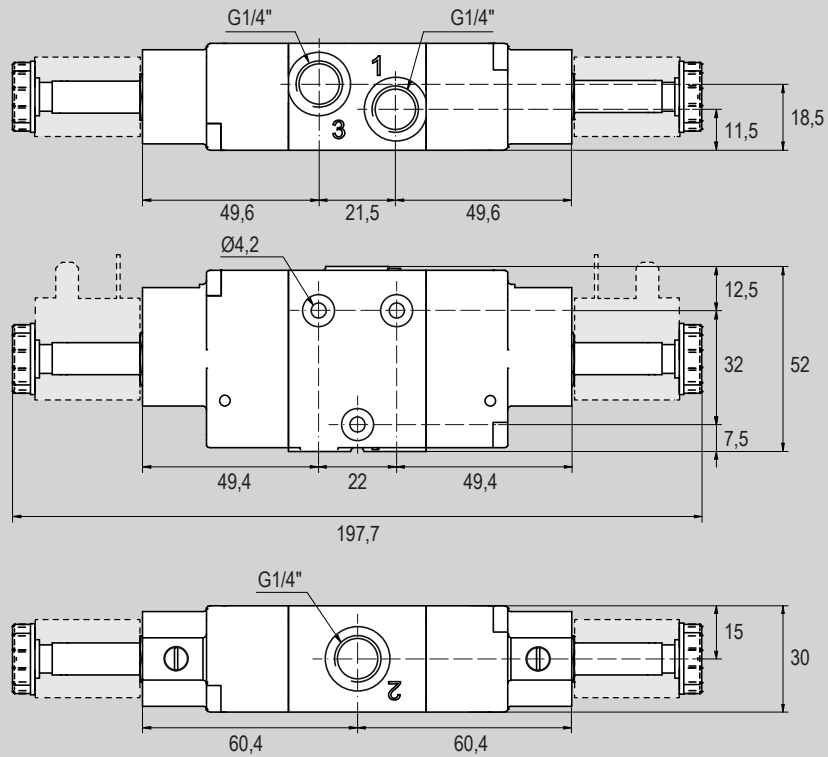
1/4", 3/2 solenoid/solenoid



Standard dimensions

Type: 3/2 solenoid/solenoid

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h IIIC T100°C Db



Version	Actuation	Symbol	Code	Item
1/4" 3/2 solenoid/solenoid	Electric Ø 9		037010X	AX1E232
	Electric Ø 13		*	AX1EG232

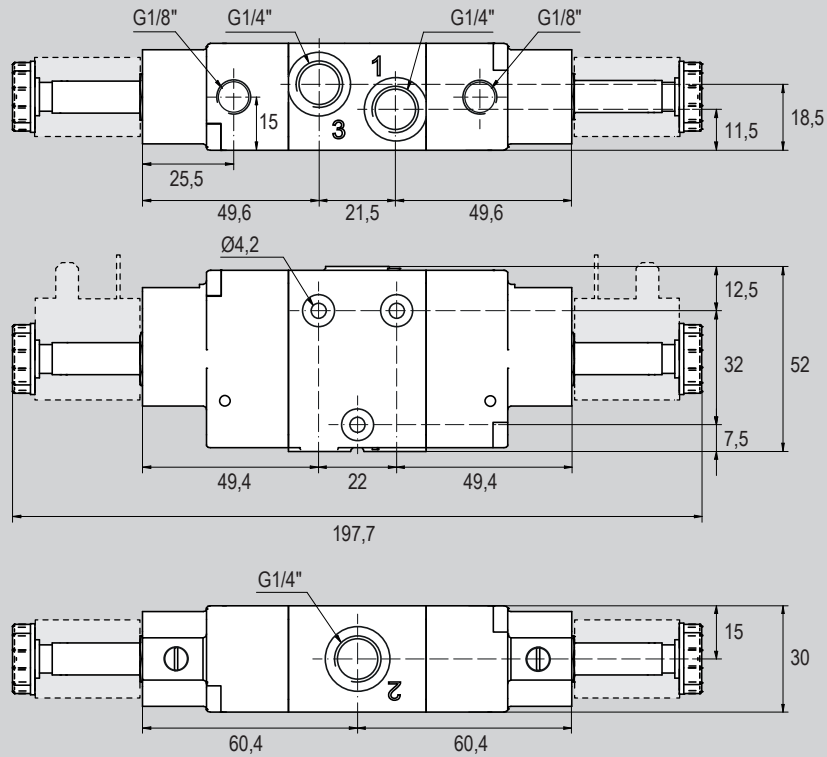
*For code, please contact the sales department.

For availability and code of versions with NPT threads (AX1E2N.. and AX1EG2N..), please contact the sales department.

Standard dimensions

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h IIIC T100°C Db

Type: 3/2 solenoid/solenoid with external air pilot



Version	Actuation	Symbol	Code	Item
1/4" 3/2 solenoid/solenoid	With external air pilot Ø 9		037012X	AX1K232
	With external air pilot Ø 13		*	AX1KG232

*For code, please contact the sales department.

For availability and code of versions with NPT threads (AX1K2N.. and AX1KG2N..), please contact the sales department.

Stainless Steel solenoid operated valves series AX1

1/4", 5/2 solenoid/spring



Main features				
Version	Actuation	Code	Item	Symbol
5/2 solenoid/spring	Electric Ø9	037003X	AX1E250	
	Electric Ø13	*	AX1EG250	
	Ext. air pilot Ø9	037017X	AX1K250	
	Ext. air pilot Ø13	*	AX1KG250	



Technical data				
Version	5/2 solenoid/spring		5/2 solenoid/spring with external air pilot	
Code	037003X	*	037017X	*
Item	AX1E250	AX1EG250	AX1K250	AX1KG250
Size	1/4"			
Fluid	Compressed air with or without lubrication. Lubrication, if started, must be continued.			
Pressure range	1,5 ÷ 10 bar	1,5 ÷ 12 bar	1,5 ÷ 10 bar	1,5 ÷ 12 bar
Minimum external air pressure	-		1,5 bar	
Temperature range	-25°C ÷ +70°C (standard)		-10°C ÷ +150°C (V)	
Plunger Ø	9 mm	13 mm	9 mm	13 mm
Orifice Ø	8 mm			
Flow at 6 bar with ΔP 1 bar	1.100 Nl/min.			
ATEX compliance	II 2G Ex h IIC T5 Gb II 2D Ex h IIIC T100°C Db			
Mounting	In every position			
Manual override	Bistable			

Notes
<p>Coils and connectors to be ordered separately. For matching between valve body and coils, see page 5.102.6 For coils type ASA12, ASA2 and ASA34 (with increased voltage, only for actuations EG and KG) and for connectors A122 and A182, see page 5.109.1 For ATEX coils and connectors see from page 5.150.1</p> <p>WARNING: combining the ATEX valve body with a standard coil and/or connector, result in the assembly not to comply with 2014/34/EU ATEX Directive, in any classification</p> <p>* For code, please contact the sales department</p> <p>For code and availability of NPT threads, please contact the sales department</p>

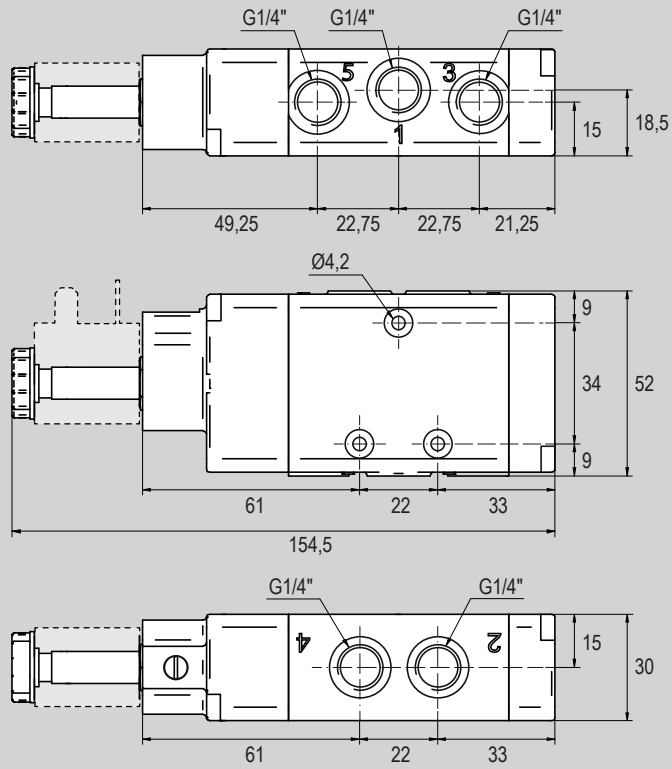
Stainless Steel solenoid operated valves series AX1
1/4", 5/2 solenoid/spring



Standard dimensions

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h IIIIC T100°C Db

Type: 5/2 solenoid/spring



Version	Actuation	Symbol	Code	Item
1/4" 5/2 solenoid/spring	Electric Ø 9		037003X	AX1E250
	Electric Ø 13		*	AX1EG250

*For code, please contact the sales department.
For availability and code of versions with NPT threads (AX1E2N.. and AX1EG2N..), please contact the sales department.

Stainless Steel solenoid operated valves series AX1

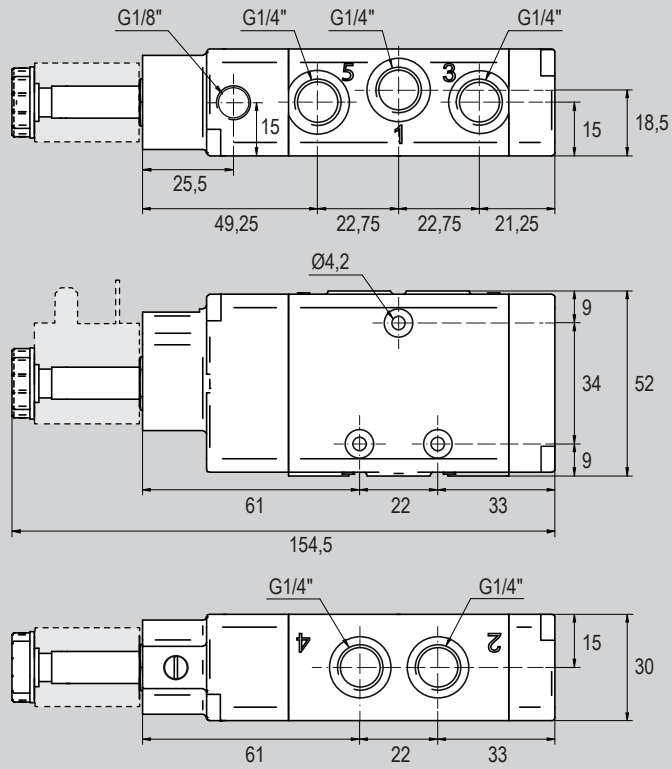
1/4", 5/2 solenoid/spring



Standard dimensions

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h IIIIC T100°C Db

Type: 5/2 solenoid/spring with external air pilot



Version	Actuation	Symbol	Code	Item
1/4" 5/2 solenoid/spring	With external air pilot Ø 9		037017X	AX1K250
	With external air pilot Ø 13		*	AX1KG250

*For code, please contact the sales department.
For availability and code of versions with NPT threads (AX1K2N.. and AX1KG2N..), please contact the sales department.

Stainless Steel solenoid operated valves series AX1

1/4", 5/2 solenoid/solenoid



Main features

Version	Actuation	Code	Item	Symbol
5/2 solenoid/solenoid	Electric Ø9	037006X	AX1E251	
	Electric Ø13	*	AX1EG251	
	Ext. air pilot Ø9	037018X	AX1K251	
	Ext. air pilot Ø13	*	AX1KG251	
5/2 solenoid/solenoid differential	Electric Ø9	037013X	AX1E252	
	Electric Ø13	*	AX1EG252	



Technical data

Version	5/2 solenoid/solenoid		5/2 solenoid/solenoid with external air pilot		5/2 solenoid/solenoid differential	
	Code	037006X	*	037018X	*	037013X
Item	AX1E251	AX1EG251	AX1K251	AX1KG251	AX1E252	AX1EG252
Size	1/4"					
Fluid	Compressed air with or without lubrication. Lubrication, if started, must be continued.					
Pressure range	1 ÷ 10 bar	1 ÷ 12 bar	1 ÷ 10 bar	1 ÷ 12 bar	1 ÷ 10 bar	1 ÷ 12 bar
Minimum external air pressure	-		1,5 bar		-	
Temperature range	-25°C ÷ +70°C (standard)		-10°C ÷ +150°C (V)			
Plunger Ø	9 mm	13 mm	9 mm	13 mm	9 mm	13 mm
Orifice Ø	8 mm					
Flow at 6 bar with ΔP 1 bar	1.100 Nl/min.					
ATEX compliance	II 2G Ex h IIC T5 Gb II 2D Ex h IIIC T100°C Db					
Mounting	In every position (vertical not recommended when in presence of vibrations)					
Manual override	Bistable					

Notes

Coils and connectors to be ordered separately.

For matching between valve body and coils, see page 5.102.6

For coils type ASA12, ASA2 and ASA34 (with increased voltage, only for actuations EG and KG) and for connectors A122 and A182, see page 5.109.1

For ATEX coils and connectors see from page 5.150.1

WARNING: combining the ATEX valve body with a standard coil and/or connector, result in the assembly not to comply with 2014/34/EU ATEX Directive, in any classification

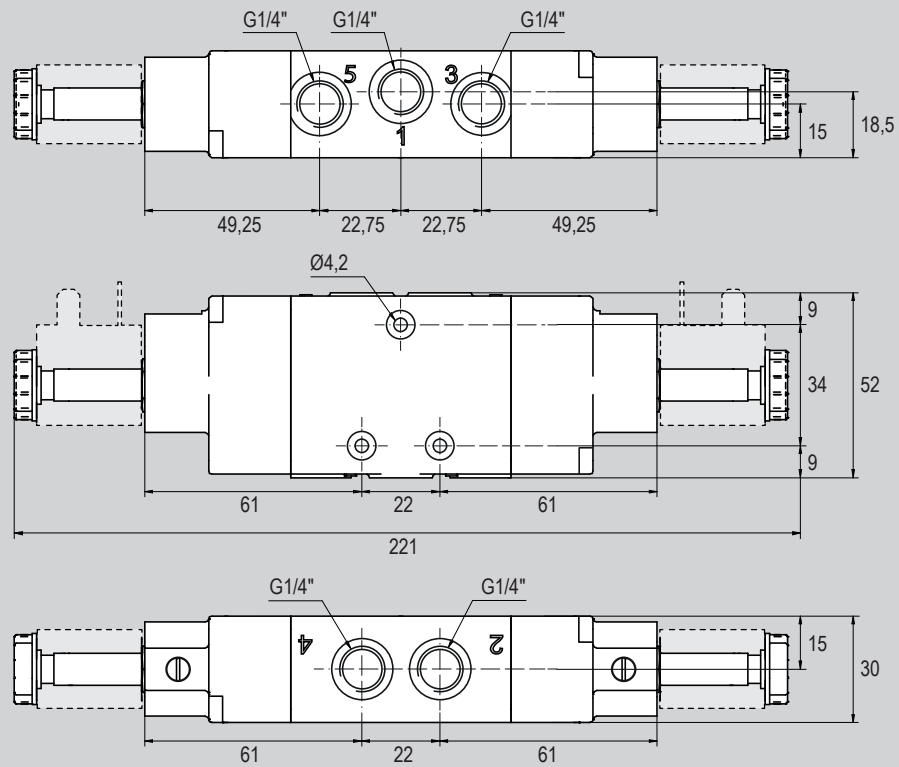
* For code, please contact the sales department

For code and availability of NPT threads, please contact the sales department

Standard dimensions

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h IIIC T100°C Db

Type: 5/2 solenoid/solenoid
5/2 solenoid/solenoid differential



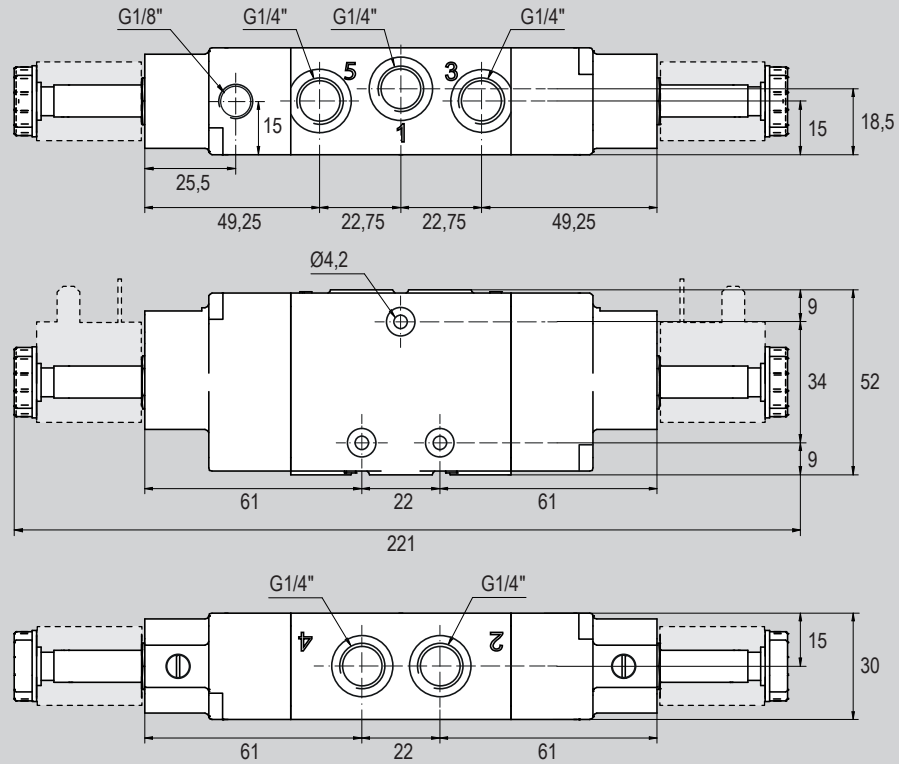
Version	Actuation	Symbol	Code	Item
1/4" 5/2 solenoid/solenoid	Electric Ø 9		037006X	AX1E251
	Electric Ø 13		*	AX1EG251
1/4" 5/2 solenoid/solenoid differential	Electric Ø 9		037013X	AX1E252
	Electric Ø 13		*	AX1EG252

*For code, please contact the sales department.
For availability and code of versions with NPT threads (AX1E2N.. and AX1EG2N..), please contact the sales department.

Standard dimensions

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h IIIC T100°C Db

Type: 5/2 solenoid/solenoid with external air pilot



Version	Actuation	Symbol	Code	Item
1/4" 5/2 solenoid/solenoid	With external air pilot Ø 9		037018X	AX1K251
	With external air pilot Ø 13		*	AX1KG251

*For code, please contact the sales department.

For availability and code of versions with NPT threads (AX1K2N.. and AX1KG2N..), please contact the sales department.

Stainless Steel solenoid operated valves series AX1

1/4", 5/3



Main features

Version	Actuation	Code	Item	Symbol
5/3 Closed Centres	Electric Ø9	037014X	AX1E270	
	Electric Ø13	*	AX1EG270	
	Ext. air pilot Ø9	037019X	AX1K270	
	Ext. air pilot Ø13	*	AX1KG270	
5/3 Open Centres	Electric Ø9	037015X	AX1E271	
	Electric Ø13	*	AX1EG271	
	Ext. air pilot Ø9	037020X	AX1K271	
	Ext. air pilot Ø13	*	AX1KG271	
5/3 Pressurized Centres	Electric Ø9	037016X	AX1E272	
	Electric Ø13	*	AX1EG272	
	Ext. air pilot Ø9	037021X	AX1K272	
	Ext. air pilot Ø13	*	AX1KG272	



Technical data

Version	5/3 Closed Centres		5/3 Closed Centres with external air pilot		5/3 Open Centres		5/3 Open Centres with external air pilot		5/3 Pressurized Centres		5/3 Pressurized Centres with external air pilot	
	Code	*	037019X	*	037015X	*	037020X	*	037016X	*	037021X	*
Code	037014X	*	037019X	*	037015X	*	037020X	*	037016X	*	037021X	*
Item	AX1E270	AX1EG270	AX1K270	AX1KG270	AX1E271	AX1EG271	AX1K271	AX1KG271	AX1E272	AX1EG272	AX1K272	AX1KG272
Size	1/4"											
Fluid	Compressed air with or without lubrication. Lubrication, if started, must be continued.											
Pressure range	2,5+10 bar	2,5+12 bar	2,5+10 bar	2,5+12 bar	2,5+10 bar	2,5+12 bar	2,5+10 bar	2,5+12 bar	2,5+10 bar	2,5+12 bar	2,5+10 bar	2,5+12 bar
Minimum external air pressure	-		1,5 bar		-		1,5 bar		-		1,5 bar	
Temperature range	-25°C ÷ +70°C (standard)						-10°C ÷ +150°C (V)					
Plunger Ø	9 mm	13 mm	9 mm	13 mm	9 mm	13 mm	9 mm	13 mm	9 mm	13 mm	9 mm	13 mm
Orifice Ø	8 mm											
Flow at 6 bar with ΔP 1 bar	1.100 NI/min.											
ATEX compliance	II 2G Ex h IIC T5 Gb II 2D Ex h IIIC T100°C Db											
Mounting	In every position											
Manual override	Bistable											

Notes

Coils and connectors to be ordered separately.

For matching between valve body and coils, see page 5.102.6

For coils type ASA12, ASA2 and ASA34 (with increased voltage, only for actuations EG and KG) and for connectors A122 and A182, see page 5.109.1

For ATEX coils and connectors see from page 5.150.1

WARNING: combining the ATEX valve body with a standard coil and/or connector, result in the assembly not to comply with 2014/34/EU ATEX Directive, in any classification

* For code, please contact the sales department

For code and availability of NPT threads, please contact the sales department

Stainless Steel solenoid operated valves series AX1

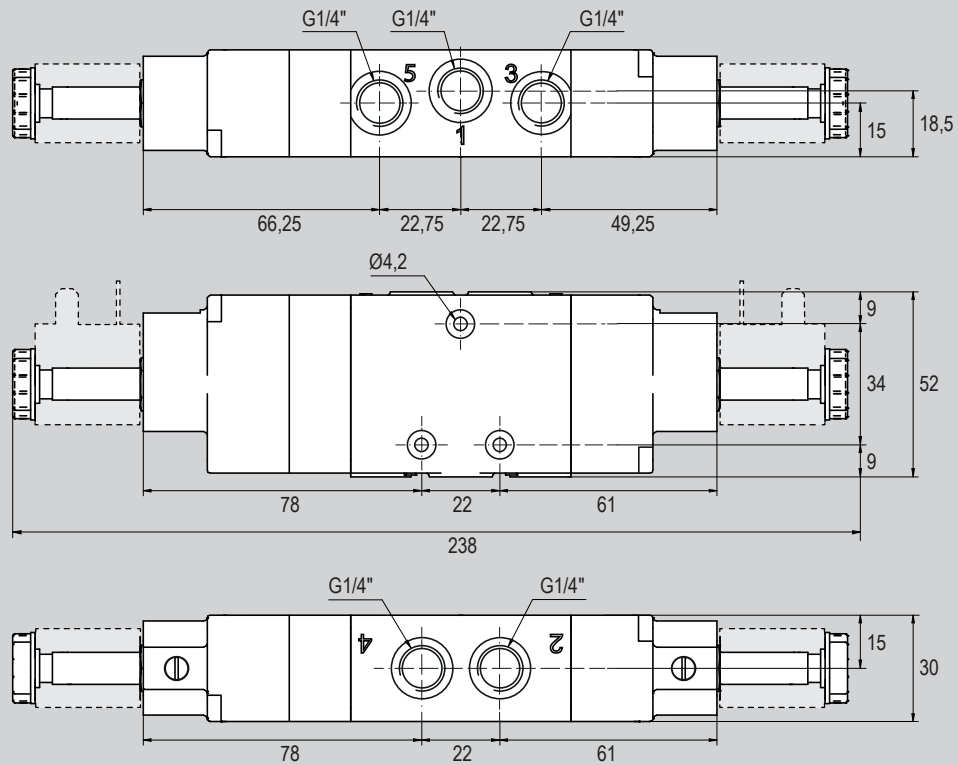
1/4", 5/3



Standard dimensions

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h IIIC T100°C Db

Type: 5/3 C.C.
5/3 O.C.
5/3 P.C.



Version	Actuation	Symbol	Code	Item
1/4" 5/3 Closed Centres	Electric Ø 9		037014X	AX1E270
	Electric Ø 13		*	AX1EG270
1/4" 5/3 Open Centres	Electric Ø 9		037015X	AX1E271
	Electric Ø 13		*	AX1EG271
1/4" 5/3 Pressurized Centres	Electric Ø 9		037016X	AX1E272
	Electric Ø 13		*	AX1EG272

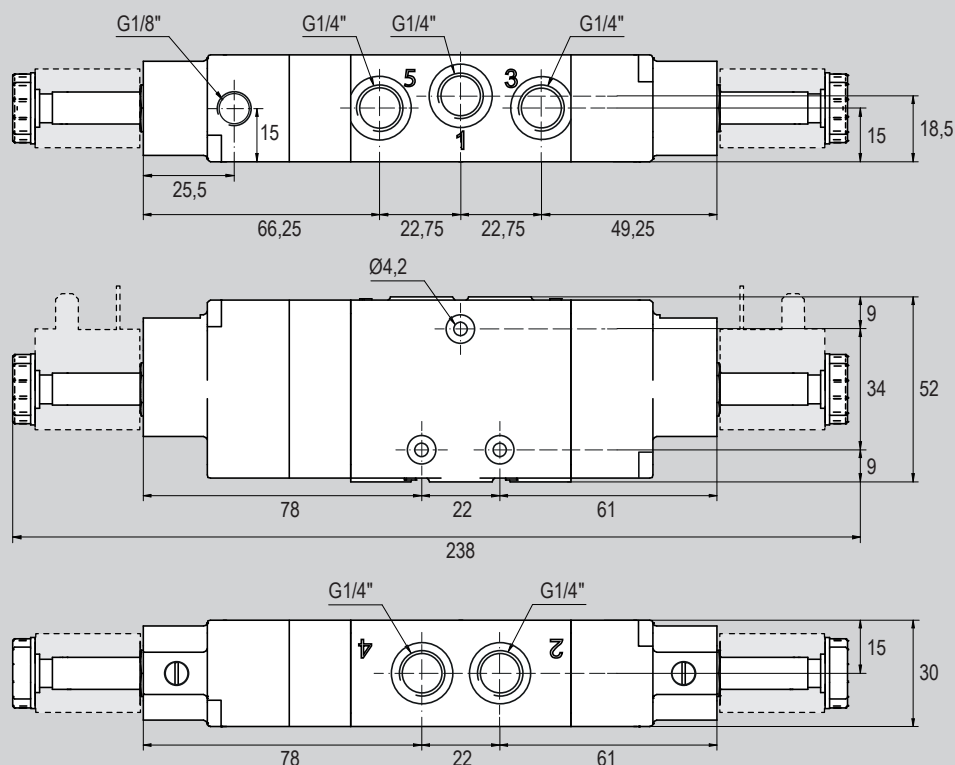
*For code, please contact the sales department.

For availability and code of versions with NPT threads (AX1E2N.. and AX1EG2N..), please contact the sales department.

Standard dimensions

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h IIIC T100°C Db

Type: 5/3 C.C. with external air pilot
5/3 O.C. with external air pilot
5/3 P.C. with external air pilot




Version	Actuation	Symbol	Code	Item
1/4" 5/3 Closed Centres	With external air pilot Ø 9		037019X	AX1K270
	With external air pilot Ø 13		*	AX1KG270
1/4" 5/3 Open Centres	With external air pilot Ø 9		037020X	AX1K271
	With external air pilot Ø 13		*	AX1KG271
1/4" 5/3 Pressurized Centres	With external air pilot Ø 9		037021X	AX1K272
	With external air pilot Ø 13		*	AX1KG272


*For code, please contact the sales department.

For availability and code of versions with NPT threads (AX1K2N.. and AX1KG2N..), please contact the sales department.


Coils ASA12..

	Voltage	Code	Item	Matching
	12V DC	032100	ASA1201200	AX1E AX1K
	12V AC	032101	ASA1201250	
	24V DC	032102	ASA1202400	
	24V AC	032103	ASA1202450	
	48V AC	032104	ASA1204850	
	110V AC	032105	ASA1211050	
	230V AC	032106	ASA1223050	


Coils ASA2..

	Voltage	Code	Item	Matching
	12V DC	032109	ASA201200	AX1E AX1K
	12V AC	032110	ASA201250	
	24V DC	032111	ASA202400	
	24V AC	032112	ASA202450	
	48V AC	032113	ASA204850	
	110V AC	032114	ASA211050	
	230V AC	032115	ASA223050	

Coils ASA34..


	Voltage	Code	Item	Matching
	24V DC	034341	ASA3402400	AX1EG AX1KG
	24V AC	034340	ASA3402450	
	110V AC	034342	ASA3411050	
	240V AC	034343	ASA3424050	

Connectors A122..⁽¹⁾

	Code	Item	Version
	032118	A12209N	Black standard
	033521	A12209NK	Black standard cabled
	032204	A12209T1	LED+VDR transparent 24VAC-DC
	032205	A12209T2	LED+VDR transparent 115VAC-DC
	032206	A12209T3	LED+VDR transparent 230VAC-DC
	033522	A12209N1K	LED+VDR black cabled 24VAC-DC
	033523	A12209N2K	LED+VDR black cabled 115VAC-DC
	033524	A12209N3K	LED+VDR black cabled 230VAC-DC

(1) For coils type ASA12

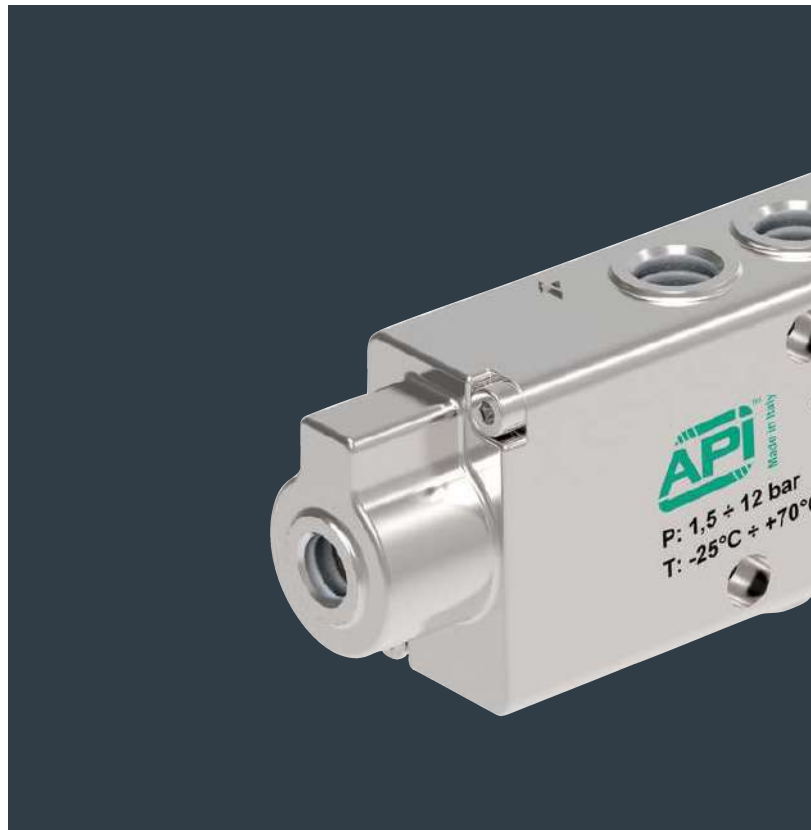
Connectors A182..⁽²⁾

	Code	Item	Version
	032119	A18209N	Black standard
	033531	A18209NK	Black standard cabled
	032207	A18209T1	LED+VDR transparent 24VAC-DC
	032208	A18209T2	LED+VDR transparent 115VAC-DC
	032209	A18209T3	LED+VDR transparent 230VAC-DC
	033532	A18209N1K	LED+VDR black cabled 24VAC-DC
	033533	A18209N2K	LED+VDR black cabled 115VAC-DC
	033534	A18209N3K	LED+VDR black cabled 230VAC-DC

(2) For coils type ASA2 and ASA34

STAINLESS STEEL

air operated valves Series AX1



Find out our
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Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Series of stainless steel spool valves, with in-line connections. Available in size 1/4", air operated, with functions 3/2 pilot/spring normally closed, 3/2 pilot/spring normally open, 3/2 pilot/pilot, 5/2 pilot/spring, 5/2 pilot/pilot and pilot/pilot differential, 5/3 open centres, closed centres and pressurized centres. Supplied as standard with HNBR seals for low temperature (down to -25°), in compliance to Reach and RoHS directives, SIL certified, and conforming to 2014/34/EU ATEX Directive, in classification Ex h.



Series AX1 1/4" 3/2 Pilot/Spring

from page 5.116.10



Series of stainless steel spool valves, with in-line connections, size 1/4" air operated, in function 3/2 pilot/spring normally closed and 3/2 pilot/spring normally open.

Conforming to 2014/34/UE ATEX Directive in classification:

II 2G Ex h IIC T5 Gb

II 2D Ex h IIIC T100°C Db



Series AX1 1/4" 3/2 Pilot/Pilot

from page 5.116.20



Series of stainless steel spool valves, with in-line connections, size 1/4" air operated, in function 3/2 pilot/pilot.

Conforming to 2014/34/UE ATEX Directive in classification:

II 2G Ex h IIC T5 Gb

II 2D Ex h IIIC T100°C Db



Series AX1 1/4" 5/2 Pilot/Spring

from page 5.116.40



Series of stainless steel spool valves, with in-line connections, size 1/4" air operated, in function 5/2 pilot/spring.

Conforming to 2014/34/UE ATEX Directive in classification:

II 2G Ex h IIC T5 Gb

II 2D Ex h IIIC T100°C Db



Series AX1 1/4" 5/2 Pilot/Pilot

from page 5.116.50



Series of stainless steel spool valves, with in-line connections, size 1/4" air operated, in function 5/2 pilot/pilot and 5/2 pilot/pilot differential.

Conforming to 2014/34/UE ATEX Directive in classification:

II 2G Ex h IIC T5 Gb

II 2D Ex h IIIC T100°C Db



Series AX1 1/4" 5/3

from page 5.116.70

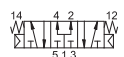
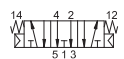
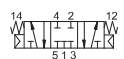



Series of stainless steel spool valves, with in-line connections, size 1/4" air operated, in function 5/3 closed centres, 5/3 open centres and 5/3 pressurized centres.

Conforming to 2014/34/UE ATEX Directive in classification:

II 2G Ex h IIC T5 Gb

II 2D Ex h IIIC T100°C Db



Options		
Description	Symbol	Suffix
FKM seals -10°C ÷ +150°C		V
Special versions on request		/S

The options, when this is possible, can be combined with each other. For standard options matching see the table below. For code key see from page 5.115.4

Options matching				
Series	Size	Function	ATEX	Standard options matching
				V
AX1	1/4"	3/2 - 5/2 - 5/3	Standard	●

Key

- allowed matching; - not allowed matching.

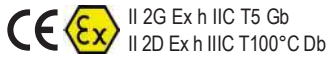
Code key

Series	Actuation	Size	Function	Options
AX1	P	2	50	
AX1	P = Pneumatic	2 = 1/4" Gas 2N = 1/4" NPT	30 = 3/2 Normally closed 31 = 3/2 Normally open 32 = 3/2 Pilot/Pilot 50 = 5/2 Pilot/Spring 51 = 5/2 Pilot/Pilot 52 = 5/2 Pilot/Pilot differential 70 = 5/3 Closed Centres 71 = 5/3 Open Centres 72 = 5/3 Pressurized Centres	V = FKM seals

ATEX note



The valves series AX1 are supplied as standard conforming to 2014/34/EU ATEX Directive



For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1

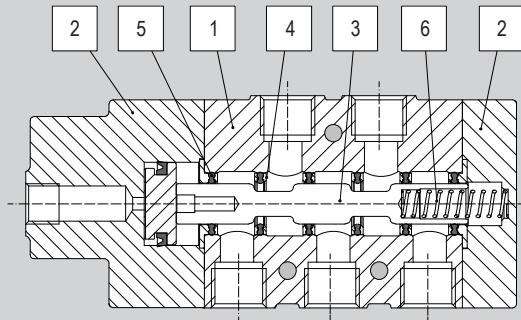
How to order

Series	Actuation	Size	Function
AX1	P	2	50

Notes

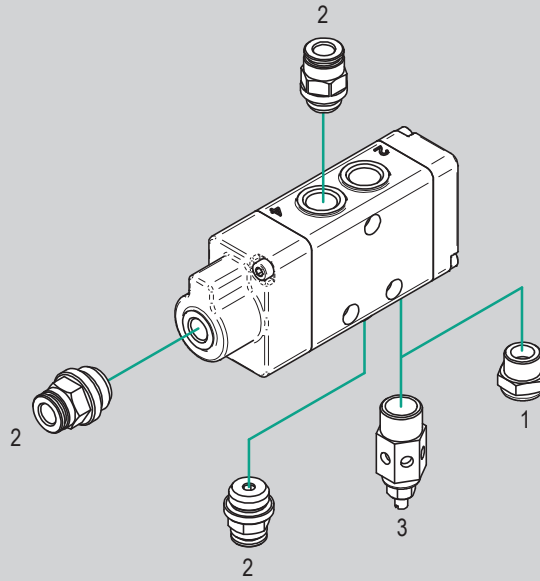
For standard materials, see page 5.115.5.

Standard materials



Position	Description	Material
		1/4"
		AX1P..
1	Body	Stainless Steel AISI 316L
2	Covers	Stainless Steel AISI 316L
3	Spool	Hard anodized aluminium
4	Distancers	Technopolymer
5	Seals	HNBR
6	Spring	Stainless Steel

Accessories



N.	Item	Description	Compliance	Matching	Code key page	Data sheet page
				1/4" AX1P..		
1	AFEX.. AEX.. AEPX.. AERX	Stainless Steel silencers	-	●	5.390.1	
2	RX..	Stainless Steel push-in fittings	UNI ISO 228/1 UNI ISO7/1 ISO R/232	●	5.302.1	
3	AVRX..	Stainless Steel silenced regulators	-	●	5.375.1	

Key

● matching accessory; - not matching accessory

Stainless Steel air operated valves series AX1

1/4", 3/2 pilot/spring



Main features

Version	Code	Item	Symbol
3/2 Normally closed	037002X	AX1P230	
3/2 Normally open	037022X	AX1P231	



Technical data

Version	3/2 Normally closed	3/2 Normally open
Code	037002X	037022X
Item	AX1P230	AX1P231
Size	1/4"	
Fluid	Compressed air with or without lubrication. Lubrication, if started, must be continued.	
Pressure range	1,5 ÷ 12 bar	
Temperature range	-25°C ÷ +70°C (standard)	-10°C ÷ +150°C (V)
Orifice Ø	8 mm	
Flow at 6 bar with ΔP 1 bar	1.100 Nl/min.	
ATEX compliance	II 2G Ex h IIC T5 Gb II 2D Ex h IIIC T100°C Db	
Mounting	In every position	

Notes

For code and availability of NPT threads, please contact the sales department

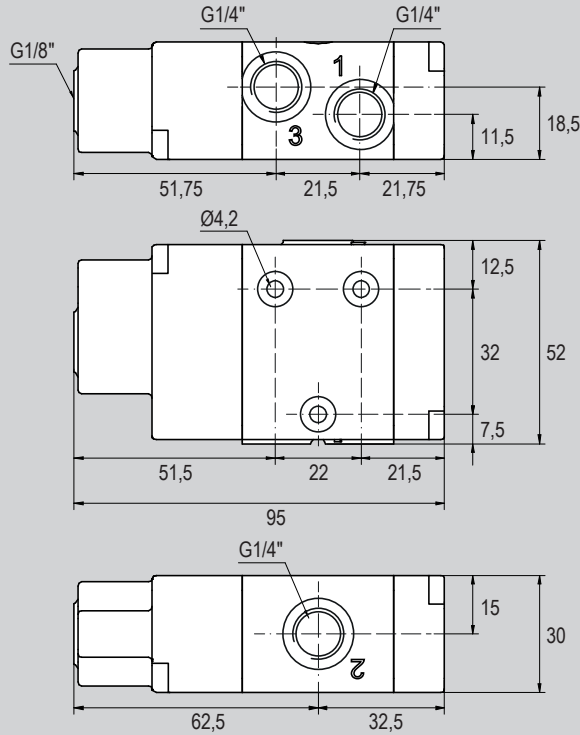
Stainless Steel air operated valves series AX1
1/4", 3/2 pilot/spring



Standard dimensions

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h IIC T100°C Db

Type: 3/2 N.C.
3/2 N.O.



Version	Actuation	Symbol	Code	Item
1/4" 3/2 Normally closed	Pneumatic		037002X	AX1P230
1/4" 3/2 Normally open	Pneumatic		037022X	AX1P231

For availability and code of versions with NPT threads (AX1P2N..), please contact the sales department.

Stainless Steel air operated valves series AX1

1/4", 3/2 pilot/pilot



Main features

Version	Code	Item	Symbol
3/2 pilot/pilot	037023X	AX1P232	



Technical data

Version	3/2 pilot/pilot	
Code	037023X	
Item	AX1P232	
Size	1/4"	
Fluid	Compressed air with or without lubrication. Lubrication, if started, must be continued.	
Pressure range	1 ÷ 12 bar	
Temperature range	-25°C ÷ +70°C (standard)	-10°C ÷ +150°C (V)
Orifice Ø	8 mm	
Flow at 6 bar with ΔP 1 bar	1.100 Nl/min.	
ATEX compliance	II 2G Ex h IIC T5 Gb II 2D Ex h IIIC T100°C Db	
Mounting	In every position (vertical not recommended when in presence of vibrations)	

Notes

For code and availability of NPT threads, please contact the sales department

Stainless Steel air operated valves series AX1

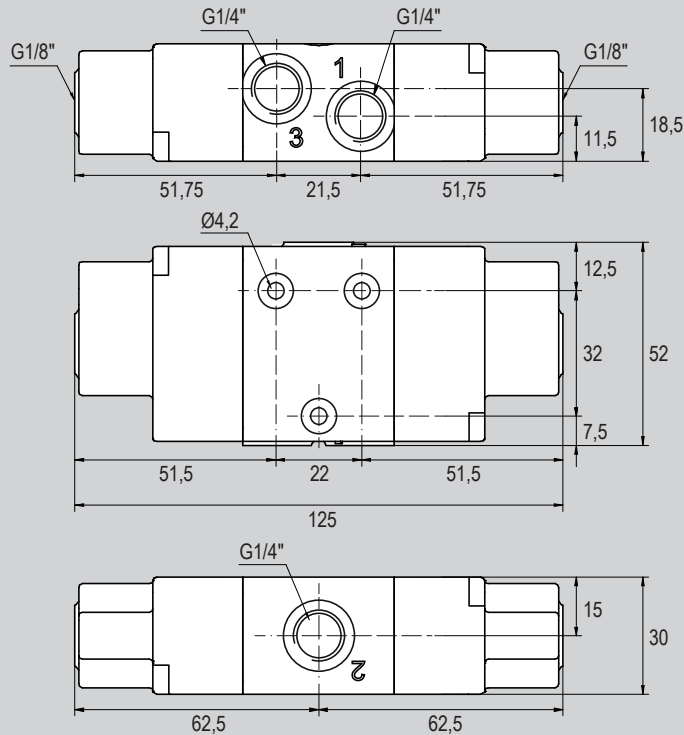
1/4", 3/2 pilot/pilot



Standard dimensions

Type: 3/2 pilot/pilot

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h III C T100°C Db



Version	Actuation	Symbol	Code	Item
1/4" 3/2 pilot/pilot	Pneumatic		037023X	AX1P232

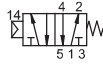
For availability and code of versions with NPT threads (AX1P2N..), please contact the sales department.

Stainless Steel air operated valves series AX1

1/4", 5/2 pilot/spring



Main features

Version	Code	Item	Symbol
5/2 pilot/spring	037001X	AX1P250	



Technical data

Version	5/2 pilot/spring	
Code	037001X	
Item	AX1P250	
Size	1/4"	
Fluid	Compressed air with or without lubrication. Lubrication, if started, must be continued.	
Pressure range	1,5 ÷ 12 bar	
Temperature range	-25°C ÷ +70°C (standard)	-10°C ÷ +150°C (V)
Orifice Ø	8 mm	
Flow at 6 bar with ΔP 1 bar	1.100 NI/min.	
ATEX compliance	II 2G Ex h IIC T5 Gb II 2D Ex h IIIC T100°C Db	
Mounting	In every position	

Notes

For code and availability of NPT threads, please contact the sales department

Stainless Steel air operated valves series AX1

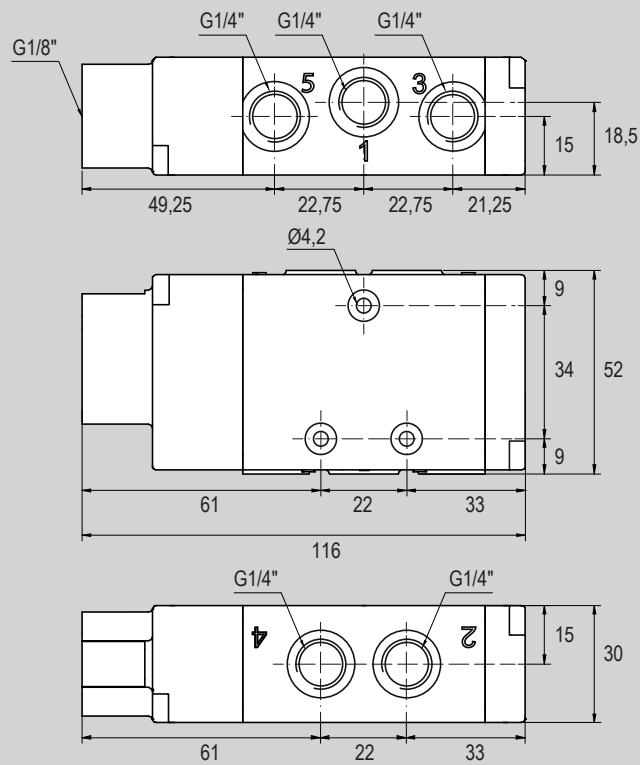
1/4", 5/2 pilot/spring



Standard dimensions

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h IIIIC T100°C Db

Type: **5/2 pilot/spring**



Version	Actuation	Symbol	Code	Item
1/4" 5/2 pilot/spring	Pneumatic		037001X	AX1P250

For availability and code of versions with NPT threads (AX1P2N..), please contact the sales department.

Stainless Steel air operated valves series AX1

1/4", 5/2 pilot/pilot



Main features

Version	Code	Item	Symbol
5/2 pilot/pilot	037024X	AX1P251	
5/2 pilot/pilot differential	037025X	AX1P252	



Technical data

Version	5/2 pilot/pilot	5/2 pilot/pilot differential
Code	037024X	037024X
Item	AX1P251	AX1P252
Size	1/4"	
Fluid	Compressed air with or without lubrication. Lubrication, if started, must be continued.	
Pressure range	1 ÷ 12 bar	
Temperature range	-25°C ÷ +70°C (standard)	-10°C ÷ +150°C (V)
Orifice Ø	8 mm	
Flow at 6 bar with ΔP 1 bar	1.100 NI/min.	
ATEX compliance	II 2G Ex h IIC T5 Gb II 2D Ex h IIIC T100°C Db	
Mounting	In every position (vertical not recommended when in presence of vibrations)	

Notes

For code and availability of NPT threads, please contact the sales department

Stainless Steel air operated valves series AX1

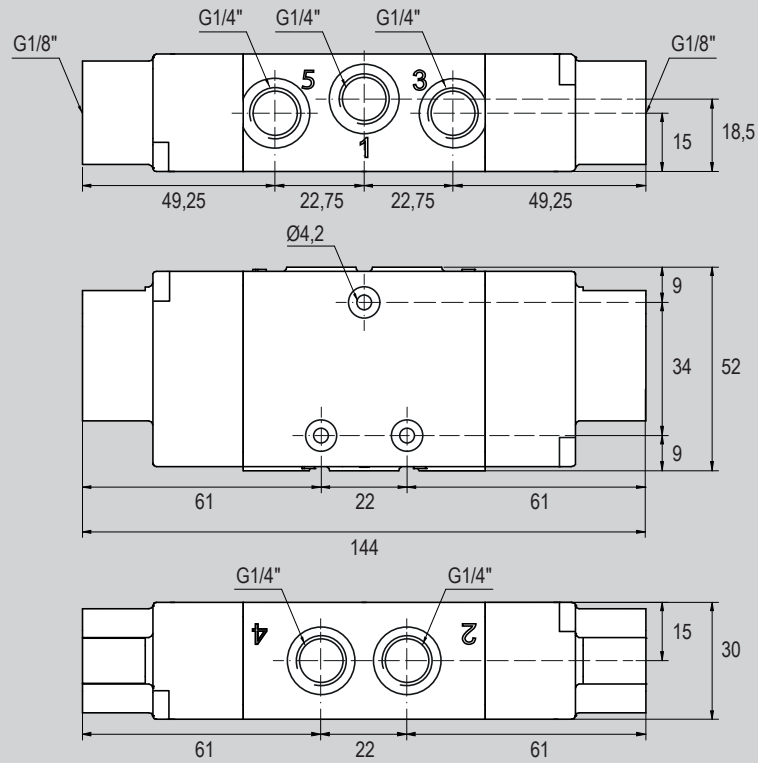
1/4", 5/2 pilot/pilot



Standard dimensions

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h IIIIC T100°C Db

Type: **5/2 pilot/pilot**
5/2 pilot/pilot differential



Version	Actuation	Symbol	Code	Item
1/4" 5/2 pilot/pilot	Pneumatic		037024X	AX1P251
1/4" 5/2 pilot/pilot differential	Pneumatic		037025X	AX1P252

For availability and code of versions with NPT threads (AX1P2N..), please contact the sales department.

Stainless Steel air operated valves series AX1

1/4", 5/3



Main features

Version	Code	Item	Symbol
5/3 Closed Centres	037026X	AX1P270	
5/3 Open Centres	037027X	AX1P271	
5/3 Pressurized Centres	037028X	AX1P272	



Technical data

Version	5/3 Closed Centres	5/3 Open Centres	5/3 Pressurized Centres
Code	037026X	037027X	037028X
Item	AX1P270	AX1P271	AX1P272
Size	1/4"		
Fluid	Compressed air with or without lubrication. Lubrication, if started, must be continued.		
Pressure range	2,5 ÷ 12 bar		
Temperature range	-25°C ÷ +70°C (standard)	-10°C ÷ +150°C (V)	
Orifice Ø	8 mm		
Flow at 6 bar with ΔP 1 bar	1.100 Nl/min.		
ATEX compliance	II 2G Ex h IIC T5 Gb II 2D Ex h IIIC T100°C Db		
Mounting	In every position		

Notes

For code and availability of NPT threads, please contact the sales department

Stainless Steel air operated valves series AX1

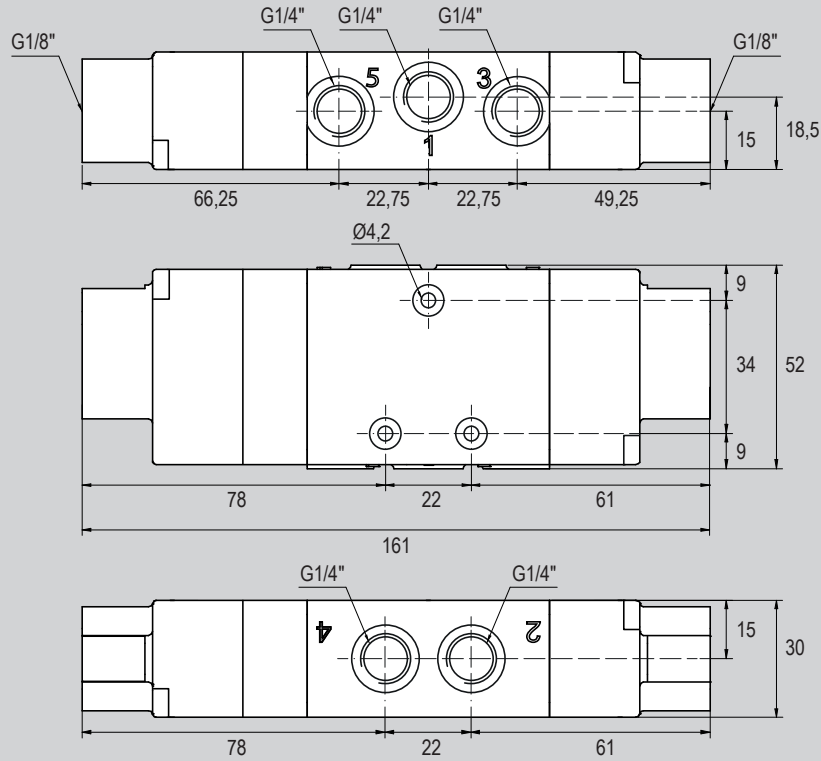
1/4", 5/3



Standard dimensions

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h IIIIC T100°C Db

Type: **5/3 C.C.**
5/3 O.C.
5/3 P.C.



Version	Actuation	Symbol	Code	Item
1/4" 5/3 Closed Centres	Pneumatic		037026X	AX1P270
1/4" 5/3 Open Centres	Pneumatic		037027X	AX1P271
1/4" 5/3 Pressurized Centres	Pneumatic		037028X	AX1P272

For availability and code of versions with NPT threads (AX1P2N.), please contact the sales department.

5 - STAINLESS STEEL COMPONENTS

STAINLESS STEEL

NAMUR solenoid operated valves Series AX1N



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Series of stainless steel spool valves, with Namur interface. Available in size 1/4", solenoid operated also with external air pilot, Ø 9 mm or Ø 13 mm plunger, in functions: 3/2 solenoid/spring normally closed, 3/2 solenoid/solenoid, 5/2 solenoid/spring and 5/2 solenoid/solenoid.

Supplied as standard with HNBR seals for low temperature (down to -25°), in compliance to Reach and RoHS directives, SIL certified, and with valve body conforming to 2014/34/EU ATEX Directive, in classification Ex h..

Coils and connectors to be ordered separately. For solenoid operated valves with ATEX coil and connector, in different classification, see from page 5.150.1.



Series AX1N 1/4" 3/2 Solenoid/Spring

from page 5.122.10



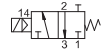
Series of stainless steel spool valves, with Namur interface, size 1/4", in function 3/2 solenoid/spring normally closed.

Valve body conforming to 2014/34/UE ATEX Directive in classification:

II 2G Ex h IIC T5 Gb

II 2D Ex h IIIC T100°C Db

Coils and connectors to be ordered separately.



Series AX1N 1/4" 3/2 Solenoid/Solenoid

from page 5.122.20



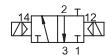
Series of stainless steel spool valves, with Namur interface, size 1/4", in function 3/2 solenoid/solenoid.

Valve body conforming to 2014/34/UE ATEX Directive in classification:

II 2G Ex h IIC T5 Gb

II 2D Ex h IIIC T100°C Db

Coils and connectors to be ordered separately.



Series AX1N 1/4" 5/2 Solenoid/Spring

from page 5.122.40



Series of stainless steel spool valves, with Namur interface, size 1/4", in function 5/2 solenoid/spring.

Valve body conforming to 2014/34/UE ATEX Directive in classification:

II 2G Ex h IIC T5 Gb

II 2D Ex h IIIC T100°C Db

Coils and connectors to be ordered separately.



Series AX1N 1/4" 5/2 Solenoid/Solenoid

from page 5.122.50



Series of stainless steel spool valves, with Namur interface, size 1/4", in function 5/2 solenoid/solenoid.


Valve body conforming to 2014/34/UE ATEX Directive in classification:

II 2G Ex h IIC T5 Gb

II 2D Ex h IIIC T100°C Db

Coils and connectors to be ordered separately.



Options		
Description	Symbol	Suffix
FKM seals -10°C ÷ +150°C		V
Special versions on request		/S

The options, when this is possible, can be combined with each other. For standard options matching see the table below. For code key see from page 5.120.4

Options matching				
Series	Size	Function	ATEX	Standard options matching
				V
AX1NE	1/4"	3/2 - 5/2	Standard	●

Key

- allowed matching; - not allowed matching.

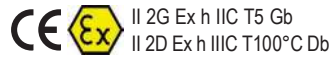
Code key

Series	Actuation		Size	Function	Options
AX1N	E		2	50	
AX1N	E = Electric	= Ø 9 mm plunger G ⁽¹⁾ = Ø 13 mm plunger	2 = 1/4" Gas 2N = 1/4" NPT	30 = 3/2 Normally closed 32 = 3/2 Solenoid/Solenoid 50 = 5/2 Solenoid/Spring 51 = 5/2 Solenoid/Solenoid	V = FKM seals

ATEX note



Valves bodies of series AX1N are supplied as standard according to 214/34/EU ATEX Directive, in classification:



WARNING: by combining an ATEX valve body with a standard coil and/or connector, the resulting solenoid valves will not comply with 2014/34/EU ATEX Directive, in any classification.

For ATEX coils and connectors, see page 5.150.1

For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1

How to order

Series	Actuation	Size	Function
AX1N	E	2	50

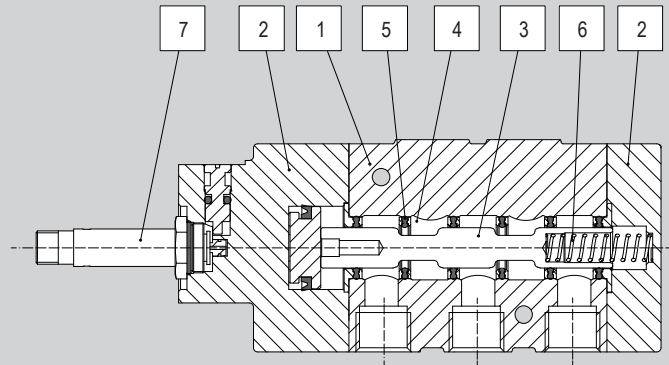
Notes

For standard materials, see page 5.120.5

(1) The actuations with Ø 13 mm plunger (EG) are compatible only with ASA34 coils (with increased voltage) for applications with high working pressures (up to 12 bar).

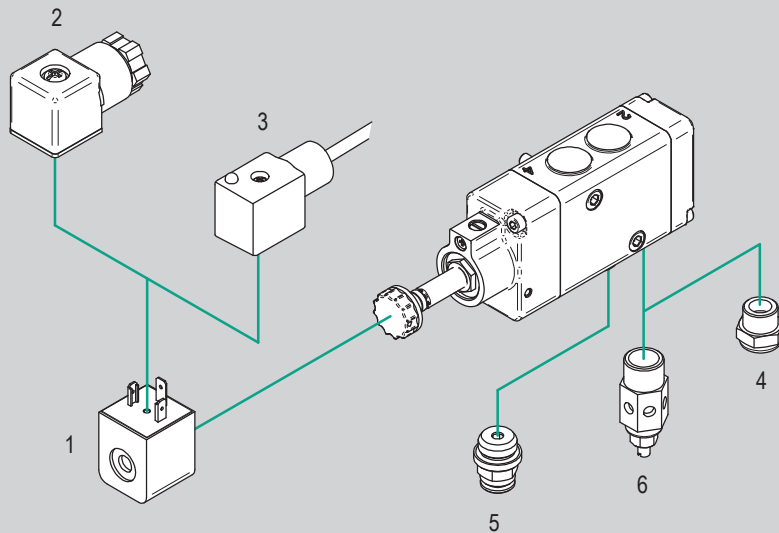
Coils and connectors to be ordered separately, see page 5.124.1

Standard materials



Position	Description	Material	
		1/4"	
		AX1E..	AX1K..
1	Body	Stainless Steel AISI 316L	
2	Covers	Stainless Steel AISI 316L	
3	Spool	Hard anodized aluminium	
4	Distancers	Technopolymer	
5	Seals	HNBR	
6	Spring	Stainless Steel	
7	Plunger	Stainless Steel	

Accessories



N.	Item	Description	Compliance	Matching		Code key page	Data sheet page
				1/4"			
				AX1NE..	AX1NEG..		
1	ASA12..	Coil	EN60204 VDE0580	●	-	5.124.1	2.315.10
	ASA2..		EN60204.1 VDE0580	●	-		2.315.11
	ASA34..		EN175301-803-A	-	●	2.315.14	
	ASA12../ATEXII3	ATEX coil	2014/34/EU	●	-	5.155.2	
	ASA2../ATEXII2			●	-	5.156.2	
	ASA4../ATEXII2			●	-	5.157.2	
2	A12209..	Connector	VDE 0110-1/89	●	-	5.124.1	2.318.12
	A18209..			●	●		2.318.14
	A122../ATEX	ATEX connector	2014/34/EU	●	-	5.155.3	
3	A12209..K	Cabled connector	VDE 0110-1/89	●	-	5.124.1	2.318.12
	A18209..K			●	●		2.318.14
4	AFEX.. AEX.. AEPX.. AERX	Stainless Steel silencers	-	●	●	5.390.1	
5	RX..	Stainless Steel push-in fittings	UNI ISO 228/1 UNI ISO 7/1 ISO R/232	●	●	5.302.1	
5	AVRX..	Stainless Steel silenced regulators	-	●	●	5.375.1	

Key
● matching accessory; - not matching accessory

Stainless Steel NAMUR solenoid operated valves series AX1N

1/4", 3/2 solenoid/spring



Main features

Version	Actuation	Code	Item	Symbol
3/2 Normally closed	Electric Ø9	037029X	AX1NE230	
	Electric Ø13	*	AX1NEG230	



Technical data

Version	3/2 Normally closed	
Code	037029X	*
Item	AX1NE230	AX1NEG230
Size	1/4"	
Fluid	Compressed air with or without lubrication. Lubrication, if started, must be continued.	
Pressure range	1,5 ÷ 10 bar	1,5 ÷ 12 bar
Temperature range	-25°C ÷ +70°C (standard)	-10°C ÷ +150°C (V)
Plunger Ø	9 mm	13 mm
Orifice Ø	8 mm	
Flow at 6 bar with ΔP 1 bar	1.100 Nl/min.	
ATEX compliance	II 2G Ex h IIC T5 Gb II 2D Ex h IIIC T100°C Db	
Mounting	In every position	
Manual override	Bistable	

Notes

Coils and connectors to be ordered separately.
 For matching between valve body and coils, see page 5.120.6
 For coils ASA12, ASA2 and ASA34 (with increased voltage, only for actuation EG) and for connectors A122 and A182 see page 5.124.1
 For ATEX coils and connectors see from page 5.150.1

WARNING: by combining the ATEX valve body with a standard coil and/or connector, result in the assembly not to comply with 2014/34/EU ATEX Directive, in any classification

* For code, please contact the sales department

For code and availability of NPT threads, please contact the sales department

Stainless Steel NAMUR solenoid operated valves series AX1N

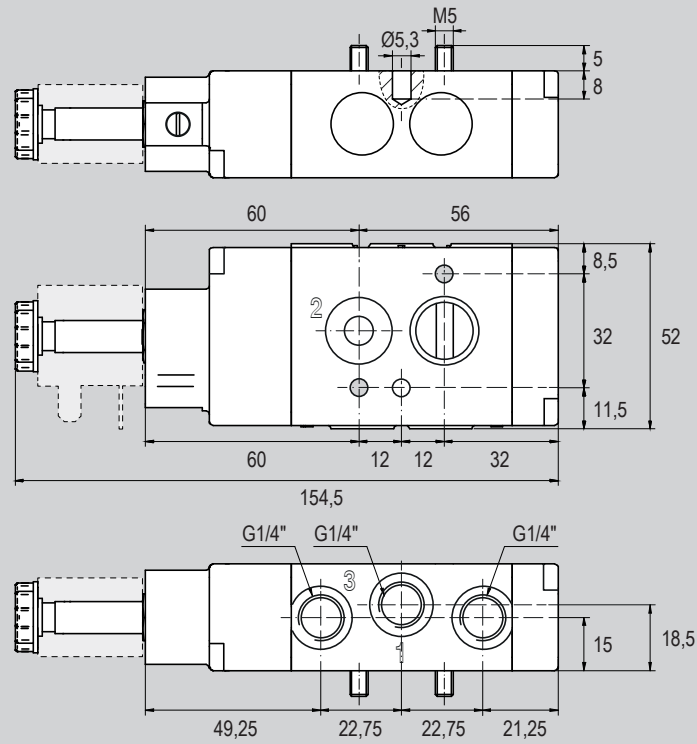
1/4", 3/2 solenoid/spring



Standard dimensions

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h IIIIC T100°C Db

Type: **3/2 N.C.**



Version	Actuation	Symbol	Code	Item
1/4" 3/2 Normally closed	Electric Ø 9		037029X	AX1NE230
	Electric Ø 13		*	AX1NEG230

*For code, please contact the sales department.
For availability and code of versions with NPT threads (AX1NE2N.. and AX1NEG2N..), please contact the sales department.

Stainless Steel NAMUR solenoid operated valves series AX1N

1/4", 3/2 solenoid/solenoid



Main features

Version	Actuation	Code	Item	Symbol
3/2 solenoid/solenoid	Electric Ø9	037030X	AX1NE232	
	Electric Ø13	*	AX1NEG232	



Technical data

Version	3/2 solenoid/solenoid	
Code	037030X	*
Item	AX1NE232	AX1NEG232
Size	1/4"	
Fluid	Compressed air with or without lubrication. Lubrication, if started, must be continued.	
Pressure range	1 ÷ 10 bar	1 ÷ 12 bar
Temperature range	-25°C ÷ +70°C (standard)	-10°C ÷ +150°C (V)
Plunger Ø	9 mm	13 mm
Orifice Ø	8 mm	
Flow at 6 bar with ΔP 1 bar	1.100 Nl/min.	
ATEX compliance	II 2G Ex h IIC T5 Gb II 2D Ex h IIIC T100°C Db	
Mounting	In every position (vertical not recommended when in presence of vibrations)	
Manual override	Bistable	

Notes

Coils and connectors to be ordered separately.

For matching between valve body and coils, see page 5.120.6

For coils ASA12, ASA2 and ASA34 (with increased voltage, only for actuation EG) and for connectors A122 and A182 see page 5.124.1

For ATEX coils and connectors see from page 5.150.1

WARNING: by combining the ATEX valve body with a standard coil and/or connector, result in the assembly not to comply with 2014/34/EU ATEX Directive, in any classification

* For code, please contact the sales department

For code and availability of NPT threads, please contact the sales department

Stainless Steel NAMUR solenoid operated valves series AX1N

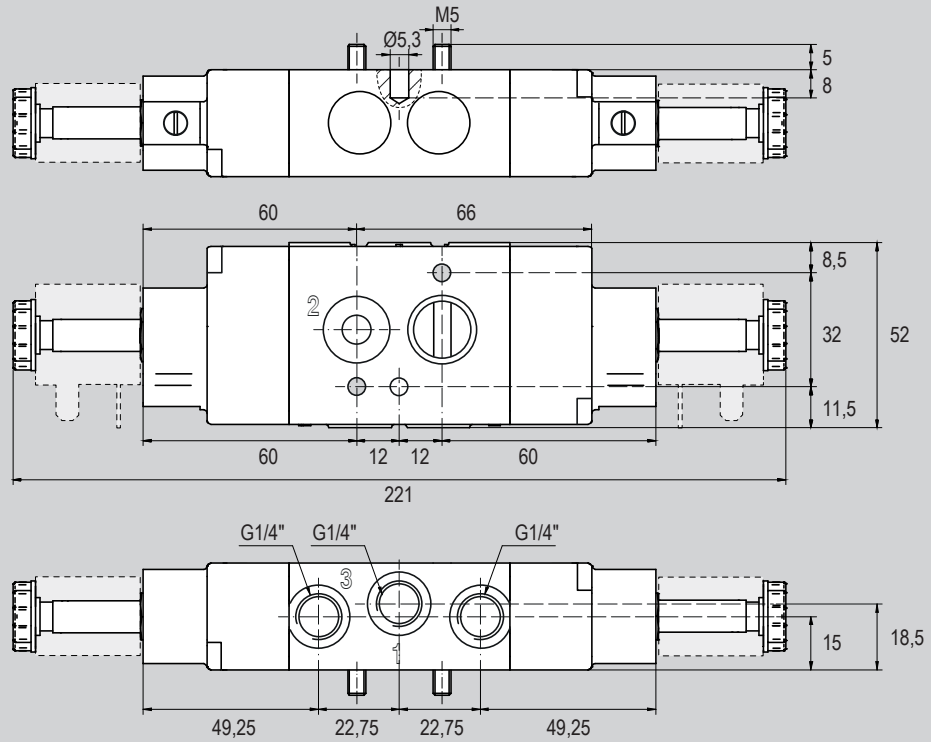
1/4", 3/2 solenoid/solenoid



Standard dimensions

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h IIIC T100°C Db

Type: 3/2 solenoid/solenoid



Version	Actuation	Symbol	Code	Item
1/4" 3/2 solenoid/solenoid	Electric Ø 9		037030X	AX1NE232
	Electric Ø 13		*	AX1NEG232

*For code, please contact the sales department.

For availability and code of versions with NPT threads (AX1NE2N.. and AX1NEG2N..), please contact the sales department.

Stainless Steel NAMUR solenoid operated valves series AX1N

1/4", 5/2 solenoid/spring



Main features

Version	Actuation	Code	Item	Symbol
5/2 solenoid/spring	Electric Ø9	037008X	AX1NE250	
	Electric Ø13	*	AX1NEG250	



Technical data

Version	5/2 solenoid/spring	
Code	037008X	*
Item	AX1NE250	AX1NEG250
Size	1/4"	
Fluid	Compressed air with or without lubrication. Lubrication, if started, must be continued.	
Pressure range	1,5 ÷ 10 bar	1,5 ÷ 12 bar
Temperature range	-25°C ÷ +70°C (standard)	-10°C ÷ +150°C (V)
Plunger Ø	9 mm	13 mm
Orifice Ø	8 mm	
Flow at 6 bar with ΔP 1 bar	1.100 Nl/min.	
ATEX compliance	II 2G Ex h IIC T5 Gb II 2D Ex h IIIC T100°C Db	
Mounting	In every position	
Manual override	Bistable	

Notes

Coils and connectors to be ordered separately.
 For matching between valve body and coils, see page 5.120.6
 For coils ASA12, ASA2 and ASA34 (with increased voltage, only for actuation EG) and for connectors A122 and A182 see page 5.124.1
 For ATEX coils and connectors see from page 5.150.1

WARNING: by combining the ATEX valve body with a standard coil and/or connector, result in the assembly not to comply with 2014/34/EU ATEX Directive, in any classification

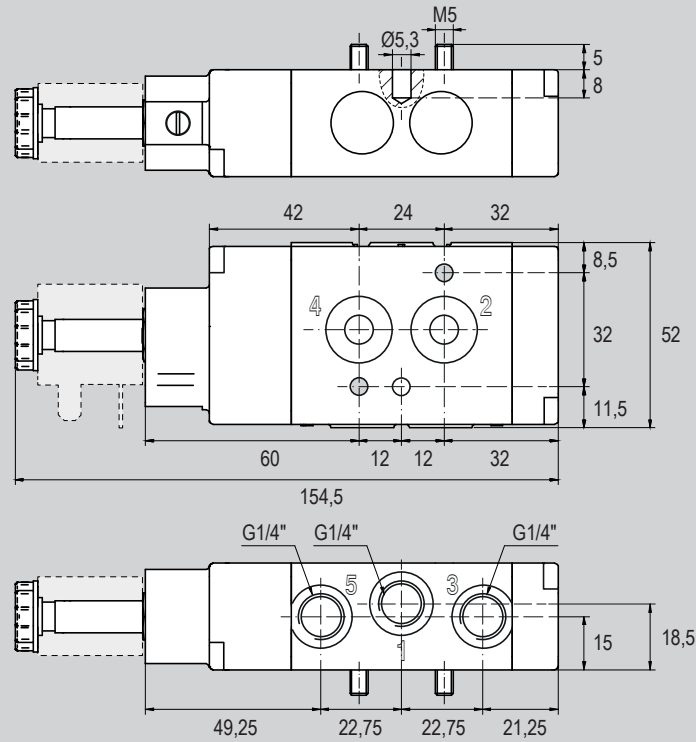
* For code, please contact the sales department

For code and availability of NPT threads, please contact the sales department

Standard dimensions

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h IIIC T100°C Db

Type: 5/2 solenoid/spring



Version	Actuation	Symbol	Code	Item
1/4" 5/2 solenoid/spring	Electric Ø 9		037008X	AX1NE250
	Electric Ø 13		*	AX1NEG250

*For code, please contact the sales department.
For availability and code of versions with NPT threads (AX1NE2N.. and AX1NEG2N..), please contact the sales department.

Stainless Steel NAMUR solenoid operated valves series AX1N

1/4", 5/2 solenoid/solenoid



Main features

Version	Actuation	Code	Item	Symbol
5/2 solenoid/solenoid	Electric Ø9	037031X	AX1NE251	
	Electric Ø13	*	AX1NEG251	



Technical data

Version	5/2 solenoid/solenoid	
Code	037031X	*
Item	AX1NE251	AX1NEG251
Size	1/4"	
Fluid	Compressed air with or without lubrication. Lubrication, if started, must be continued.	
Pressure range	1 ÷ 10 bar	1 ÷ 12 bar
Temperature range	-25°C ÷ +70°C (standard)	-10°C ÷ +150°C (V)
Plunger Ø	9 mm	13 mm
Orifice Ø	8 mm	
Flow at 6 bar with ΔP 1 bar	1.100 Nl/min.	
ATEX compliance	II 2G Ex h IIC T5 Gb II 2D Ex h IIIC T100°C Db	
Mounting	In every position (vertical not recommended when in presence of vibrations)	
Manual override	Bistable	

Notes

Coils and connectors to be ordered separately.

For matching between valve body and coils, see page 5.120.6

For coils ASA12, ASA2 and ASA34 (with increased voltage, only for actuation EG) and for connectors A122 and A182 see page 5.124.1

For ATEX coils and connectors see from page 5.150.1

WARNING: by combining the ATEX valve body with a standard coil and/or connector, result in the assembly not to comply with 2014/34/EU ATEX Directive, in any classification

* For code, please contact the sales department

For code and availability of NPT threads, please contact the sales department

Stainless Steel NAMUR solenoid operated valves series AX1N

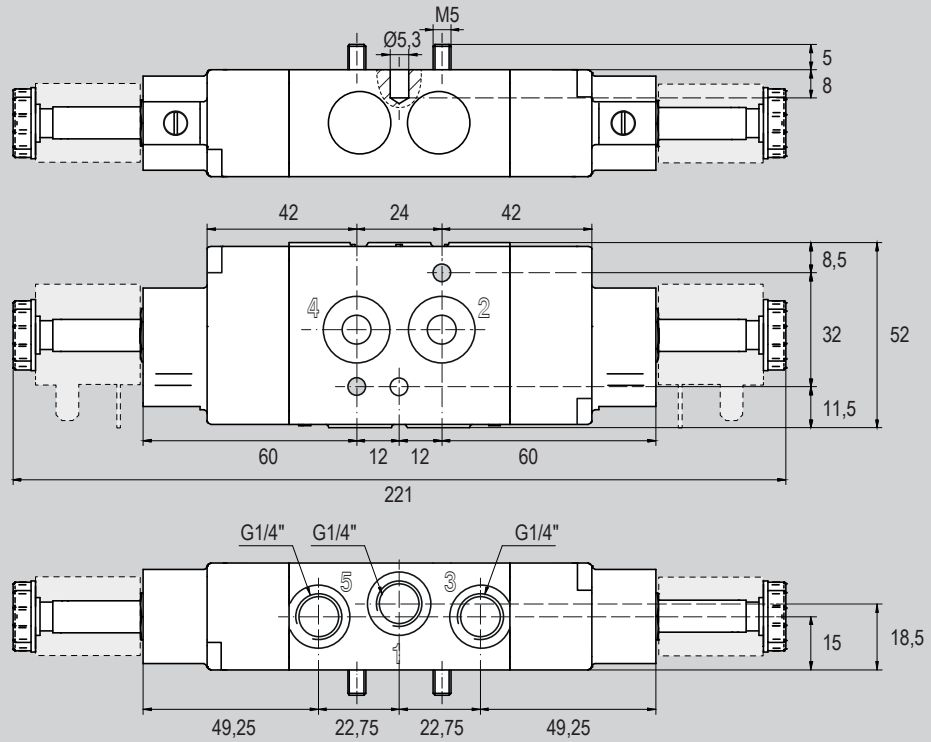
1/4", 5/2 solenoid/solenoid



Standard dimensions

CE Ex II 2G Ex h IIC T5 Gb
II 2D Ex h IIIC T100°C Db

Type: 5/2 solenoid/solenoid








Version	Actuation	Symbol	Code	Item
1/4" 5/2 solenoid/solenoid	Electric Ø 9		037031X	AX1NE251
	Electric Ø 13		*	AX1NEG251





*For code, please contact the sales department.

For availability and code of versions with NPT threads (AX1NE2N.. and AX1NEG2N..), please contact the sales department.


Coils ASA12..

	Voltage	Code	Item	Matching
	12V DC	032100	ASA1201200	AX1NE
	12V AC	032101	ASA1201250	
	24V DC	032102 	ASA1202400	
	24V AC	032103 	ASA1202450	
	48V AC	032104	ASA1204850	
	110V AC	032105 	ASA1211050	
	230V AC	032106 	ASA1223050	



Coils ASA2..

	Voltage	Code	Item	Matching
	12V DC	032109	ASA201200	AX1NE
	12V AC	032110	ASA201250	
	24V DC	032111 	ASA202400	
	24V AC	032112 	ASA202450	
	48V AC	032113	ASA204850	
	110V AC	032114	ASA211050	
	230V AC	032115 	ASA223050	

Coils ASA34..



	Voltage	Code	Item	Matching
	24V DC	034341	ASA3402400	AX1NEG
	24V AC	034340	ASA3402450	
	110V AC	034342	ASA3411050	
	240V AC	034343	ASA3424050	

Connectors A122..⁽¹⁾

	Code	Item	Version
	032118 	A12209N	Black standard
	033521	A12209NK	Black standard cabled
	032204	A12209T1	LED+VDR transparent 24VAC-DC
	032205	A12209T2	LED+VDR transparent 115VAC-DC
	032206	A12209T3	LED+VDR transparent 230VAC-DC
	033522	A12209N1K	LED+VDR black cabled 24VAC-DC
	033523	A12209N2K	LED+VDR black cabled 115VAC-DC
	033524	A12209N3K	LED+VDR black cabled 230VAC-DC

(1) For coils type ASA12

Connectors A182..⁽²⁾

	Code	Item	Version
	032119 	A18209N	Black standard
	033531	A18209NK	Black standard cabled
	032207	A18209T1	LED+VDR transparent 24VAC-DC
	032208	A18209T2	LED+VDR transparent 115VAC-DC
	032209	A18209T3	LED+VDR transparent 230VAC-DC
	033532	A18209N1K	LED+VDR black cabled 24VAC-DC
	033533	A18209N2K	LED+VDR black cabled 115VAC-DC
	033534	A18209N3K	LED+VDR black cabled 230VAC-DC

(2) For coils type ASA2 e ASA34

STAINLESS STEEL

solenoid operated valves, ATEX coils and connectors



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Wide availability



Fast delivery



Features and certifications

Stainless steel solenoid operated valves for applications in potentially explosive atmospheres. These solenoid operated valves, fully made in stainless steel, are supplied complete and already assembled with coil and connector, and conforming to 2014/34/EU Directive, available in classification Ex ia (intrinsic safety coil) or Ex d (explosion proof coil). They are also compliant with Reach and RoHS directives, and SIL certified.



Complete stainless steel solenoid operated valves conforming to ATEX Ex ia (valve body mounted with intrinsic safe coil) type XA from page 5.151.1

Stainless steel solenoid operated valves supplied complete and already mounted, composed by the desired valve body, 30 mm Ex ia intrinsic safety coil (voltage 21.6 + 28 V DC) and compatible connector.

Conforming to 2014/34/EU ATEX Directive for applications in potentially explosive atmospheres, Group II, cat. 2 Gas & Powders, temperature class T6, protection grade IP65. Ex ia coil can be matched with valve bodies series AX1E and series AX1NE.



Complete stainless steel solenoid operated valves conforming to ATEX Ex ia (valve body mounted with intrinsic safe coil) type XA1 from page 5.151.1

Stainless steel solenoid operated valves supplied complete and already mounted, composed by the desired valve body, 30 mm Ex ia intrinsic safety coil (voltage 21.6 + 28 V DC) and compatible connector.

Conforming to 2014/34/EU ATEX Directive for applications in potentially explosive atmospheres, Group II, cat. 2 Gas & Powders, temperature class T4, protection grade IP65. Ex ia coil can be matched with valve bodies series AX1E and series AX1NE.



Complete stainless steel solenoid operated valves conforming to ATEX Ex d (valve body mounted with explosion proof coil) type XC from page 5.152.1

Stainless steel solenoid operated valves supplied complete and already mounted, composed by the desired valve body and explosion proof coil Ex d with integrated pilot, available in different voltages. Conforming to 2014/34/EU ATEX Directive for applications in potentially explosive atmospheres, Group II, cat. 2 Gas, temperature class T6. Ex d coil can be matched with valve bodies series AX1E and series AX1NE.



Caratteristiche e certificazioni

Coils and connectors to be combined with stainless steel valve bodies for the configuration of solenoid operated valves suitable for applications in potentially explosive atmospheres. The solenoid valves configured in this way comply with the ATEX directive 2014/34/EU, in classification Ex ec (increased safety coil), Ex dm (explosion proof encapsulated coil) or Ex mb (encapsulated coil). They are also compliant with Reach and RoHS directives and SIL certified. Stainless steel valve bodies, coils and connectors are to be ordered separately.



Coils and connectors conforming to ATEX Ex ec (to be configured combining valve body with increased safety coil and connector) from page 5.155.1

Solenoid operated valves to be configured by combining the desired stainless steel valve body with increased safety coil Ex ec type ASA12/ATEXII3 size 22 mm (available in various voltages) and connector type A12209N/ATEX size 22 mm. Thus configured, the solenoid operated valve comply with 2014/34/EU ATEX Directive for applications in potentially explosive atmospheres Group II, category 3 Gas and dust, temperature class T5, protection grade IP65. Stainless steel valve bodies, coils and connectors are to be ordered separately.



Coils conforming to ATEX Ex dm (to be configured combining valve body with explosion proof encapsulated coil) from page 5.156.1

Solenoid operated valves to be configured by combining the desired stainless steel valve body with explosion proof encapsulated coil Ex dm type ASA4/ATEXII2 size 36 mm with integrated connector. Thus configured, the solenoid operated valve comply with 2014/34/EU ATEX Directive for applications in potentially explosive atmospheres Group II, category 2 Gas and dust, temperature class T5, protection grade IP66. Stainless steel valve bodies, coils and connectors are to be ordered separately.



Coils conforming to ATEX Ex mb (to be configured combining valve body with encapsulated coil) from page 5.157.1

Solenoid operated valves to be configured by combining the desired stainless steel valve body with encapsulated coil Ex mb type ASA2/ATEXII2 size 30 mm with integrated cabled connector (cable length 2 m) available in different voltages. Thus configured, the solenoid operated valve comply with 2014/34/EU ATEX Directive for applications in potentially explosive atmospheres Group II, category 2 Gas and dust, temperature class T5, protection grade IP66. Stainless steel valve bodies, coils and connectors are to be ordered separately.



Types and configurations

Solenoid valve	Classification	Coil/Connector	Configuration
Ex ia (type XA)	II 2G Ex ia IIC T6 Gb II 2D Ex tb IIIC T80°C Db X IP65		Stainless steel solenoid operated valve supplied complete with Ex ia intrinsically safe coil and connector mounted, type XA. For combination with stainless steel valve body see the table below; For code key see page 5.150.6; For dimensions see from page 5.150.7
Ex ia (type XA1)	II 2G Ex ia IIC T4 Gb II 2D Ex tb IIIC T130°C Db X IP65		Stainless steel solenoid operated valve supplied complete with Ex ia intrinsically safe coil and connector mounted, type XA1. For combination with stainless steel valve body see the table below; For code key see page 5.150.6; For dimensions see from page 5.150.7
Ex d (type XC)	II 2G Ex db IIC T6 Gb		Stainless steel solenoid operated valve supplied complete with Ex d explosion proof coil with integrated pilot mounted, type XC. For combination with stainless steel valve body see the table below; For code key see page 5.150.6; For dimensions see from page 5.150.9

Matching coil/connector with valve body

Coil/Connector		II 2G Ex ia IIC T6 Gb II 2D Ex tb IIIC T80°C Db IP65	II 2G Ex ia IIC T4 Gb II 2D Ex tb IIIC T130°C Db IP65	II 2G Ex db IIC T6 Gb
Valve body	Size	Supplied already mounted with valve body	Supplied already mounted with valve body	Supplied already mounted with valve body
AX1E	1/4"	●	●	●
AX1EG	1/4"	-	-	-
A1K	1/4"	●	●	●
AX1KG	1/4"	-	-	-
AX1NE	1/4"	●	●	●
AX1NEG	1/4"	-	-	-

Key

● allowed matching; - not allowed matching

Types and configurations

Solenoid valve type	Classification	Coil/Connector	Configuration
EX ec	II 3G Ex ec IIC T5 Gc II 3D Ex tc IIIC T95°C Dc IP65		To configure the stainless steel solenoid valve, combine: <ul style="list-style-type: none"> desired stainless steel valve body, see from page 5.102.1 (for valves series AX1) and from page 5.120.1 (for valves series AX1N); coil type ASA12/ATEXII3, see page 5.155.2; connector type A12209N/ATEX, see page 5.155.3;
EX dm	II 2G Ex db mb IIC T5 Gb II 2D Ex tb IIIC T95°C Db IP66		To configure the stainless steel solenoid valve, combine: <ul style="list-style-type: none"> desired stainless steel valve body, see from page 5.102.1 (for valves series AX1) and from page 5.120.1 (for valves series AX1N); coil type ASA4/ATEXII2 (with integrated connector), see page 5.156.2;
EX mb	II 2G Ex mb IIC T5 Gb II 2D Ex tb IIIC T95°C Db IP66		To configure the stainless steel solenoid valve, combine: <ul style="list-style-type: none"> desired stainless steel valve body, see from page 5.102.1 (for valves series AX1) and from page 5.120.1 (for valves series AX1N); coil type ASA2/ATEXII2 (with 2 mt. cabled connector integrated), see page 5.157.2;

Matching coil/connector with valve body

Coil/Connector		II 3G Ex ec IIC T5 Gc II 3D Ex tc IIIC T95°C Dc IP65		II 2G Ex db mb IIC T5 Gb II 2D Ex tb IIIC T95°C Db IP66		II 2G Ex mb IIC T5 Gb II 2D Ex tb IIIC T95°C Db IP66	
Valve body		ASA12/ATEXII3 (coil)	A12209N/ATEX (connector)	ASA4/ATEXII2 (coil with integrated connector)	ASA2/ATEXII2 (coil with integrated cabled connector)		
AX1E	1/4"	●	●	●	●		
AX1EG	1/4"	-	-	-	-		
A1K	1/4"	●	●	●	●		
AX1KG	1/4"	-	-	-	-		
AX1NE	1/4"	●	●	●	●		
AX1NEG	1/4"	-	-	-	-		

Key

● allowed matching; - not allowed matching

Stainless steel solenoid operated valves, ATEX coils and connectors

Complete stainless steel solenoid operated valves type XA - XA1, intrinsic safety Ex ia



Main features

Stainless steel solenoid operated valves supplied complete and already mounted, composed by the desired valve body, 30 mm Ex ia intrinsic safety coil (voltage 21.6 ÷ 28 V DC) and relevant connector.

The Ex ia coil (and its connector) can be matched with:

- stainless steel valve bodies series AX1E size 1/4" and 1/2", electric actuated, also with external air pilot;

- stainless steel valve bodies series AX1NE size 1/4", electric actuated;

These stainless steel solenoid valve are available in two different ATEX classification:

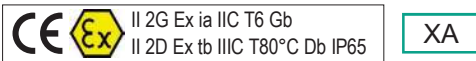
Type XA is conforming to 2014/34/UE ATEX Directive suitable for applications in potentially explosive atmospheres, Group II, cat. 2 Gas & Powders, temperature class T6, protection grade IP65.

Type XA1 is conforming to 2014/34/UE ATEX Directive for applications in potentially explosive atmospheres, Group II, cat. 2 Gas & Powders, temperature class T4, protection grade IP65.

For code key see from page 5.151.2

For dimensions see from page 5.151.3

For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1



XA



XA1

Technical data

Solenoid valve		type XA	type XA1
ATEX classification		II 2G Ex ia IIC T6 Gb II 2D Ex tb IIIC T80°C Db IP65	II 2G Ex ia IIC T4 Gb II 2D Ex tb IIIC T130°C Db IP65
Protection	Gas	Ex ia	
	Dust	Ex tb	
Protection grade		IP65	
Fluid		Compressed air with or without lubrication. Lubrication, if started, must be continued.	
Pressure range	Solenoid/Spring	2,5 ÷ 8 bar	
	Solenoid/Solenoid	1 ÷ 8 bar	
	3 positions	2,5 ÷ 8 bar	
Temperature range	Standard	-25°C ÷ +60°C	-25°C ÷ +50°C

Standard materials

Solenoid valve		type XA	type XA1
Plunger		Brass	
Coil		Thermoset resin	
Connector		Thermoset resin	
Valve body	AX1E AX1K	See page 5.102.5	
	AX1NE	See page 5.120.5	

Electrical features ATEX coil/connector

Nominal Voltage	Frequency	Nominal current	Nominal power	Duty cycle	Temperature class	Standard voltage	Suffix	ATEX Classification	Coil/Connector
21.6 ÷ 28 V DC	-	0.115 A (@ 28VDC)	1.6 W (@ 28VDC)	100% ED	T6	●	C	II 2G Ex ia IIC T6 Gb II 2D Ex tb IIIC T80°C Db IP65	XA
21.6 ÷ 28 V DC	-	0.115 A (@ 28VDC)	1.6 W (@ 28VDC)	100% ED	T4	●	C	II 2G Ex ia IIC T4 Gb II 2D Ex tb IIIC T130°C Db IP65	XA1

Key

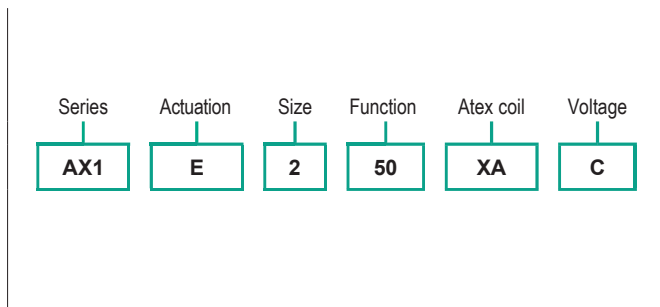
● standard voltage



Code key solenoid valves ATEX complete with coils and connectors

Series	Actuation	Size	Function	ATEX coil	Voltage
AX1	E	2	50	XA	C
AX1 = In linea AX1N ⁽¹⁾ = Namur	E = Electric K ⁽²⁾ = Electric with external air pilot	2 = 1/4" Gas 2N = 1/4" NPT	30 = 3/2 Normally closed 31 = 3/2 Normally open 32 = 3/2 Solenoid/Solenoid 50 = 5/2 Solenoid/Spring 51 = 5/2 Solenoid/Solenoid 52 = 5/2 Solenoid/Solenoid differential 70 = 5/3 Closed Centres 71 = 5/3 Open Centres 72 = 5/3 Pressurized Centres	XA = II 2G Ex ia IIC T6 Gb II 2D Ex tb IIIC T80°C Db IP65 XA1 = II 2G Ex ia IIC T4 Gb II 2D Ex tb IIIC T130°C Db IP65	See table at page 5.151.1

How to order



Notes

For standard material of valve body series AX1 see page 5.102.5
 For standard material of valve body series AX1N see page 5.122.5
 For standard materials of coils and connectors see page 5.151.1

(1) Valves series AX1N available only with electric actuation (E) in functions 3/2 N.C. (30), 3/2 solenoid/solenoid (32), 5/2 solenoid/spring (50), and 5/2 solenoid/solenoid (51).

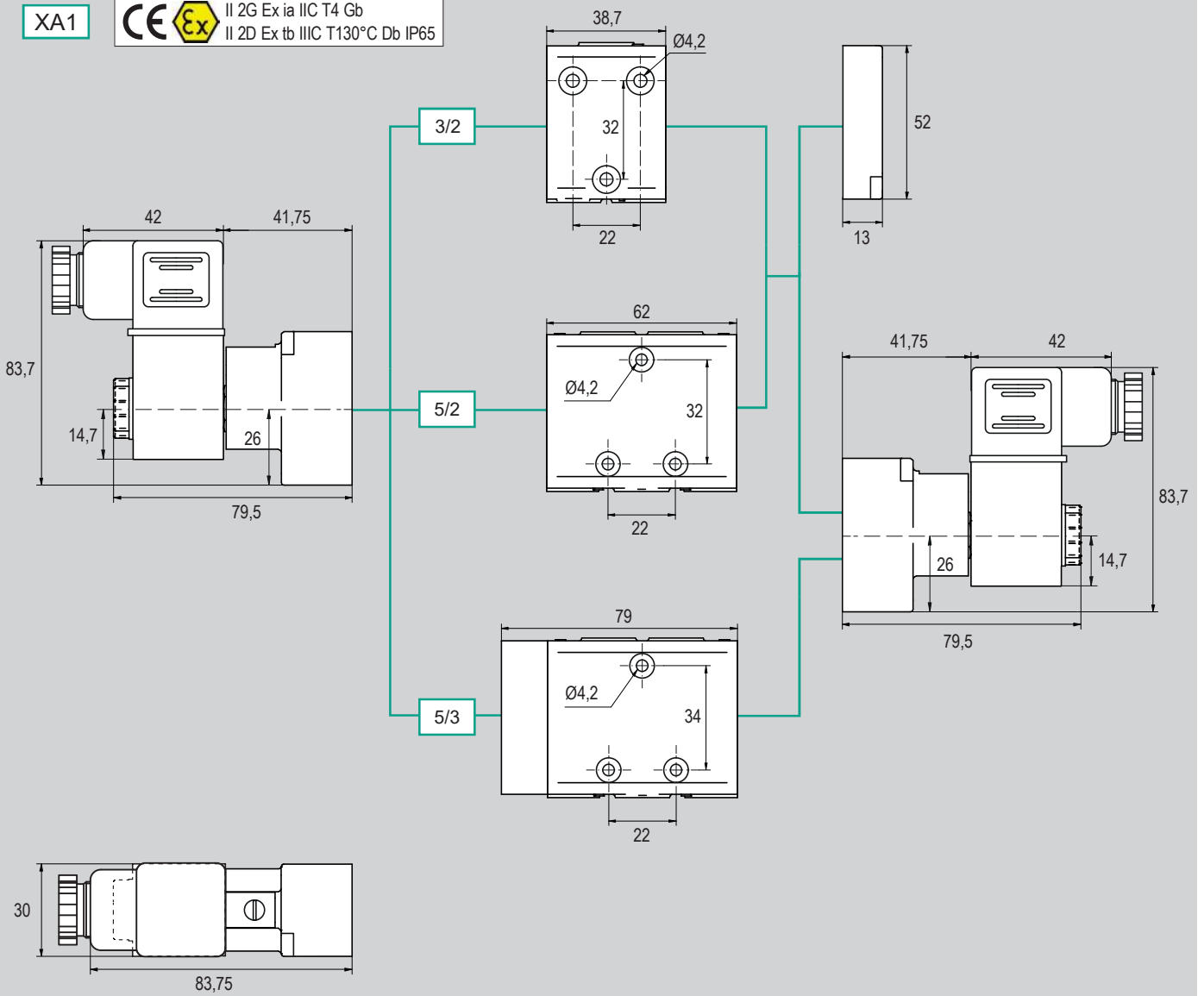
(2) Electric actuation with external air pilot (K) is available only for series AX1 in functions 3/2 N.C. (30), 3/2 solenoid/solenoid (32), 5/2 solenoid/spring (50), 5/2 solenoid/solenoid (51), 5/3 closed centres (70), 5/3 open centres (71) and 5/3 pressurized centres (72).

For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1

Dimensions coil and connector series XA and XA1 with stainless steel valves body series AX1E e AX1K (1/4")

Valve bodies series: **AX1E - AX1K**

- XA** II 2G Ex ia IIC T6 Gb
II 2D Ex tb IIIC T80°C Db IP65
- XA1** II 2G Ex ia IIC T4 Gb
II 2D Ex tb IIIC T130°C Db IP65



For further information on features of valve body series AX1E2 and AX1K2 (1/4"), see from page 5.105.10

Stainless steel solenoid operated valves, ATEX coils and connectors

Complete stainless steel solenoid operated valves type XC, explosion proof coil Ex d



Main features

Stainless steel solenoid operated valves supplied complete and already mounted, composed by the desired valve body and Ex d explosion proof coil with integrated pilot.

The Ex d coil can be matched with:

- valve bodies series AX1E size 1/4", electric actuated;
- valve bodies series AX1NE size 1/4", electric actuated.

Type XC is conforming to 2014/34/EU ATEX Directive suitable for applications in potentially explosive atmospheres, Group II, cat. 2 Gas, temperature class T6.

For code key see page 5.152.2

For dimensions see from page 5.152.3

For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1



XC


Technical data

Elettrovalvola	tipo XC	
ATEX classification	II 2G Ex db IIC T6 Gb	
Protection	Gas	Ex db
	Dust	-
Protection grade	-	
Fluid	Compressed air with or without lubrication. Lubrication, if started, must be continued.	
Pressure range	Solenoid/Spring	2,5 ÷ 8 bar
	Solenoid/Solenoid	1 ÷ 8 bar
	3 positions	2,5 ÷ 8 bar
Temperature range	Standard	-25°C ÷ +60°C

Standard materials

Elettrovalvola	tipo XC	
Plunger	Stainless Steel AISI 316L	
Coil		
Connector		
Valve body	AX1E	See page 5.102.5
	AX1NE	See page 5.120.5

Electrical features ATEX coil/connector

Nominal Voltage	Frequency	Nominal current	Nominal power	Duty cycle	Temperature class	Standard voltage	Suffix	ATEX Classification	Coil/Connector
12 VDC	50 / 60 Hz	-	3.5 W	100% ED	T6	-	B	II 2G Ex db IIC T6 Gb	XC 
24 VDC						●	C		
24VAC						●	F		
110 VAC			-			I			
120 VAC			●			M			
220 VAC			●			O			
240 VAC			-			Q			

Key

- standard voltage; - voltage available on request (please contact our sales department)

Stainless steel solenoid operated valves, ATEX coils and connectors

Complete stainless steel solenoid operated valves type XC, explosion proof coil Ex d



Code key solenoid valves ATEX complete with coils and connectors

Series	Actuation	Size	Function	ATEX coil	Voltage
AX1	E	2	50	XC	C
AX1 = In linea AX1N ⁽¹⁾ = Namur	E = Electric	2 = 1/4" Gas 2N = 1/4" NPT	30 = 3/2 Normally closed 31 = 3/2 Normally open 32 = 3/2 Solenoid/Solenoid 50 = 5/2 Solenoid/Spring 51 = 5/2 Solenoid/Solenoid 52 = 5/2 Solenoid/Solenoid differential 70 = 5/3 Closed Centres 71 = 5/3 Open Centres 72 = 5/3 Pressurized Centres	XC = II 2G Ex db IIC T6 Gb	See table at page 5.152.1

How to order

Series	Actuation	Size	Function	Atex coil	Voltage
AX1	E	2	50	XA	C

Notes

For standard material of valve body series AX1 see page 5.102.5
 For standard material of valve body series AX1N see page 5.122.5
 For standard materials of coils see page 5.152.1

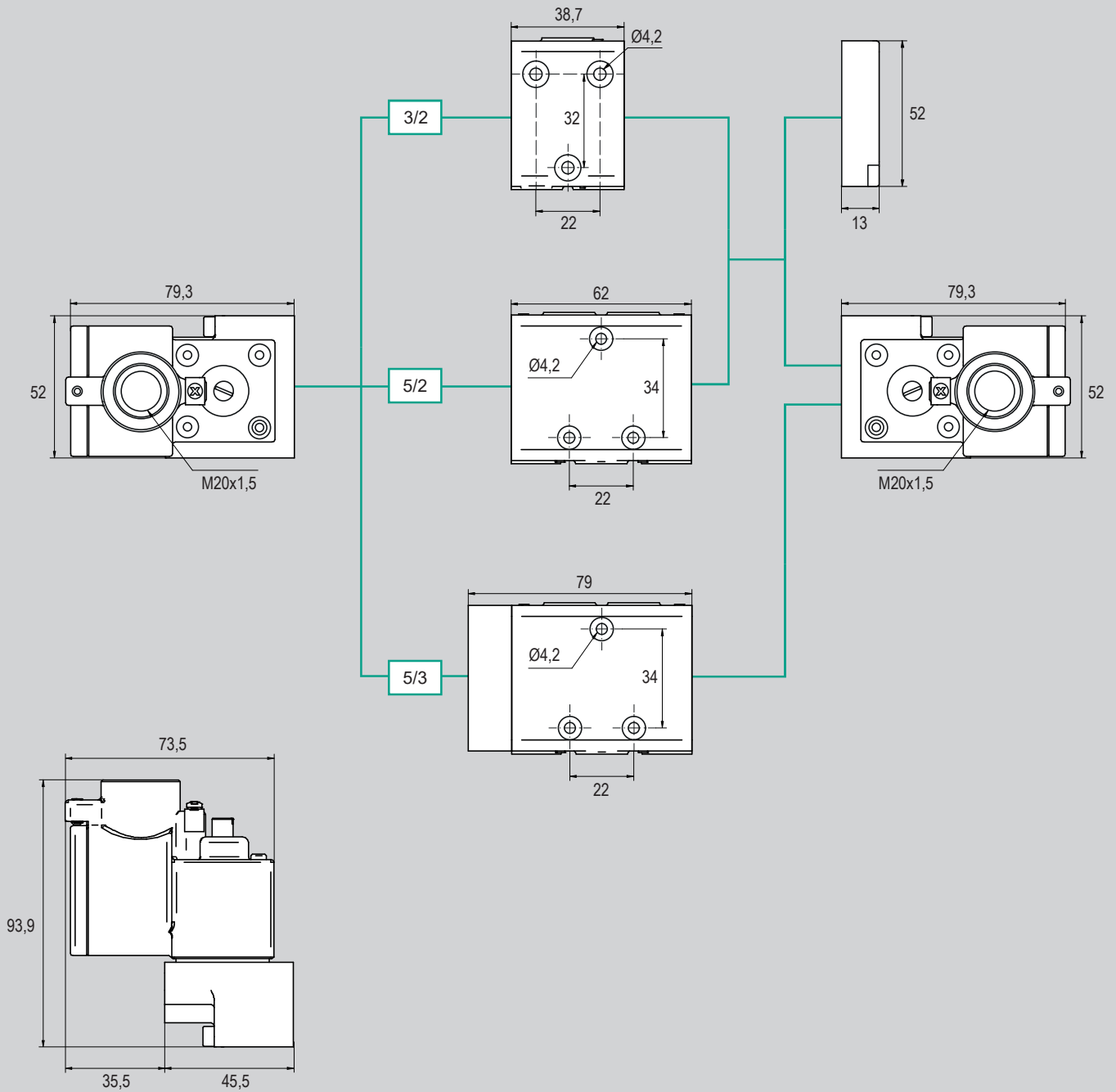
(1) Valves series AX1N available only in functions 3/2 N.C. (30), 3/2 solenoid/solenoid (32), 5/2 solenoid/spring (50), and 5/2 solenoid/solenoid (51).

For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1

Dimensions stainless steel coil series XC with stainless steel valves body series AX1E (1/4")

Valve series: **AX1E**

XC II 2G Ex db IIC T6 Gb

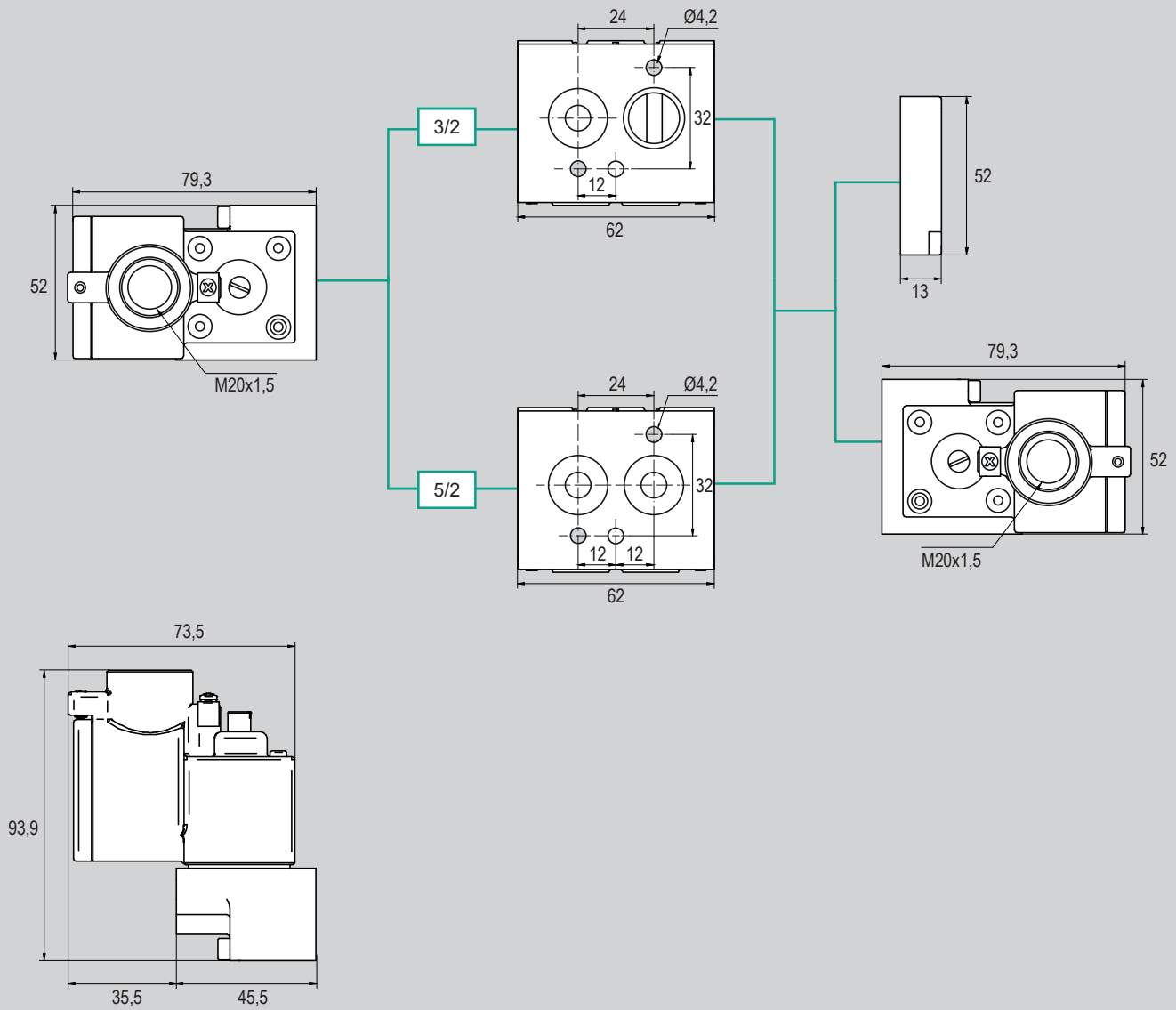


For further information on features of valve body series AX1E2 (1/4"), see from page 5.105.10

Dimensions stainless steel coil series XC with stainless steel valves body series AX1NE (1/4")

Valve series: **AX1NE**

XC II 2G Ex db IIC T6 Gb



For further information on features of valve body series AX1NE2 (1/4"), see from page 5.122.10

Stainless steel solenoid operated valves, ATEX coils and connectors

Coils and connectors supplied separately, increased safety Ex ec



Main features

Stainless steel solenoid operated valves conforming to ATEX Ex ec (increased safety), to be configured combining stainless steel valve body with coil type ASA12/ATEXII3 and connector type A12209N/ATEX.

Stainless steel valve body, coil and connector are supplied separately and not mounted.

The configuration require to order the stainless steel valve body of desired size and function (see the relevant code key of each series), the 22 mm coil type ASA12/ATEXII3 (available in different voltages) and the 22 mm connector type A12209N/ATEX, as shown in the "how to order" table below.

For matching between stainless steel valve body, coil and connector, please see page 5.150.5

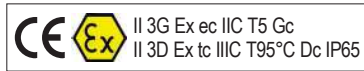
For technical data and for dimensions of the stainless steel valve body, please refer to the relevant pages of each series.

For technical data and for dimensions of the coil type ASA12/ATEXII3 see page 5.155.2

For technical data and for dimensions of the connector type A12209N/ATEX see page 5.155.3

ATEX compliance

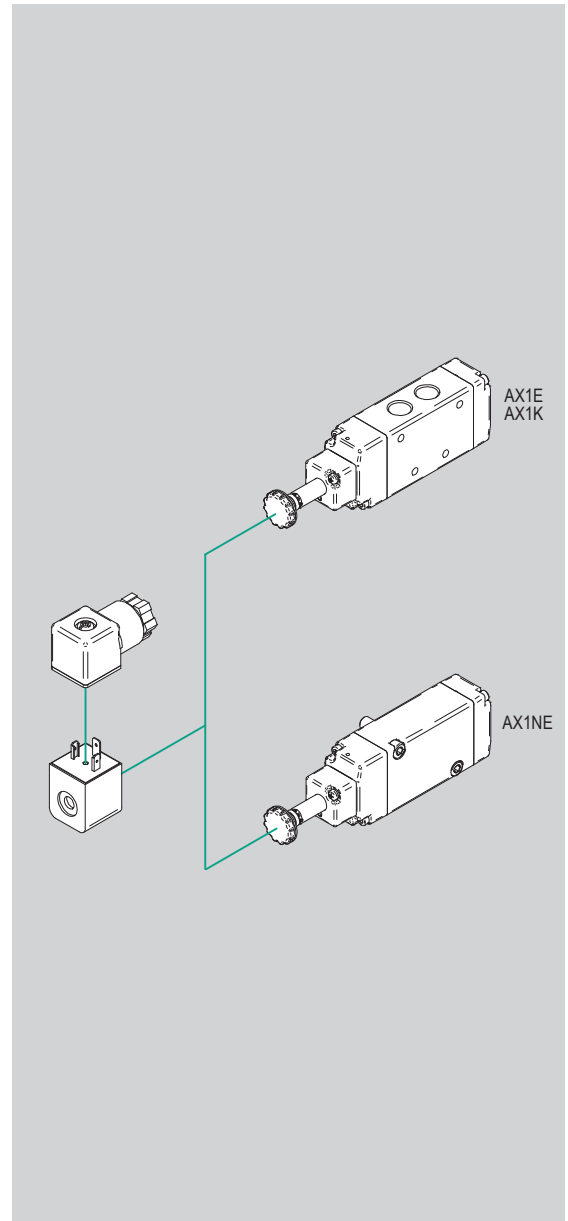
The abovementioned components, while assembled, makes a stainless steel solenoid operated valve conforming to 2014/34/EU ATEX Directive, in classification Ex ec, suitable for application in potentially explosive atmospheres Group II, cat. 3 Gas & Powders, temperature class T5, protection grade IP65, with the following marking:



For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1

How to order

Valve body series	Actuation	Size	Function	ATEX body option
AX1	E	2	50	/ATEX
Coil series	Size	Voltage	ATEX compliance	
ASA	12	024 00	/ATEXII3	
Connector series	Size	Voltage	Color	ATEX compliance
A	122	09	1	/ATEX



Valve body technical data, dimensions and materials

Technical data, dimensions and materials of the stainless steel valve bodies are the same of the standard stainless steel valve body. For further information, please see the relevant pages, as indicated in the table below.

Series	Size	Technical data					Dimensions					Standard materials
		3/2 sol./spring	3/2 sol./sol.	5/2 sol./spring	3/2 sol./sol.	5/3	3/2 sol./spring	3/2 sol./sol.	5/2 sol./spring	3/2 sol./sol.	5/3	
AX1E	1/4"	5.105.10	5.105.20	5.105.40	5.105.50	5.105.70	5.105.11	5.105.21	5.105.41	5.105.51	5.105.71	5.102.5
AX1K	1/4"	5.105.10	5.105.20	5.105.40	5.105.50	5.105.70	5.105.12	5.105.22	5.105.42	5.105.52	5.105.72	5.102.5
AX1NE	1/4"	5.122.10	5.122.20	5.122.40	5.122.50	-	5.122.11	5.122.21	5.122.41	5.122.51	-	5.120.5

Stainless steel solenoid operated valves, ATEX coils and connectors

Coils series ASA12/ATEXII3, increased safety Ex ec



Main features

Version	Standard voltages	Code	Item
ASA12/ATEXII3	12 V DC	032100X	ASA1201200/ATEXII3
	24 V DC	032102X	ASA1202400/ATEXII3
	24 V AC	032103X	ASA1202450/ATEXII3
	110 V AC	032105X	ASA1211050/ATEXII3
	230 V AC	032106X	ASA1223050/ATEXII3



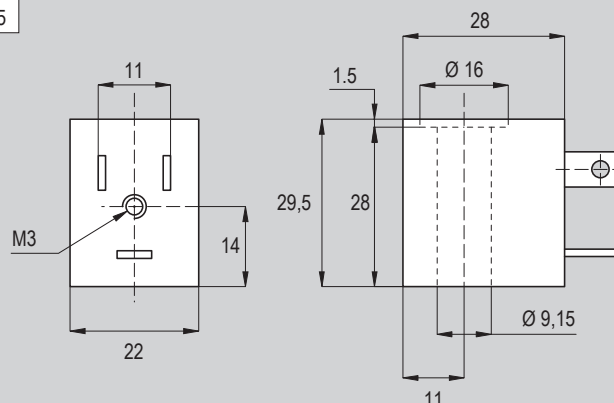
Technical data

Version	ASA12../ATEXII3				
Code	032100X	032102X	032103X	032105X	032106X
Item	ASA1201200/ATEXII3	ASA1202400/ATEXII3	ASA1202450/ATEXII3	ASA1211050/ATEXII3	ASA1223050/ATEXII3
Voltage	12 V DC	24 V DC	24 V AC	110 V AC	230 V AC
Current	0.250 A	0.120 A	0.208 A	0.045 A	-0.023 A
Frequency	-		50/60 Hz		
Size	22 mm				
Plunger Ø	9 mm				
Compliance	ATEX 2014/34/EU				
ATEX classification	II 3G Ex ec IIC T5 Gc II 3D Ex tc IIIC T95°C Dc IP65				
Current	Direct		Alternating		
Voltage tolerance	±10%				
Electrical consumption	3 W		5 VA		
Duty cycle	100% ED				
Class protection*	IP 65				
Insulation class	F				
Temperature range	-10°C ÷ +50°C				
Material	Thermoset resin				
Valves matching	Series AX1E., Series AX1K., Series AX1NE..				
Connectors matching	Series A122..ATEX				

*With connector already mounted

Standard dimensions

II 3G Ex ec IIC T5 Gc
 II 3D Ex tc IIIC T95°C Dc IP65



Main features

Version	Code	Item
A122/ATEX	032118X	A12209N/ATEX

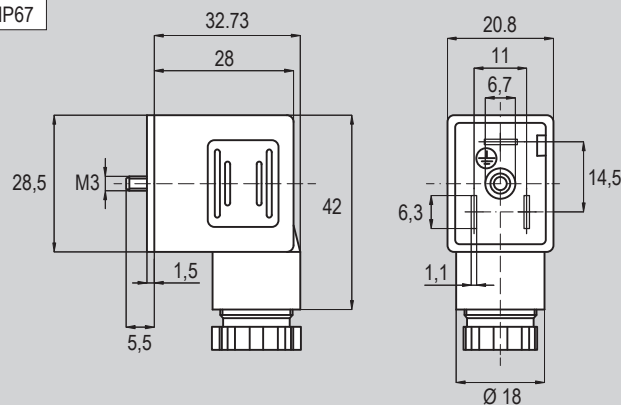


Technical data

Version	A122../ATEX
Code	032118X
Item	A12209N/ATEX
Nominal voltage	230 V DC
Norm	EN 175301-803 (formaDIN 43 650)
Size	22 mm
Contact distance	11 mm
Compliance	ATEX 2014/34/EU
ATEX classification	II 2G Ex eb IIC T5 Gb II 2D Ex tb IIIC T100°C IP65/IP67
Rated impulse voltage	4000 V
Rated current (40°C)	10 A
Contact resistance	≤ 15 mΩ
Insulation resistance	≥ 100 MΩ
Class protection	IP65 / IP67
Insulation class	F
Temperature range	-20°C ÷ +85°C
Material	Thermoset resin
Valves matching	Series AX1E..., Series AX1K..., Series AX1NE..
Coils matching	ASA12../ATEXII3

Standard dimensions

II 2G Ex eb IIC T5 Gb
 II 2D Ex tb IIIC T100°C IP65/IP67



Stainless Steel solenoid operated valves, ATEX coils and connectors

Coils and connectors supplied separately, explosion proof encapsulated coil Ex dm



Main features

Stainless steel solenoid operated valves conforming to ATEX Ex dm (explosion proof encapsulated coil), to be configured combining the stainless steel valve body with coil type ASA4/ATEXII2 with integrated connector.

Stainless steel valve body and coil are supplied separately and not mounted.

The configuration require to order the stainless steel valve body of desired size and function (see the relevant code key of each series), and the 36 mm coil type ASA4/ATEXII2, as shown in the "how to order" table below.

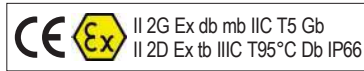
For matching between stainless steel valve body and coil, please see page 5.150.5

For technical data and for dimensions of the stainless steel valve body, please refer to the relevant pages of each series.

For technical data and for dimensions of the coil type ASA4/ATEXII2 see page 5.156.2

ATEX compliance

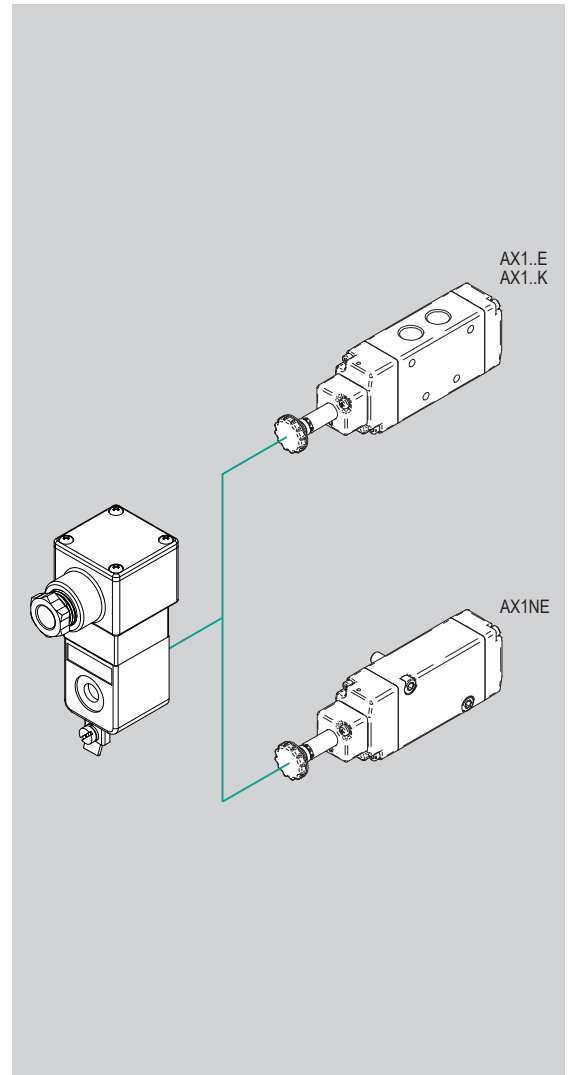
The abovementioned components, while assembled, makes a stainless steel solenoid operated valve conforming to 2014/34/EU ATEX Directive, in classification Ex ec, suitable for application in potentially explosive atmospheres Group II, cat. 2 Gas & Powders, temperature class T5, protection grade IP66, with the following marking:



For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1

How to order

Valve body series	Actuation	Size	Function	ATEX body option
AX1	E	2	50	/ATEX
Coil series	Size	Voltage	ATEX compliance	
ASA	4	024 00	/ATEXII2	



Valve body technical data, dimensions and materials

Technical data, dimensions and materials of the stainless steel valve bodies are the same of the standard stainless steel valve body. For further information, please see the relevant pages, as indicated in the table below.

Series	Size	Technical data					Dimensions					Standard materials
		3/2 sol./spring	3/2 sol./sol.	5/2 sol./spring	3/2 sol./sol.	5/3	3/2 sol./spring	3/2 sol./sol.	5/2 sol./spring	3/2 sol./sol.	5/3	
AX1E	1/4"	5.105.10	5.105.20	5.105.40	5.105.50	5.105.70	5.105.11	5.105.21	5.105.41	5.105.51	5.105.71	5.102.5
AX1K	1/4"	5.105.10	5.105.20	5.105.40	5.105.50	5.105.70	5.105.12	5.105.22	5.105.42	5.105.52	5.105.72	5.102.5
AX1NE	1/4"	5.122.10	5.122.20	5.122.40	5.122.50	-	5.122.11	5.122.21	5.122.41	5.122.51	-	5.120.5

Stainless Steel solenoid operated valves, ATEX coils and connectors

Coils series ASA4/ATEXII/2, explosion proof encapsulated coil Ex dm



Main features

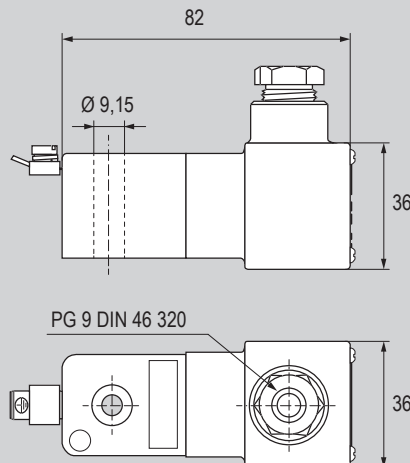
Version	Standard voltages	Code	Item
ASA4/ATEXII2	24 V DC	032199	ASA402400/ATEXII2

Technical data

Version	ASA4/ATEXII2
Code	032199
Item	ASA202400/ATEXII2
Voltage	24 V DC
Frequency	50/60 Hz
Size	36 mm
Plunger Ø	9 mm
Compliance	ATEX 2014/34/EU
ATEX classification	II 2G Ex mb IIC T5 Gb II 2D Ex tb IIIC T95°C IP66 Db
Current	Direct
Voltage tolerance	±10%
Electrical consumption	3.2 VA
Duty cycle	100% ED
Class protection	IP 66
Insulation class	F
Temperature range	-50°C ÷ +50°C
Material	Thermoset resin
Valves matching	Series AX1E..., Series AX1K..., Series AX1NE..
Connectors	Connector integrated

Standard dimensions

II 2G Ex mb IIC T5 Gb
 II 2D Ex tb IIIC T95°C IP66 Db



Stainless Steel solenoid operated valves, ATEX coils and connectors

Coils and connectors supplied separately, encapsulated coil Ex mb



Main features

Stainless steel solenoid operated valves conforming to ATEX Ex mb (encapsulated coil), to be configured combining the stainless steel valve body with coil type ASA2/ATEXII2 with cabled connector integrated.

Stainless steel valve body and coil are supplied separately and not mounted.

The configuration require to order the stainless steel valve body of desired size and function (see the relevant code key of each series), and the 30 mm coil type ASA2/ATEXII2 (available in different voltages), as shown in the "how to order" below.

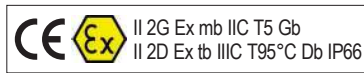
For matching between stainless steel valve body and coil, please see page 5.150.5

For technical data and for dimensions of the stainless steel valve body, please refer to the relevant pages of each series.

For technical data and for dimensions of the coil type ASA2/ATEXII2 see page 5.157.2

ATEX compliance

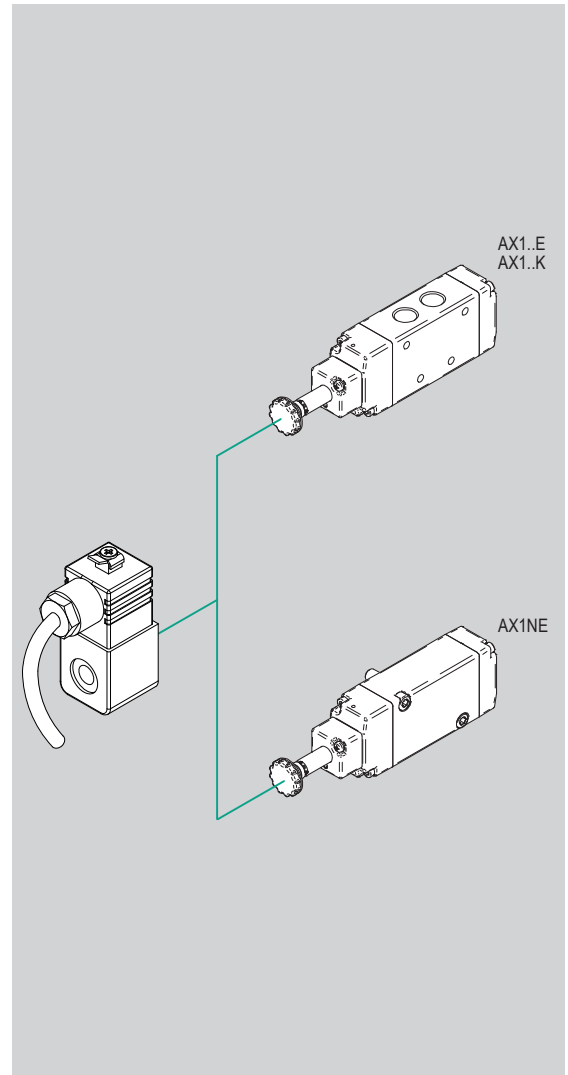
The abovementioned components, while assembled, makes a stainless steel solenoid operated valve conforming to 2014/34/EU ATEX Directive, in classification Ex mb, suitable for application in potentially explosive atmospheres Group II, cat. 2 Gas & Powders, temperature class T5, protection grade IP66, with the following marking:



For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1

How to order

Valve body series	Actuation	Size	Function	ATEX body option
A1	E	2	50	/ATEX
Coil series	Size	Voltage	ATEX compliance	
ASA	2	024 00	/ATEXII2	



Valve body technical data, dimensions and materials

Technical data, dimensions and materials of the stainless steel valve bodies are the same of the standard stainless steel valve body. For further information, please see the relevant pages, as indicated in the table below.

Series	Size	Technical data					Dimensions					Standard materials
		3/2 sol./spring	3/2 sol./sol.	5/2 sol./spring	3/2 sol./sol.	5/3	3/2 sol./spring	3/2 sol./sol.	5/2 sol./spring	3/2 sol./sol.	5/3	
AX1E	1/4"	5.105.10	5.105.20	5.105.40	5.105.50	5.105.70	5.105.11	5.105.21	5.105.41	5.105.51	5.105.71	5.102.5
AX1K	1/4"	5.105.10	5.105.20	5.105.40	5.105.50	5.105.70	5.105.12	5.105.22	5.105.42	5.105.52	5.105.72	5.102.5
AX1NE	1/4"	5.122.10	5.122.20	5.122.40	5.122.50	-	5.122.11	5.122.21	5.122.41	5.122.51	-	5.120.5

Stainless Steel solenoid operated valves, ATEX coils and connectors

Coils series ASA2/ATEXII/2, encapsulated coil Ex mb



Main features

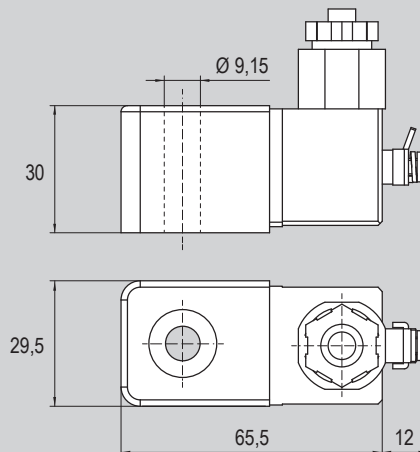
Version	Standard voltages	Code	Item
ASA2/ATEXII2	24 V DC	032192	ASA201200/ATEXII2
	24 V AC	032193	ASA202400/ATEXII2
	48 V AC	032196	ASA202450/ATEXII2
	110 V DC	032197	ASA202450/ATEXII2
	110 V AC	032194	ASA211050/ATEXII2
	230 V AC	032195	ASA223050/ATEXII2

Technical data

Version	ASA2/ATEXII2					
Code	032192	032193	032196	032197	032194	032195
Item	ASA202400/ATEXII2	ASA202450/ATEXII2	ASA204850/ATEXII2	ASA211000/ATEXII2	ASA211050/ATEXII2	ASA223050/ATEXII2
Voltage	24 V DC	24 V AC	48 V AC	110 V DC	110 V AC	230 V AC
Frequency	-	50/60 Hz		-	50/60 Hz	
Size	30 mm					
Plunger Ø	9 mm					
Compliance	ATEX 2014/34/EU					
ATEX classification	II 2G Ex mb IIC T5 Gb II 2D Ex tb IIIC T95°C IP66 Db					
Current	Direct	Alternating		Direct	Alternating	
Voltage tolerance	±10%					
Electrical consumption	3 W	5 VA		3 W	5 VA	
Duty cycle	100% ED					
Class protection	IP 66					
Insulation class	F					
Temperature range	-50°C ÷ +50°C					
Material	Thermoset resin					
Valves matching	Series AX1E.., Series AX1K.., Series AX1NE..					
Connector	Cabled connector integrated					
Cable length	2 mt.					

Standard dimensions

II 2G Ex mb IIC T5 Gb
 II 2D Ex tb IIIC T95°C IP66 Db



STAINLESS STEEL

ancillary valves



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Stainless Steel ancillary valves.
 Different series of ancillary valves with different functions, sizes and configurations.
 Supplied as standard in compliance to Reach and RoHS directives.



Stainless steel miniature ball valves from hexagonal bar

from page 5.161.10



Series of stainless steel miniature ball valves, manual operated, from hexagonal bar. In line mounting, to close or open the flow in both directions. Available in sizes 1/4", 3/8" and 1/2", in configuration female-female or male-female. With blue lever.



Stainless Steel ball valve "full bore"

from page 5.162.10



Series of stainless steel full bore ball valves, manual operated with long lever. In line mounting, to close or open the flow in both directions. Available in sizes from 1/4" to 2" in configuration female-female. With blue lever.

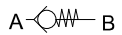


Stainless Steel unidirectional valves

from page 5.163.10



Series of stainless steel unidirectional valves, from hexagonal bar, female threads with piston. In line mounting, allow the compressed air to flow in one direction only; therefore they are suitable for those applications where no return of compressed air to the feeding is allowed. Available from size 1/8" to 2" in configuration female-female.

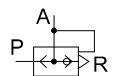


Stainless Steel quick exhaust valves

from page 5.165.10



Series of stainless steel quick exhaust valves, to increase the speed of a cylinder. Available in sizes from 1/8" to 1". Equipped with FKM/PU seals as standard.



Stainless Steel ancillary valves

Stainless steel miniature ball valves from hexagonal bar



Main features

Version	Code	Item	Symbol
Thread 1/4" female-female	030651	2MVSXFF	
Thread 3/8" female-female	030652	3MVSXFF	
Thread 1/2" female-female	030653	4MVSXFF	
Thread 1/4" male-female	030654	2MVSXMF	
Thread 3/8" male-female	030655	3MVSXMF	
Thread 1/2" male-female	030656	4MVSXMF	



Technical data

Version	Stainless steel miniature ball valves from hexagonal bar series MVSX					
Code	030651	030652	030653	030654	030655	030656
Item	2MVSXFF	3MVSXFF	4MVSXFF	2MVSXMF	3MVSXMF	4MVSXMF
Size	1/4"	3/8"	1/2"	1/4"	3/8"	1/2"
Fluid	Filtered compressed air with or without lubrication.					
Pressure range	0 ÷ 25 bar					
Temperature range	-20°C ÷ +150°C					
Orifice	7 mm		9,2 mm	7 mm		9,2 mm
Female thread	UNI - ISO 228/1 (BSP)					
Male thread	-			UNI EN 10226-1 (BSPT)		
Lever color	Blue					
Mounting	In-line					

Standard materials

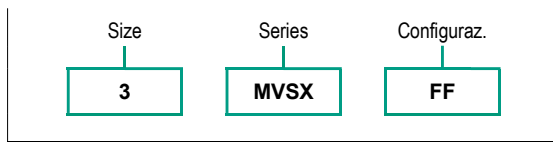
Description	Material
Body	Stainless Steel AISI 316
Lever	Nylon 66 reinforced glass
Ball	Stainless Steel AISI 316
Seals	PTFE - FKM

Code key

Size	Series	Configuration
3	MVSX	FF

2 = 1/4"	MVSX	FF = Female-Female
3 = 3/8"		MF = Male-Female
4 = 1/2"		

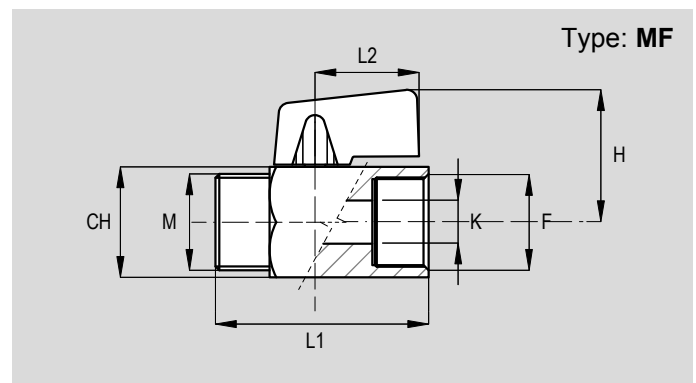
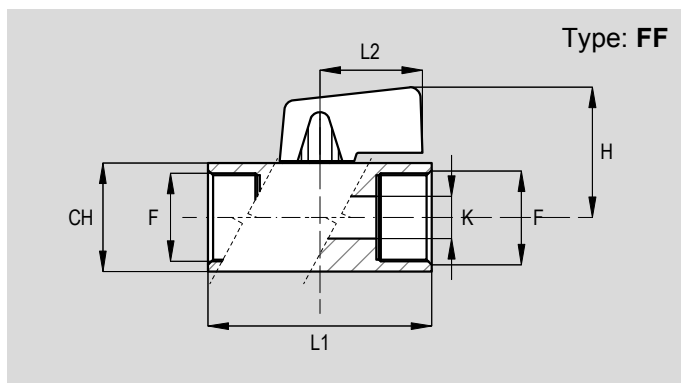
How to order



Notes

For standard materials see the table at page 5.161.10
Options in the same grid are alternative to each others.

Standard dimensions



Code	Item	M	F	K	L1	L2	H	CH	Weight (g)
030651	2MVSXFF	-	G1/4"	7	42	23	26	22	200
030652	3MVSXFF	-	G3/8"	7	42	23	26	22	190
030653	4MVSXFF	-	G1/2"	9,2	46	23	28	25	175
030654	2MVSXMF	R1/4"	G1/4"	7	40	23	26,5	22	170
030655	3MVSXMF	R3/8"	G3/8"	7	40	23	26,5	22	165
030656	4MVSXMF	R1/2"	G1/2"	9,2	45,6	23	28,3	25	160

Stainless Steel ancillary valves

Stainless Steel ball valves "full bore"



Main features

Version	Code	Item	Symbol
1/4"	030681	VSLX014FF	
3/8"	030682	VSLX038FF	
1/2"	030683	VSLX012FF	
3/4"	030684	VSLX034FF	
1"	030685	VSLX100FF	
1 1/4"	030686	VSLX114FF	
1 1/2"	030687	VSLX112FF	
2"	030688	VSLX200FF	



Technical data

Version	Stainless Steel ball valve "full bore" series VSLX							
Code	030681	030682	030683	030684	030685	030686	030687	030688
Item	VSLX014FF	VSLX038FF	VSLX012FF	VSLX034FF	VSLX100FF	VSLX114FF	VSLX112FF	VSLX200FF
Size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Female thread	UNI - ISO 228/1 (BSP)							
Fluid	Compressed air, inert gases, non-aggressive fluids							
Pressure range	100 bar			64 bar		40 bar		
Temperature range	-20°C ÷ +150°C							
Orifice	10 mm		15 mm	20 mm	25 mm	32 mm	40 mm	50 mm
Flow rate	3.000 l/min.		11.500 l/min.	21.000 l/min.	33.000 l/min.	50.000 l/min.	84.000 l/min.	97.000 l/min.
Mounting	In-line							

Standard materials

Description	Material
Body	Stainless Steel AISI 316
Lever	Stainless Steel AISI 316
Ball	Stainless Steel AISI 316
Seals	PTFE - FKM

Code key

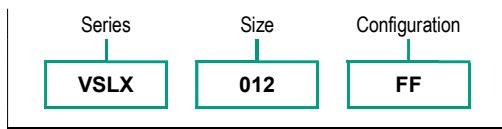
Series	Size	Configuration
VSLX	012	FF

VSLX

014 = 1/4"
038 = 3/8"
012 = 1/2"
034 = 3/4"
100 = 1"
114 = 1 1/4"
112 = 1 1/2"
200 = 2"

FF = Female-Female

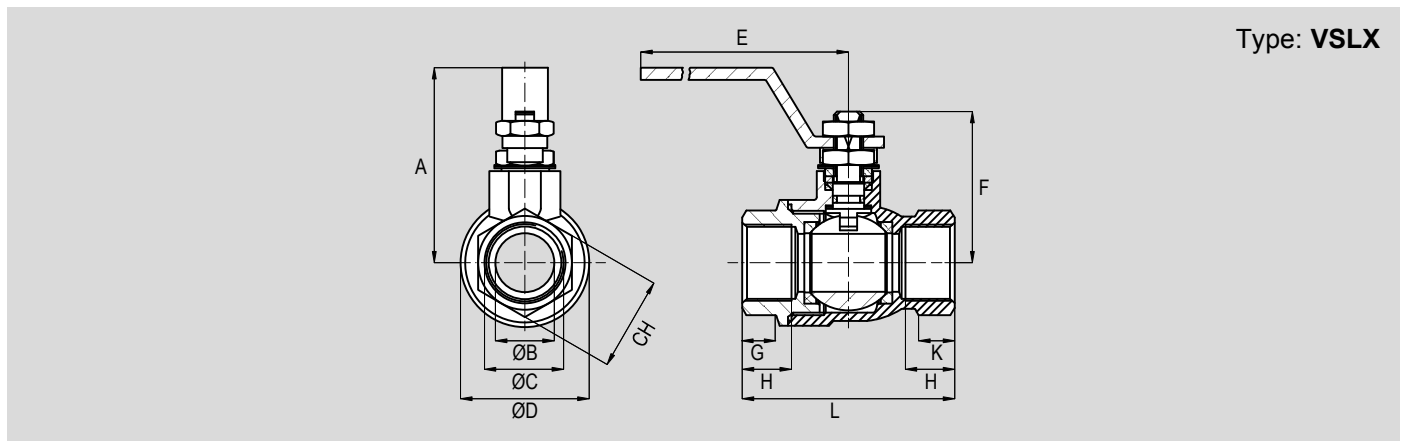
How to order



Notes

For standard materials see the table at page 5.162.10
Options in the same grid are alternative to each others.

Standard dimensions



Code	Item	Ø C (size)	A	Ø B	Ø D	E	F	G	H	K	L	CH	Weight (g)
030681	VSLX014FF	G1/4"	52	8	29	110	37	8,5	11,4	8	50	21,5	220
030682	VSLX038FF	G3/8"	52	10	29	110	37	8,5	11,4	8	50	21,5	205
030683	VSLX012FF	G1/2"	55	15	34	110	42	10	15	9,5	60	26,5	275
030684	VSLX034FF	G3/4"	66	20	42,5	140	52	11,5	16,3	11,5	70	31,5	465
030685	VSLX100FF	G1"	70	25	50,5	140	56	14	19,1	13,5	85	40,5	710
030686	VSLX114FF	G1-1/4"	85	32	63	180	68	15,5	21,4	16	95	49,5	1180
030687	VSLX112FF	G1-1/2"	91	40	75,5	180	74	18,5	21,4	16	105	54,5	1740
030688	VSLX200FF	G2"	105	50	91	230	87	22,5	25,7	23,5	125	69,5	2930

Stainless Steel ancillary valves

Stainless Steel unidirectional valves



Main features

Version	Code	Item	Symbol
1/8"	030110	1FFX	
1/4"	030111	2FFX	
3/8"	030112	3FFX	
1/2"	030113	4FFX	
3/4"	030114	5FFX	
1"	030115	6FFX	
1 1/4"	030129	14FFX	
1 1/2"	030130	12FFX	
2"	030131	20FFX	



Technical data

Version	Stainless Steel unidirectional valves FFX								
Code	030110	030111	030112	030113	030114	030115	030129	030130	030131
Item	1FFX	2FFX	3FFX	4FFX	5FFX	6FFX	14FFX	12FFX	20FFX
Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Female thread	UNI - ISO 228/1 (BSP)								
Fluid	Filtered compressed air with or without lubrication.								
Pressure range	0,5 ÷ 350 bar			0,5 ÷ 300 bar		0,5 ÷ 250 bar		0,5 ÷ 200 bar	
Temperature range	-20°C ÷ +150°C								
Orifice	18 mm ²	22 mm ²	42 mm ²	75 mm ²	126 mm ²	230 mm ²	340 mm ²	509 mm ²	1.640 mm ²
Mounting	In-line								

Standard materials

Description	Material
Body	Stainless Steel AISI 316
Spring	Stainless Steel AISI 316
Seals	FKM

Code key

Size	Series
2	FFX

1 = 1/8"
2 = 1/4"
3 = 3/8"
4 = 1/2"
5 = 3/4"
6 = 1"
14 = 1 1/4"
12 = 1 1/2"
20 = 2"

FFX

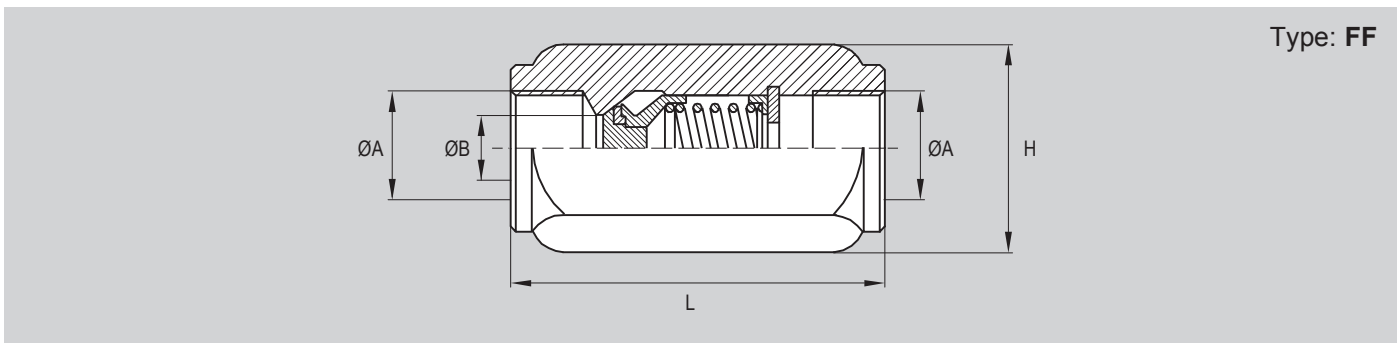
How to order

Size	Series
2	FFX

Notes

Options in the same grid are alternative to each others.
For standard materials see the table at page 5.163.10

Standard dimensions



Code	Item	ØA (size)	ØB	L	H	Weight (g)
030110	1FFX	G1/8"	5	42	14	50
030111	2FFX	G1/4"	7	50	19	90
030112	3FFX	G3/8"	10	60	24	160
030113	4FFX	G1/2"	11	65	27	280
030114	5FFX	G3/4"	17	75	34	350
030115	6FFX	G1"	21	93	41	580
030129	14FFX	G1"-1/4	29	110	50	860
030130	12FFX	G1"-1/2	34	112	55	1020
030131	20FFX	G2"	48	120	75	2200

5 - STAINLESS STEEL COMPONENTS

Stainless Steel ancillary valves

Stainless Steel quick exhaust valves



Main features

Version	Code	Item	Symbol
1/8"	030810	1VSRX	
1/4"	030809	2VSRX	
3/8"	030811	3VSRX	
1/2"	030812	4VSRX	
3/4"	030813	5VSRX	
1"	030814	6VSRX	



Technical data

Version	Stainless Steel quick exhaust valves series VSRX					
Code	030810	030809	030811	030812	030813	030814
Item	1VSRX	2VSRX	3VSRX	4VSRX	5VSRX	6VSRX
Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"
Fluid	Filtered compressed air with or without lubrication.					
Pressure range	2 ÷ 10 bar					
Temperature range	-10°C ÷ +120°C		-20°C ÷ +80°C (standard)		-10°C ÷ +150°C (V)	
Orifice	6 mm	8 mm	10 mm	12 mm	16 mm	18 mm
Flow from P to A (at 6 bar, with ΔP 1 bar)	1.580 NI/min.	1.650 NI/min.	2.350 NI/min.	4.580 NI/min.	7.100 NI/min.	7.200 NI/min.
Flow from A to R (at 6 bar, with ΔP 1 bar)	1.880 NI/min.	1.900 NI/min.	2.880 NI/min.	6.400 NI/min.	10.400 NI/min.	10.500 NI/min.
Mounting	Preferably directly on the cylinder port					

Standard materials

Description	Material					
	1VSRX	2VSRX	3VSRX	4VSRX	5VSRX	6VSRX
Body	Stainless Steel AISI 316L					
Seals	FKM		Polyurethane (PU)			

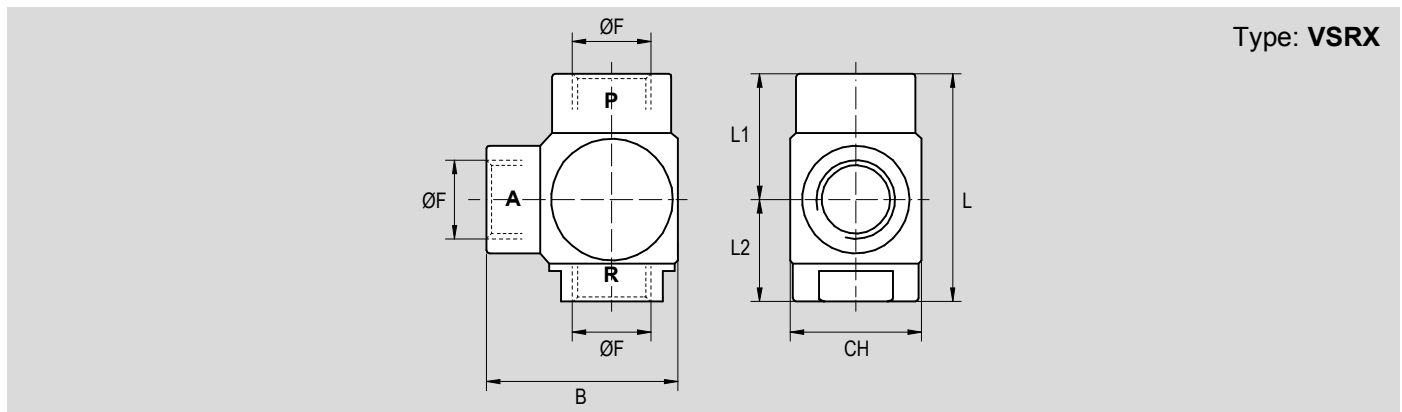
Code key

Size	Series	Seals option*	Thread option
3	VSRX	V	NPT

<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="text-align:center;">1 = 1/8"</td></tr> <tr><td style="text-align:center;">2 = 1/4"</td></tr> <tr><td style="text-align:center;">3 = 3/8"</td></tr> <tr><td style="text-align:center;">4 = 1/2"</td></tr> <tr><td style="text-align:center;">5 = 3/4"</td></tr> <tr><td style="text-align:center;">6 = 1"</td></tr> </table>	1 = 1/8"	2 = 1/4"	3 = 3/8"	4 = 1/2"	5 = 3/4"	6 = 1"	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="text-align:center;">VSRX</td></tr> </table>	VSRX	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="text-align:center;">V = FKM (-10°C + +150°C)</td></tr> </table>	V = FKM (-10°C + +150°C)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="text-align:center;">NPT = NPT threads (according to ANSI B 1.20.1)</td></tr> </table>	NPT = NPT threads (according to ANSI B 1.20.1)
1 = 1/8"												
2 = 1/4"												
3 = 3/8"												
4 = 1/2"												
5 = 3/4"												
6 = 1"												
VSRX												
V = FKM (-10°C + +150°C)												
NPT = NPT threads (according to ANSI B 1.20.1)												

How to order	Notes								
<table style="margin:auto;"> <tr> <td>Size</td> <td>Series</td> <td>Seals</td> <td>Filettatura</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">3</td> <td style="border: 1px solid black; padding: 2px;">VSRX</td> <td style="border: 1px solid black; padding: 2px;">V</td> <td style="border: 1px solid black; padding: 2px;">NPT</td> </tr> </table>	Size	Series	Seals	Filettatura	3	VSRX	V	NPT	<p>For standard materials see the table at page 5.165.10</p> <p>Options in the same grid are alternative to each others.</p> <p>*Available for sizes from 3/8" to 1" only (size 1/8" and 1/4" are equipped with FKM seals as standard)</p>
Size	Series	Seals	Filettatura						
3	VSRX	V	NPT						

Standard dimensions



Code	Item	ØF (size)	L	L1	L2	B	CH
030810	1VSRX	G1/8"	37,5	21	16,5	32	22
030809	2VSRX	G1/4"	37,5	21	16,5	32	22
030811	3VSRX	G3/8"	44,5	25,5	19	37	26
030812	4VSRX	G1/2"	54	23	31	45	32
030813	5VSRX	G3/4"	79	35	44	65	46
030814	6VSRX	G1"	79	35	44	65	46

Important note

The valve must be directly mounted on the port of the cylinder to achieve the maximum possible speed. When the supply is in **P** the diaphragm closes the exhaust **R** and so the air flows through **A** into the chamber of the cylinder. When the supply **P** fails the diaphragm get back in its original position (closing **P**) due to the exhaust air from **A** to **R**. The noise of the exhaust **R** can be reduced by a silencer (for silencers see from page 4.150.1, for stainless silencers see page 5.390.1).

STAINLESS STEEL

modular units



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Stainless Steel AISI 316 modular units for air treatment. Characterised by resistance to chemical and corrosive elements, are also suitable for high pressure, thus fit to food&beverage, medical, chemical, Oil&Gas and mining applications.
 Available in different sizes, these modular units are light and with reduced overall dimensions, effective in removing water and particles, with the possibility of accurate and sensitive pressure adjustment, can guarantee excellent performances in both chemical and outdoor environments.
 Supplied with material qualification according to NACE MR0175 / UNI EN ISO 15156-1:2009 standards, conforming to Reach and RoHS directive, SIL certified and in compliance with 201/34/EU ATEX Directive, classification Ex h.



Stainless Steel Filters series A..FX, 1/4" ÷ 1"

from page 5.202.20



Stainless Steel modular filters, available in sizes 1/4", 1/2" and 1". Equipped as standard with 5µm filter cartridge (40µm as option) and semi-automatic condense drain (manual or automatic drain as option).
 Supplied complete with stainless steel mounting bracket.



Stainless Steel Regulators A..RX, 1/4" ÷ 1"

from page 5.202.50



Stainless Steel modular regulators, available in sizes 1/4", 1/2" and 1". Equipped as standard with relieving valve and regulation screw.
 Supplied complete with stainless steel mounting bracket and stainless steel pressure-gauge.



Stainless Steel Lubricators series A..LX, 1/4" ÷ 1"

from page 5.202.80



Stainless Steel modular lubricators, available in sizes 1/4", 1/2" and 1". Equipped as standard with oil regulation cup.
 Lubricant can be added without stopping the air supply.
 Supplied complete with stainless steel mounting bracket.



Stainless Steel Filter-regulators A..FRRX, 1/4" ÷ 1"

from page 5.202.110



Stainless Steel modular filter-regulators, available in sizes 1/4", 1/2" and 1". Equipped as standard with 5µm filter cartridge (40µm as option), semi-automatic condense drain (manual or automatic drain as option), relieving valve and regulation screw.
 Supplied complete with stainless steel mounting bracket and stainless steel pressure-gauge.

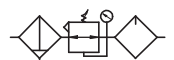


Stainless Steel Filter-regulators + lubricators series A..FRRLX, 1/4" ÷ 1"

from page 5.202.140



Stainless Steel modular filter-regulators, available in sizes 1/4", 1/2" and 1". Equipped as standard with 5µm filter cartridge (40µm as option), semi-automatic condense drain (manual or automatic drain as option), oil regulation cup, relieving valve and regulation screw.
 Lubricant can be added without stopping the air supply.
 Supplied already assembled and complete with stainless steel mounting bracket and stainless steel pressure-gauge.



Options

Description		Symbol	Suffix
High pressure (out). Only for size 1/2" and 1".	12 ÷ 30 bar (1/2") 12 ÷ 28 bar (1")		HP
Filter cartridge 40 µm			40
NPT thread	(ANSI B 1.20.1 standard)		N
Manual condense drain			H
Automatic condense drain*	P _{max} 10 bar		D
EPDM seals for low temperatures	-40°C ÷ +70°C		BT

The options, when this is possible, can be combined with each other. For options matching see page 5.202.4; For code key see page 5.202.5.

*Warning: with option D the maximum inlet pressure is 10 bar.

Accessories supplied with modular unit

Type			Stainless Steel AISI 316 pressure-gauge	Stainless Steel AISI 316 mounting bracket and screws
Filter FX			-	•
Regulator RX			•	•
Lubricator LX			-	•
Filter-regulator FRRX			•	•
Filter-regulator + lubricator FRRLX			•	•

Key
 • supplied; - not supplied;

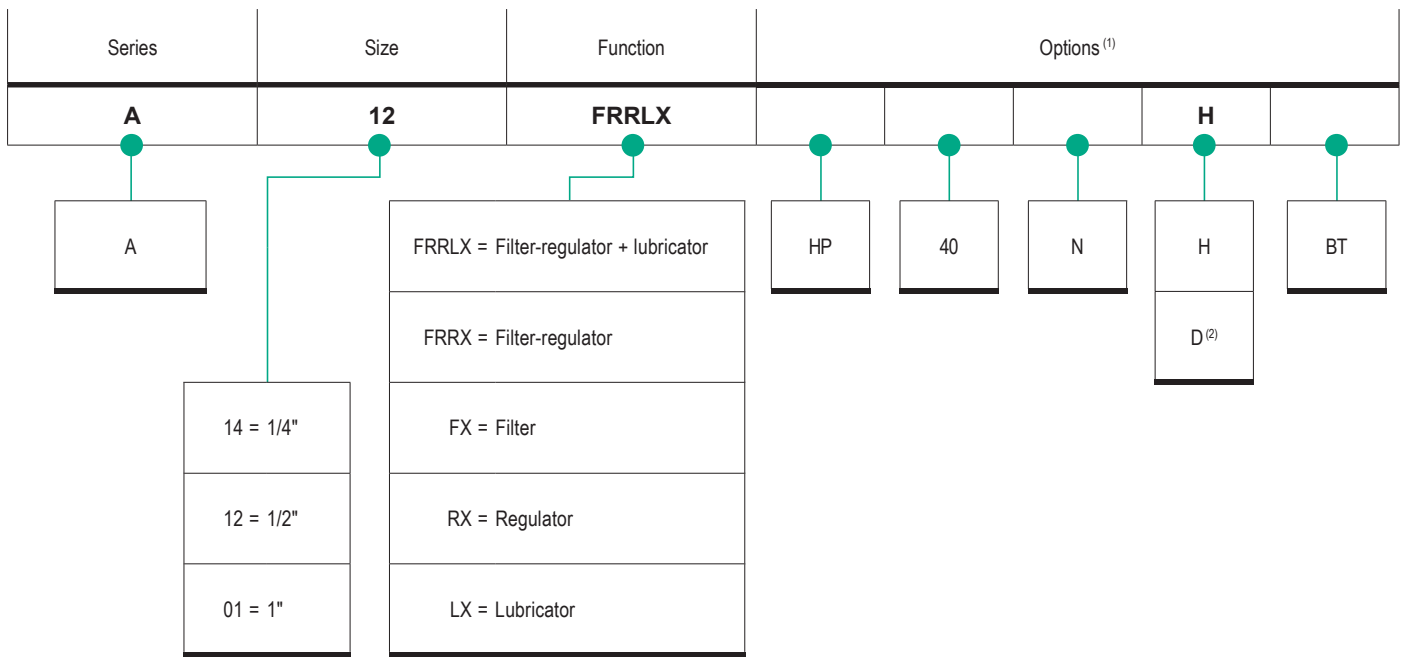
Options matching

Type	Size	Model	Standard options matching					
			HP (1/2" ÷ 1")	40	N	H	D (P _{max} 10 bar)	BT
FX	1/4" - 1/2" - 1"	Standard	-	●	●	●	●	●
		NPT thread (N)	-	●		●	●	●
		Automatic condense drain (D)	-	●	●	-		●
		Manual condense drain (H)	-	●	●		-	●
RX	1/4"	Standard	-	-	●	-	-	●
		NPT thread (N)	-	-		-	-	●
	1/2" - 1"	Standard	●	-	●	-	-	●
		High pressure (HP)		-	●	-	-	●
		NPT thread (N)	●	-		-	-	●
LX	1/4" - 1/2" - 1"	Standard	-	-	●	-	-	●
		NPT thread (N)	-	-		-	-	●
FRRLX	1/4"	Standard	-	●	●	●	●	●
		NPT thread (N)	-	●		●	●	●
		Automatic condense drain (D)	-	●	●	-		●
		Manual condense drain (H)	-	●	●		-	●
	1/2" - 1"	Standard	●	●	●	●	●	●
		High pressure (HP)		●	●	●	-	●
		NPT thread (N)	●	●		●	●	●
		Automatic condense drain (D)	-	●	●	-		●
		Manual condense drain (H)	●	●	●		-	●
FRRX	1/4"	Standard	-	●	●	●	●	●
		NPT thread (N)	-	●		●	●	●
		Automatic condense drain (D)	-	●	●	-		●
		Manual condense drain (H)	-	●	●		-	●
	1/2" - 1"	Standard	●	●	●	●	●	●
		High pressure (HP)		●	●	●	-	●
		NPT thread (N)	●	●		●	●	●
		Automatic condense drain (D)	-	●	●	-		●
		Manual condense drain (H)	●	●	●		-	●

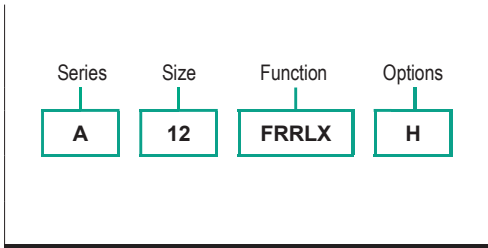
Key

● allowed matching; - not allowed matching.

Code key



How to order



Notes

For standard materials see the table at page 5.202.6
 Options in the same grid are alternative to each others.
 (1) For information on options and their matching, see page 5.202.3 and following.
 (2) **Warning:** with option D the maximum inlet pressure is 10 bar.
 Assembling modular components (body FRRX + body LX for size 1/4" and 1/2", and body FFRX + body LX or combinations between body FX, body RX and body LX size 1") require the VOXKIT (see table below). For further information, please contact the sales department.

ATEX note

Stainless Steel modular units are supplied as standard conforming to 2014/34/EU ATEX Directive in classification

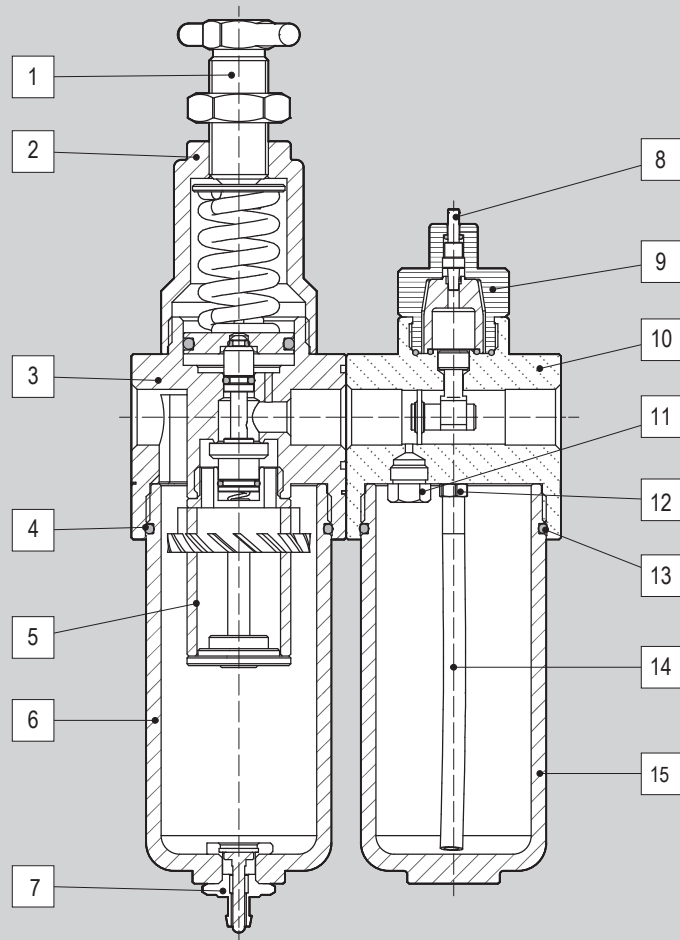
II 2G Ex h IIC T6 Gb
 II 2D Ex h IIIC T85° Db

For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1

Screws and o-ring kit for assembly of two modular bodies

	Code	Item	Size
	090618	VOXKIT14	1/4"
	090619	VOXKIT12	1/2"
	090620	VOXKIT01	1"

Standard materials



Position	Description	Material
1	Pressure regulator screw	Stainless Steel AISI 316
2	Pressure regulator cover	Stainless Steel AISI 316
3	Regulator body	Stainless Steel AISI 316
4	O-ring	FKM
5	Filtering element	Stainless Steel AISI 316
6	Filter cup	Stainless Steel AISI 316
7	Drain	Stainless Steel AISI 316
8	Oil regulation screw	Stainless Steel AISI 316
9	Lubricator cover	Stainless Steel AISI 316
10	Lubricator body	Stainless Steel AISI 316
11	Plug	Stainless Steel AISI 316
12	Fitting	Stainless Steel AISI 316
13	O-ring	FKM
14	Tube	PU
15	Lubricator cup	Stainless Steel AISI 316

5 - STAINLESS STEEL COMPONENTS

Stainless Steel modular units

Filters, 1/4" ÷ 1"



Main features

Code	Item	Size	Function	Symbol
090607	A14FX	1/4"	Filter	
090608	A12FX	1/2"		
090609	A01FX	1"		

Technical data

Type	A14FX	A12FX	A01FX
Size	1/4"	1/2"	1"
Fluid	Compressed air		
Maximum inlet pressure	0÷30 bar (standard) 0÷10 bar (D)*	0÷60 bar (standard) 0÷10 bar (D)*	
Temperature range	-10°C ÷ +70°C (standard) -40°C ÷ +70°C (BT)		
Maximum flow at 6 bar with 40 µm cartridge	1900 NI/min.	3030 NI/min.	9600 NI/min.
Filtration grade	5 µm (standard)	40 µm (40)	
Cup capacity	105 cm ³	110 cm ³	200 cm ³
Condense drain	Semi-automatic (standard)	Automatic (D)	Manual (H)
Weight	1260 g	1650 g	3950 g

Notes

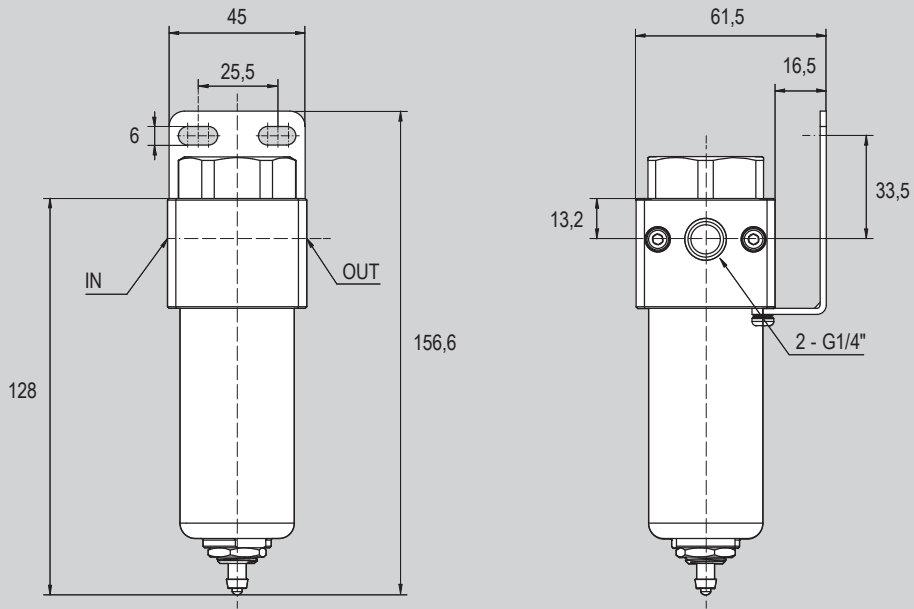
Supplied complete with AISI 316 stainless steel mounting bracket and screw.

***Warning:** with option D the maximum inlet pressure is 10 bar.

Standard dimensions

CE Ex II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T85° Db

Type: **A14FX**

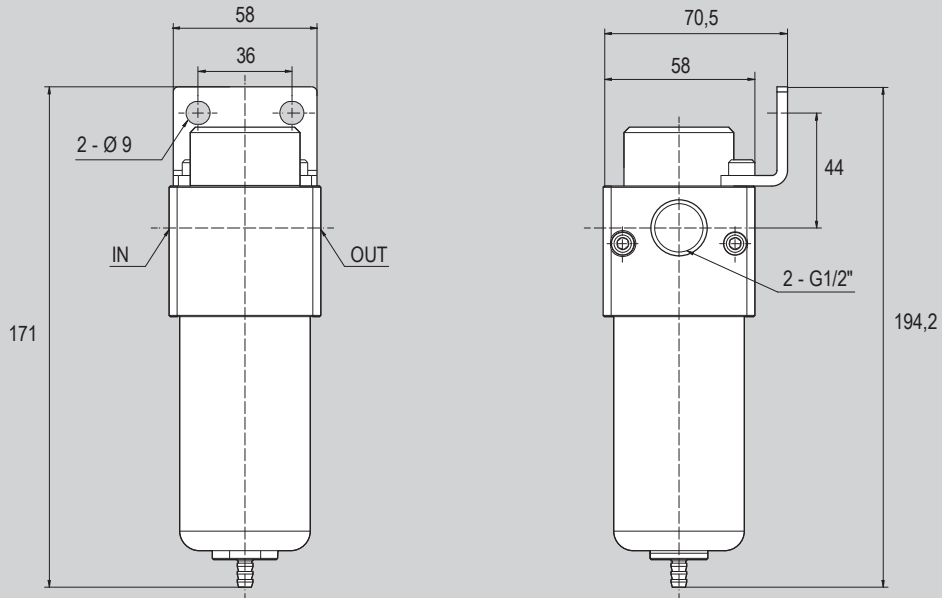


Size	Function	Symbol	Code	Item
1/4"	Filter		090607	A14FX

Standard dimensions

CE Ex II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T85° Db

Type: A12FX

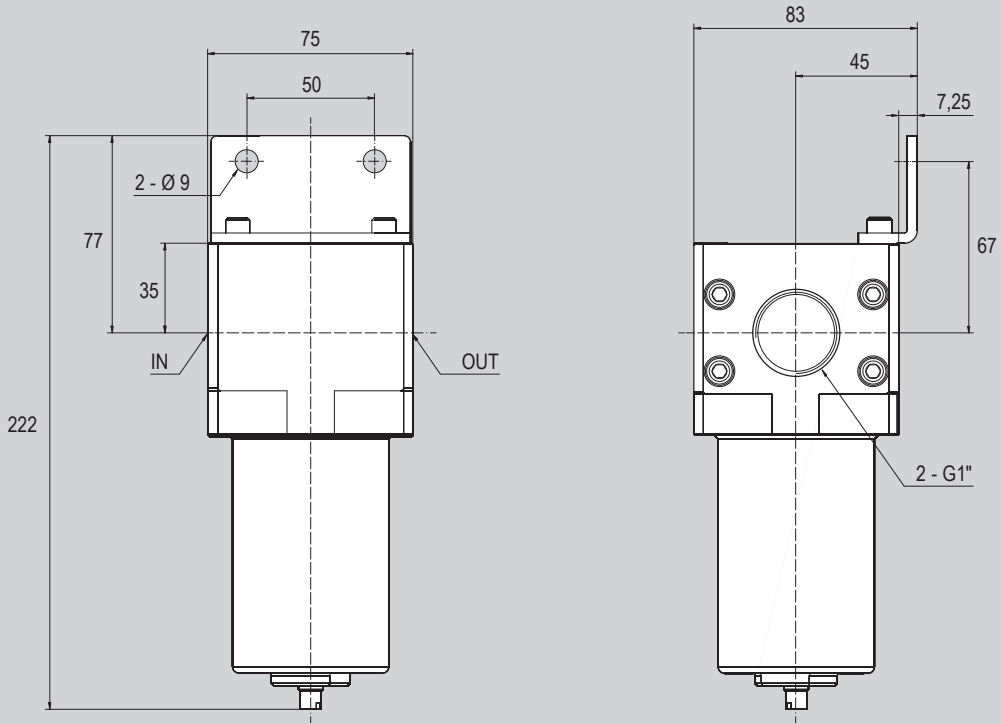


Size	Function	Symbol	Code	Item
1/2"	Filter		090608	A12FX

Standard dimensions

CE Ex II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T85° Db

Type: **A01FX**



Size	Function	Symbol	Code	Item
1"	Filter		090609	A01FX

Stainless Steel modular units

Regulators, 1/4" ÷ 1"



Main features

Code	Item	Size	Function	Symbol
090610	A14RX	1/4"	Regulator	
090611	A12RX	1/2"		
090612	A01RX	1"		

Technical data

Type	A14RX	A12RX	A01RX
Size	1/4"	1/2"	1"
Fluid	Compressed air		
Maximum inlet pressure	0÷30 bar (standard) 0÷10 bar (D)*		0÷60 bar (standard) 0÷10 bar (D)*
Pressure regulation range	0,5÷20 bar	0,5÷12 bar (standard) 12÷30 bar (HP)	0,5÷12 bar (standard) 12÷28 bar (HP)
Temperature range	-10°C ÷ +70°C (standard) -40°C ÷ +70°C (BT)		
Flow (at 6 bar)	1850 NI/min.	2520 NI/min.	9400 NI/min.
Pressure regulator	Piston		
Overpressure relief	Relieving M5		
Gauges port	1/8"	1/4"	
Weight	1200 g	1400 g	3400 g

Notes

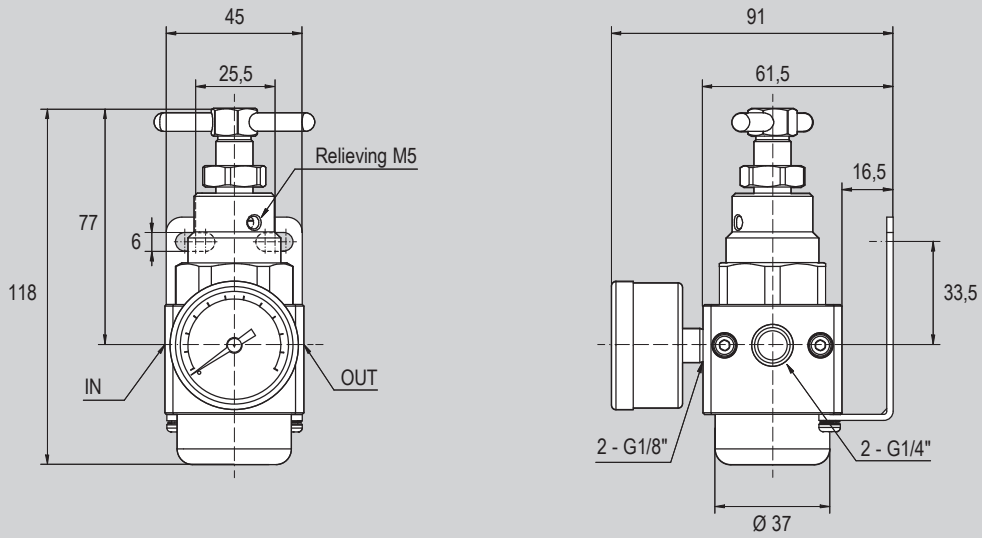
Supplied complete with AISI 316 stainless steel pressure-gauge, mounting bracket and screw.

***Warning:** with option D the maximum inlet pressure is 10 bar.

Standard dimensions

CE II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T85° Db

Type: **A14RX**

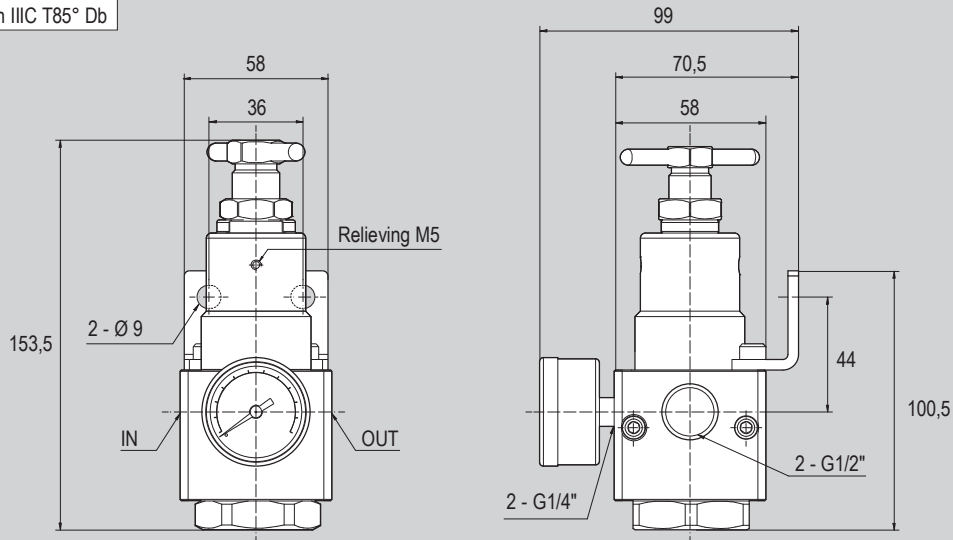


Size	Function	Symbol	Code	Item
1/4"	Regulator		090610	A14RX

Standard dimensions

CE II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T85° Db

Type: **A12RX**

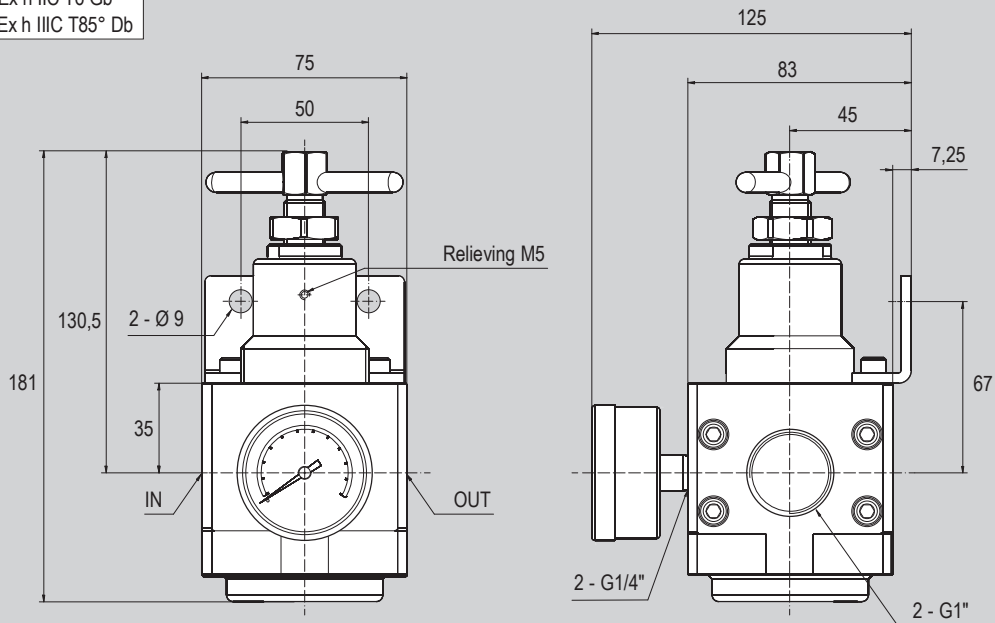


Size	Function	Symbol	Code	Item
1/2"	Regulator		090611	A12RX

Standard dimensions

CE II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T85° Db

Type: **A01RX**



Size	Function	Symbol	Code	Item
1"	Regulator		090612	A01RX

Stainless Steel modular units

Lubricators, 1/4" ÷ 1"



Main features

Code	Item	Size	Function	Symbol
090613	A14LX	1/4"	Lubricator	
090614	A12LX	1/2"		
090615	A01LX	1"		

Technical data

Type	A14LX	A12LX	A01LX
Size	1/4"	1/2"	1"
Fluid	Compressed air		
Maximum inlet pressure	0÷30 bar (standard) 0÷10 bar (D)*	0÷60 bar (standard) 0÷10 bar (D)*	
Temperature range	-10°C ÷ +70°C (standard) -40°C ÷ +70°C (BT)		
Flow (at 6 bar)	2500 NI/min.	4100 NI/min.	13200 NI/min.
Filtration grade	5 µm (standard) 40 µm (40)		
Cup capacity	125 cm ³	130 cm ³	220 cm ³
Suggested lubricant	With viscosity ISO VG 32 compliant to ISO 3448 standards		
Weight	1200 g	1750 g	3360 g

Notes

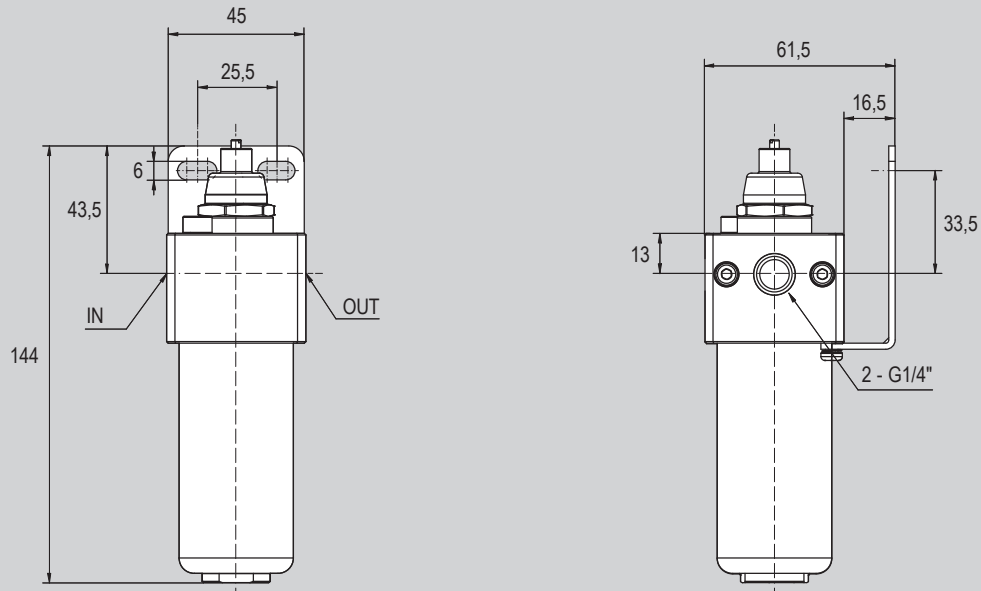
Supplied complete with AISI 316 stainless steel mounting bracket and screw.

***Warning:** with option D the maximum inlet pressure is 10 bar.

Standard dimensions

CE Ex II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T85° Db

Type: **A14LX**

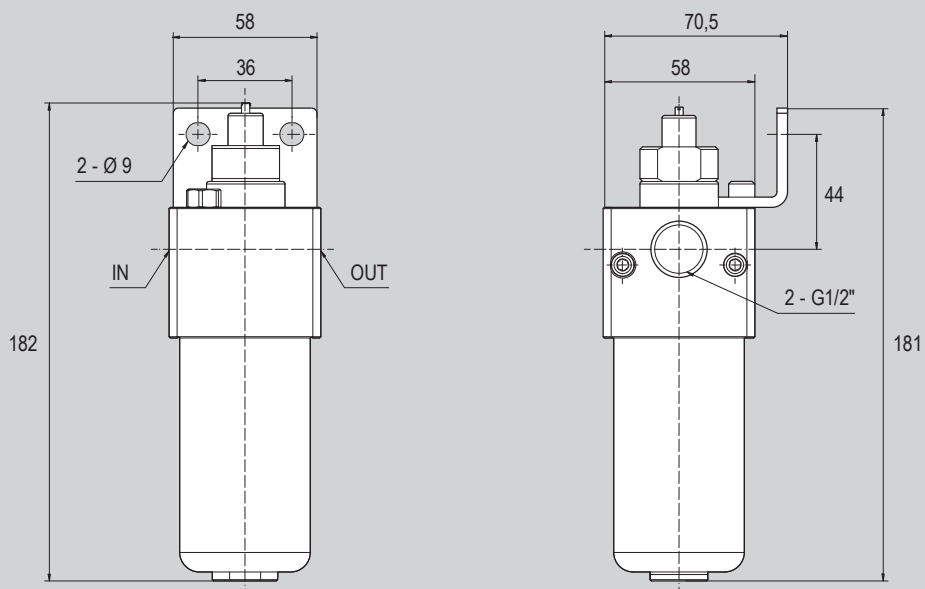


Size	Function	Symbol	Code	Item
1/4"	Lubricator		090613	A14LX

Standard dimensions

CE Ex II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T85° Db

Type: A12LX

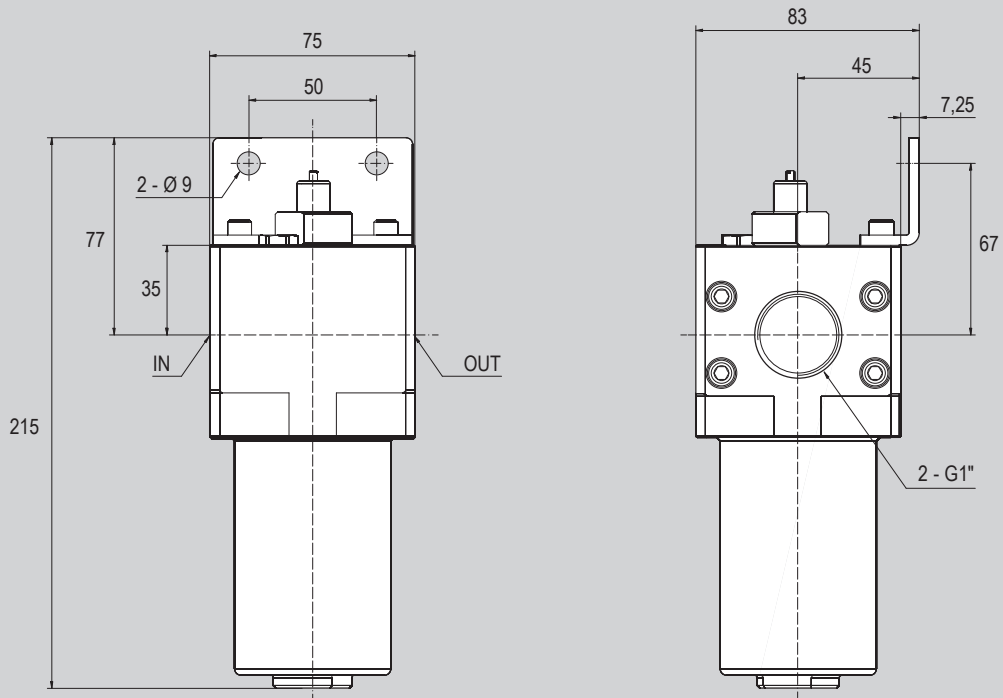


Size	Function	Symbol	Code	Item
1/2"	Lubricator		090614	A12LX

Standard dimensions

CE Ex II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T85° Db

Type: **A01LX**



Size	Function	Symbol	Code	Item
1"	Lubricator		090615	A01LX

Stainless Steel modular units

Filter-regulators, 1/4" ÷ 1"



Main features

Code	Item	Size	Function	Symbol
090601	A14FRRX	1/4"	Filter-regulator	
090602	A12FRRX	1/2"		
090603	A01FRRX	1"		



Technical data

Type	A14FRRX	A12FRRX	A01FRRX
Size	1/4"	1/2"	1"
Fluid	Compressed air		
Maximum inlet pressure	0÷30 bar (standard) 0÷10 bar (D)*	0÷60 bar (standard) 0÷10 bar (D)*	
Pressure regulation range	0,5÷20 bar	0,5÷12 bar (standard) 12÷30 bar (HP)	0,5÷12 bar (standard) 12÷28 bar (HP)
Temperature range	-10°C ÷ +70°C (standard) -40°C ÷ +70°C (BT)		
Maximum flow at 6 bar with 40 µm cartridge	1850 NI/min.	3800 NI/min.	8900 NI/min.
Filtration grade	5 µm (standard)	40 µm (40)	
Cup capacity	105 cm ³	110 cm ³	200 cm ³
Pressure regulator	Piston		
Overpressure relief	Relieving M5		
Condense drain	Semi-automatic (standard)	Automatic (D)	Manual (H)
Gauges port	1/8"	1/4"	
Weight	1380 g	2000 g	4580 g

Notes

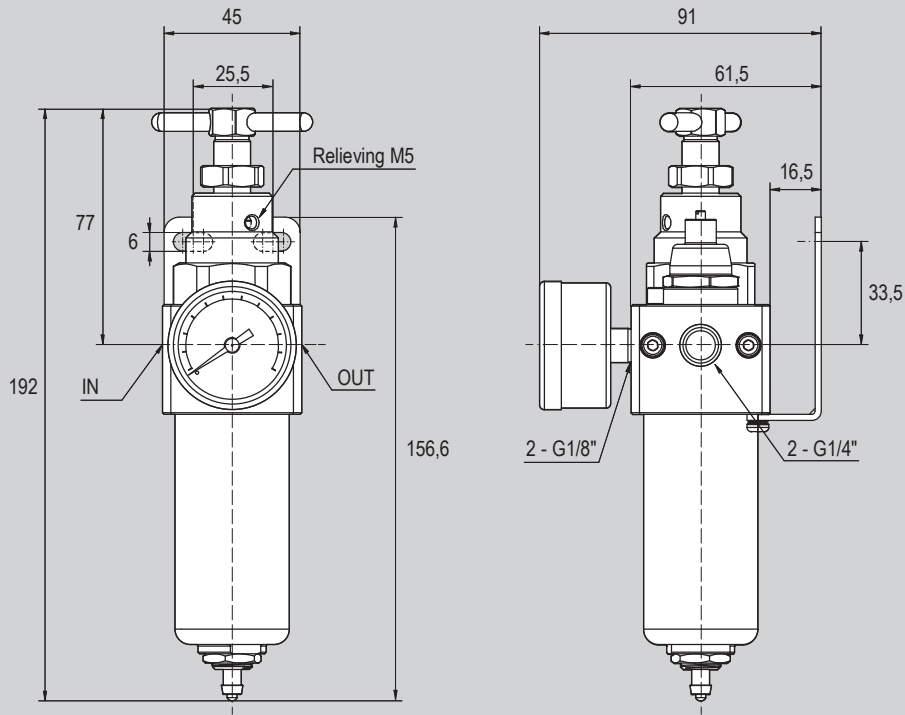
Supplied complete with AISI 316 stainless steel pressure-gauge, mounting bracket and screw.

***Warning:** with option D the maximum inlet pressure is 10 bar.

Standard dimensions

Type: **A14FRRX**

CE II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T85° Db

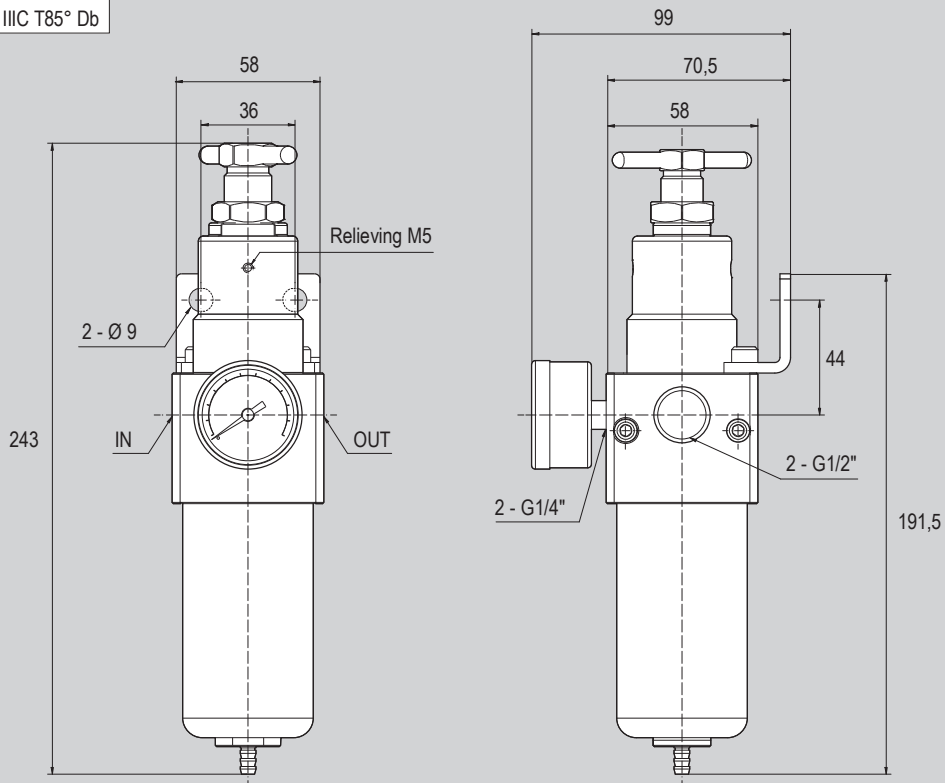


Size	Function	Symbol	Code	Item
1/4"	Filter-regulator		090601	A14FRRX

Standard dimensions

Type: **A12FRRX**

CE II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T85° Db

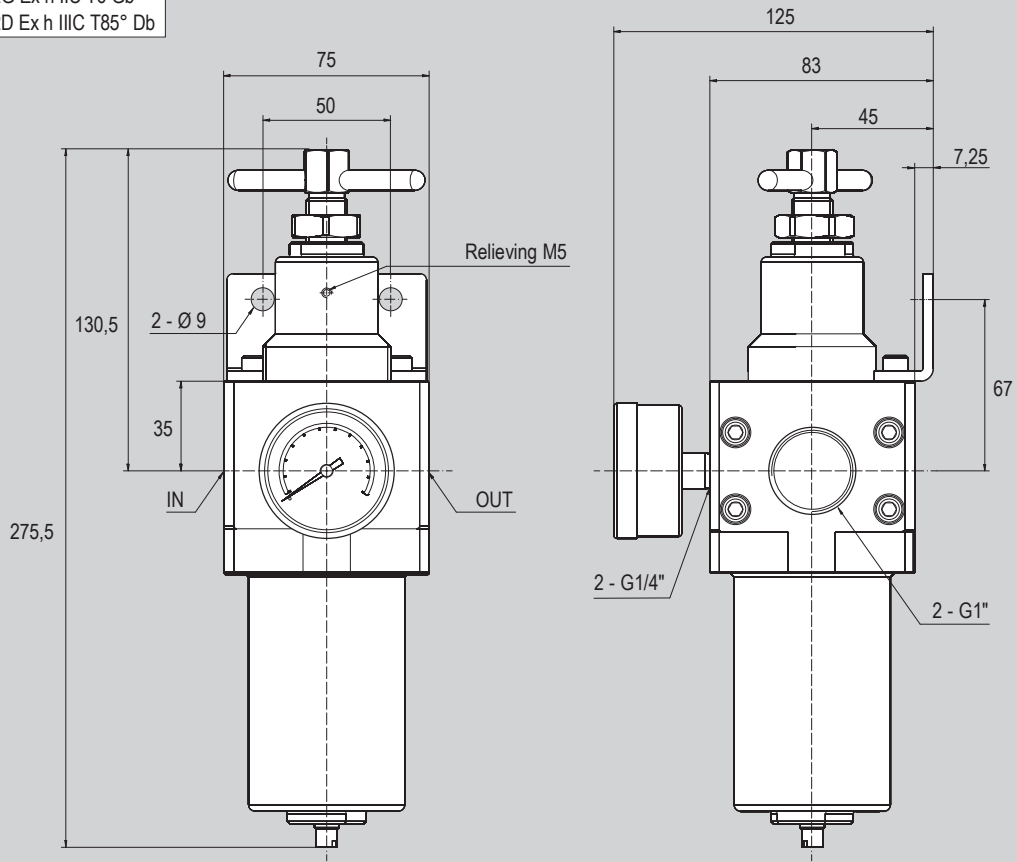


Size	Function	Symbol	Code	Item
1/2"	Filter-regulator		090602	A12FRRX

Standard dimensions

Type: **A01FRRX**

CE II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T85° Db



Size	Function	Symbol	Code	Item
1"	Filter-regulator		090603	A01FRRX

Stainless Steel modular units

Filter-regulators + lubricators, 1/4" ÷ 1"



Main features

Code	Item	Size	Function	Symbol
090604	A14FRRLX	1/4"	Filter-regulator + lubricator	
090605	A12FRRLX	1/2"		
090606	A01FRRLX	1"		

Technical data

Type	A14FRRX	A12FRRX	A01FRRX
Size	1/4"	1/2"	1"
Fluid	Compressed air		
Maximum inlet pressure	0÷30 bar (standard) 0÷10 bar (D)*	0÷60 bar (standard) 0÷10 bar (D)*	
Pressure regulation range	0,5÷20 bar	0,5÷12 bar (standard) 12÷30 bar (HP)	0,5÷12 bar (standard) 12÷28 bar (HP)
Temperature range	-10°C ÷ +70°C (standard) -40°C ÷ +70°C (BT)		
Maximum flow at 6 bar with 40 µm cartridge	1850 NI/min.	2500 NI/min.	8000 NI/min.
Filtration grade	5 µm (standard)	40 µm (40)	
Cup capacity	Filter	105 cm ³	110 cm ³
	Lubricator	125 cm ³	130 cm ³
Pressure regulator	Piston		
Overpressure relief	Relieving M5		
Condense drain	Semi-automatic (standard) Automatic (D) Manual (H)		
Suggested lubricant	With viscosity ISO VG 32 compliant to ISO 3448 standards		
Gauges port	1/8"	1/4"	
Weight	2660 g	3840 g	7960 g

Notes

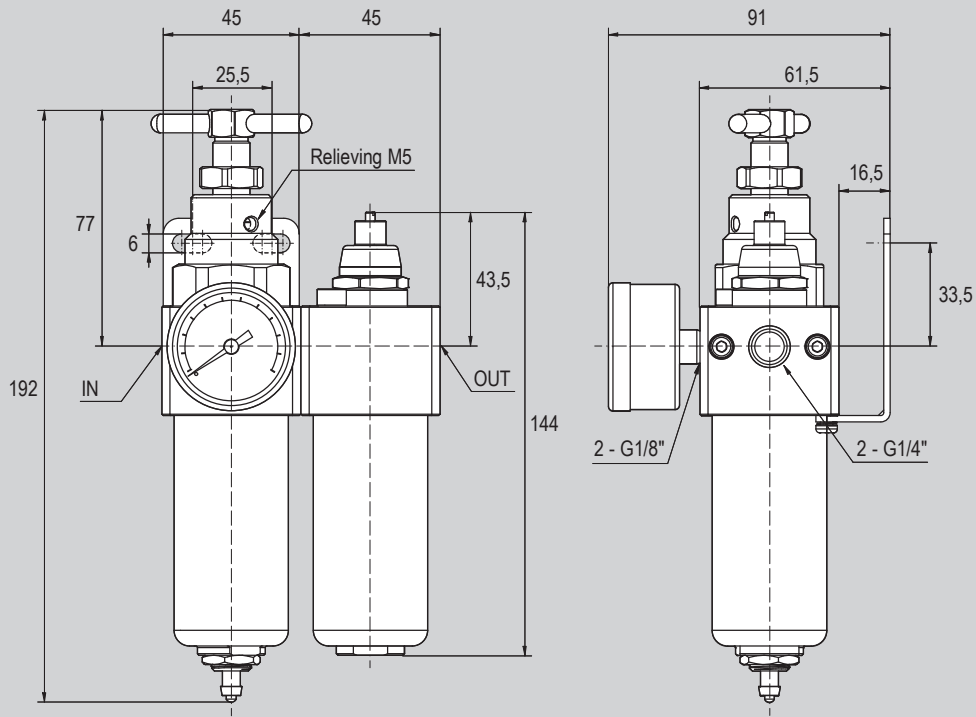
Supplied complete with AISI 316 stainless steel pressure-gauge, mounting bracket and screw.

*Warning: with option D the maximum inlet pressure is 10 bar.

Standard dimensions

Type: **A14FRRLX**

CE Ex II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T85° Db

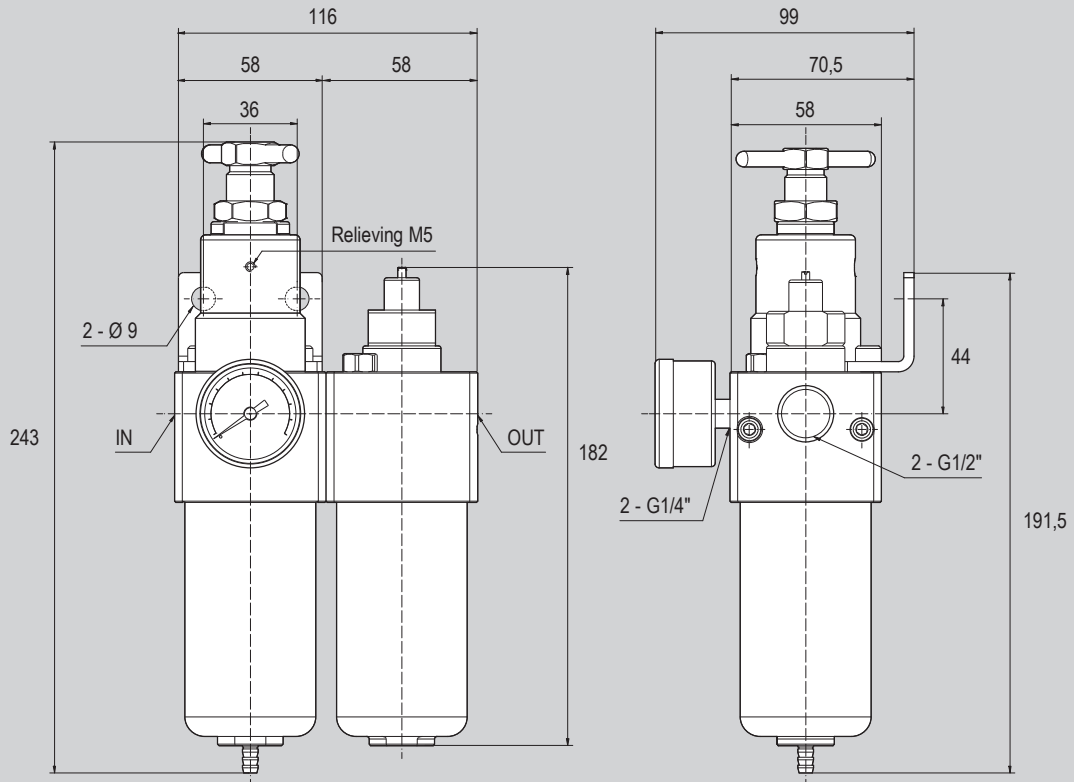


Size	Function	Symbol	Code	Item
1/4"	Filter-regulator + lubricator		090604	A14FRRLX

Standard dimensions

Type: **A12FRRLX**

CE II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T85° Db

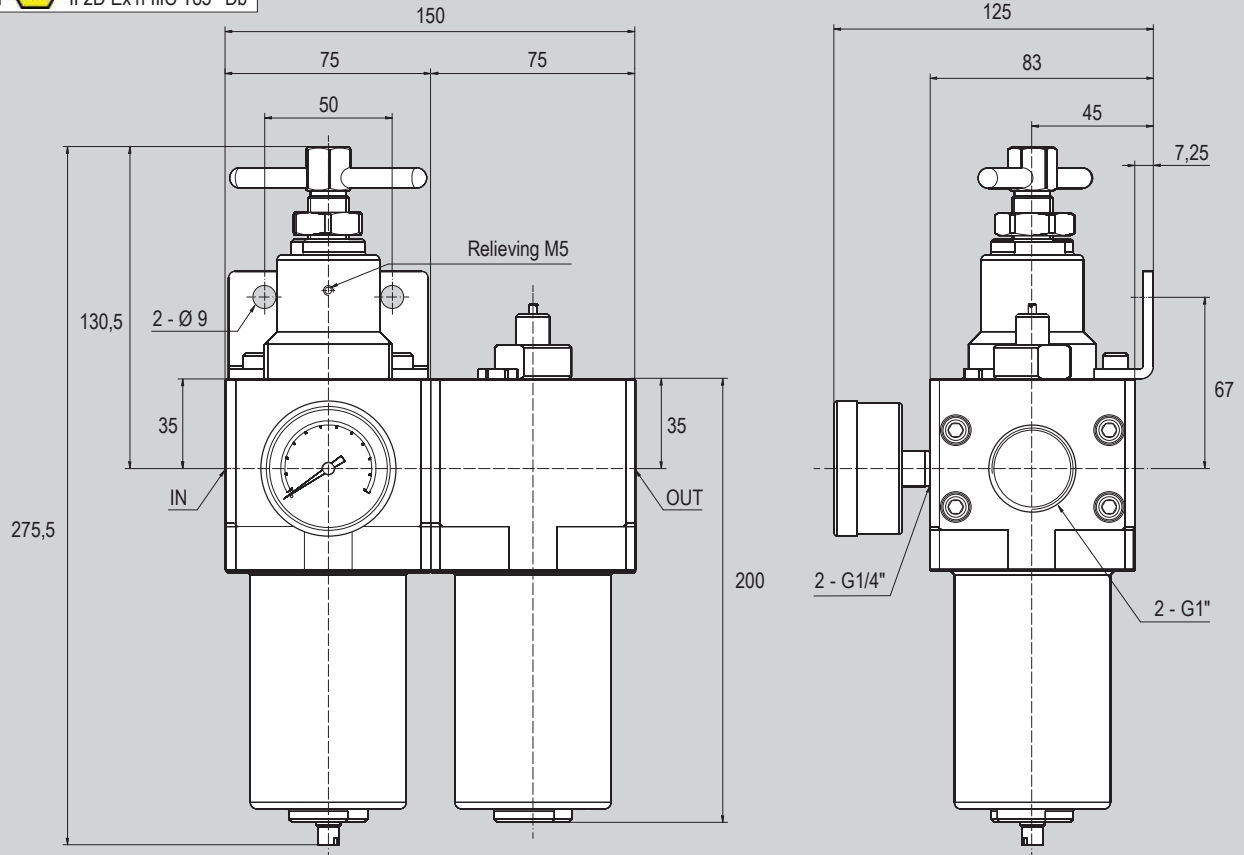


Size	Function	Symbol	Code	Item
1/2"	Filter-regulator + lubricator		090605	A12FRRLX

Standard dimensions

Type: **A01FRRLX**

CE II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T85° Db



Size	Function	Symbol	Code	Item
1"	Filter-regulator + lubricator		090606	A01FRRLX

STAINLESS STEEL

push-in fittings



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Stainless Steel push-in fittings. Available in different versions, threads and for different tube sizes. Supplied conforming to Reach and RoHS directives. Lubricated with synthetic grease long lasting and fully composed by non-toxic elements conforming to FDA Directive section 21 CFR 178 about accidental contact with food (registered NSF H1).



Series RX

from page 5.302.10



Stainless Steel push in fittings, with reduced dimensions, for connecting PVDF, PTFE or Stainless Steel tubes, with new collet and release collet design. Available in different configurations, with taper BSPT threads and BSP with O-ring, in various sizes. Stud threaded versions are supplied as standard with internal and external hexagonal wrench (for narrow places mounting).

Stainless Steel push-in fittings

Series RX



Code key

Series	Type*	Tube Diameter*	Thread (or Tube Diameter 2)*
RX	11	08	18
RX	11, 12, 13, 14, 15, 16, 20, 21, 25, 26, 27, 28, 29, 31, 35	04 = Ø 4 mm 06 = Ø 6 mm 08 = Ø 8 mm 10 = Ø 10 mm 12 = Ø 12 mm	M5 = M5x0,8 18 = 1/8" 14 = 1/4" 38 = 3/8" 12 = 1/2"

How to order

Series	Type	Ø Tube	Thread
RX	11	08	18

Notes

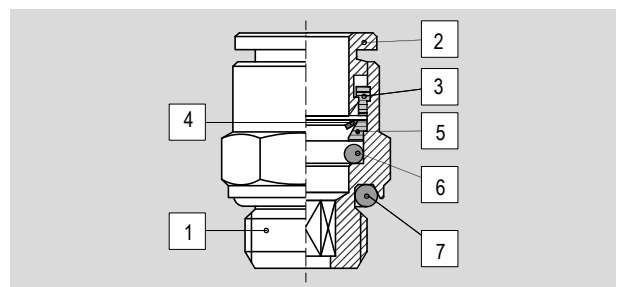
* For matching between fitting type, tube diameter and thread, see from page 5.302.11; for the specific type, see the following pages.

For standard materials see the table below

Technical data

Version	Series RX	
Fluid	Compressed air	
Maximum pressure	20 bar	
Vacuum	-99 KPa	
Temperature range	-20°C ÷ +180°C	
Parallel threads	UNI - ISO 228 / 1 (BSP)	
Taper threads	UNI EN 10226-1 (BSPT)	
Metric threads	UNI EN ISO 965-1	
Tubes	PVDF, PTFE or in Stainless Steel	
Tubes tolerance	Ø 4 ÷ Ø 8	±0,7 mm
	Ø 10 ÷ Ø 12	±0,1 mm

Standard materials



Position	Description	Material
1	Body	Stainless Steel AISI 316L
2	Release collar	Stainless Steel AISI 316L
3	Sealing ring	Stainless Steel AISI 316L
4	Collet	Stainless Steel AISI 301
5	Protection ring	Stainless Steel AISI 316L
6, 7*	Seals	FKM (according to FDA)

*O-ring only for types with BSP thread

Stainless Steel push-in fittings

Series RX



Fittings series RX

Type			Taper threads (BSPT)	Parallel threads (BSP)	Metric threads	For tube Ø mm	Stem Ø mm	Data sheet and code page
RX11	BSPT stud		1/8", 1/4", 3/8", 1/2"	-	-	4, 6, 8, 10, 12	-	5.302.12
RX12	BSP stud		-	1/8", 1/4", 3/8", 1/2"	M5x0,8	4, 6, 8, 10, 12	-	5.302.12
RX13	Female BSP stud		-	1/8", 1/4", 3/8", 1/2"		4, 6, 8, 10, 12		5.302.13
RX25	Increaser and stem reducer		-	-	-	4, 6, 8	6, 8, 10	5.302.13
RX26	Union		-	-	-	4, 6, 8, 10, 12	-	5.302.14
RX27	Bulkhead		-	-	-	4, 6, 8, 10, 12	-	5.302.14
RX14	BSPT elbow		1/8", 1/4"	-	-	4, 6, 8, 10	-	5.302.15
RX15	BSPT swivel elbow		1/8", 1/4", 3/8", 1/2"	-	-	4, 6, 8, 10, 12	-	5.302.15
RX16	BSP swivel elbow		-	1/8", 1/4", 3/8", 1/2"	M5x0,8	4, 6, 8, 10, 12	-	5.302.16
RX28	Equal elbow		-	-	-	4, 6, 8, 10, 12	-	5.302.16
RX20	BSPT swivel tee		1/8", 1/4", 3/8", 1/2"	-	-	4, 6, 8, 10, 12	-	5.302.17
RX21	BSP swivel tee		-	1/8", 1/4", 3/8", 1/2"	M5x0,8	4, 6, 8, 10, 12	-	5.302.17
RX29	Equal tee		-	-	-	4, 6, 8, 10, 12	-	5.302.18
RX31	Single hollow bolt		-	1/8", 1/4", 3/8", 1/2"	-	-	-	5.302.18
RX35	Single banjo		-	1/8", 1/4", 3/8", 1/2"	-	4, 6, 8, 10, 12	-	5.302.19

Matching thread/tube

Tube diameter (external)	Thread								
	M5x0,8	G1/8"	G1/4"	G3/8"	G1/2"	R1/8"	R1/4"	R3/8"	R1/2"
Ø 4 mm	●	●	●	-	-	●	●	-	-
Ø 6 mm	●	●	●	-	-	●	●	-	-
Ø 8 mm	-	●	●	●	-	●	●	●	-
Ø 10 mm	-	-	●	●	●	-	●	●	●
Ø 12 mm	-	-	●	●	●	-	●	●	●

Key

● available matching; - not available matching

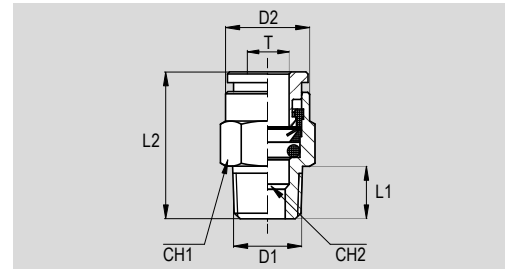
Stainless Steel push-in fittings

Series RX



Main features

Type	Description
RX11	BSPT stud. In AISI 316L Stainless Steel.

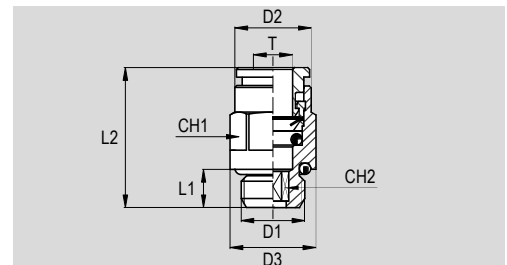


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	CH1	CH2	Weight (g)
020901	RX110418	4	R1/8"	9	7,5	16,5	10	3	6,3
020902	RX110414	4	R1/4"	9	11	20,5	14	3	16,1
020903	RX110618	6	R1/8"	11,7	7,5	21	12	4	9,5
020904	RX110614	6	R1/4"	12	11	20,5	14	4	14,3
020905	RX110818	8	R1/8"	13,7	7,5	25	14	6	13,5
020906	RX110814	8	R1/4"	13,7	11	23,5	14	6	14,4
020806	RX110838	8	R3/8"	13,9	11,5	22,5	17	6	23,7
020907	RX111014	10	R1/4"	15,7	11	30,5	16	8	20,3
020908	RX111038	10	R3/8"	16	11,5	24	17	8	21,5
020807	RX111012	10	R1/2"	15,7	14	27	22	8	-
020808	RX111214	12	R1/4"	18,7	11	32	19	8	-
020910	RX111238	12	R3/8"	18,7	11,5	27,5	19	10	25,7
020909	RX111212	12	R1/2"	19	14	27,5	22	10	42,1

Main features

Type	Description
RX12	BSP stud. In AISI 316L Stainless Steel. With FKM O-ring.



Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	CH1	CH2	Weight (g)
020915	RX1204M5	4	M5x0,8	9	8	4	19	9	-	4,9
020916	RX120418	4	G1/8"	9	12,9	5	16,5	13	3	8,1
020809	RX1206M5	6	M5x0,8	11,8	8	4	22,5	12	-	10,3
020917	RX120618	6	G1/8"	11,7	12,9	5	19,5	13	4	9,5
020918	RX120614	6	G1/4"	11,7	15,8	6,5	19,5	16	4	15,8
020919	RX120818	8	G1/8"	13,7	12,9	5	23	14	6	12,8
020920	RX120814	8	G1/4"	13,7	15,9	6,5	21,5	16	6	15,5
020810	RX120838	8	G3/8"	13,7	20	7	21,5	17	6	-
020911	RX121014	10	G1/4"	15,7	15,8	6,5	27,5	16	8	19,2
020912	RX121038	10	G3/8"	16	20	7	25	17	8	24,4
020811	RX121012	10	G1/2"	15,8	25	8,5	25,5	22	8	-
020812	RX121214	12	G1/4"	18,8	16	6,5	28,5	19	8	-
020913	RX121238	12	G3/8"	18,8	20	7	28	21	10	31,8
020914	RX121212	12	G1/2"	18,8	25	8,5	26,5	22	10	41,8

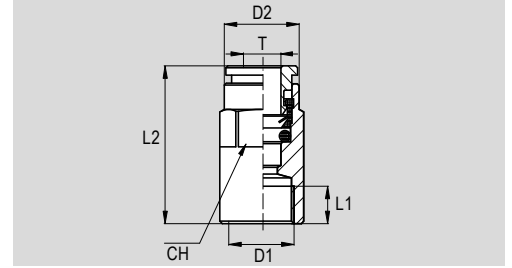
Stainless Steel push-in fittings

Series RX



Main features

Type	Description
RX13	Female BSP stud. In AISI 316L Stainless Steel.

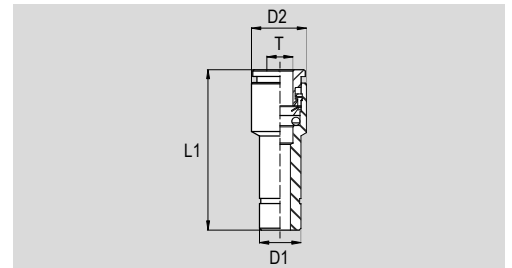


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	CH	Weight (g)
020813	RX130418	4	G1/8"	9	7	24,5	13	-
020814	RX130618	6	G1/8"	12	7	26,5	13	-
020815	RX130614	6	G1/4"	12	10	31	16	-
020816	RX130818	8	G1/8"	13,8	7	26,5	14	18,2
020817	RX130814	8	G1/4"	14	10	31	16	-
020818	RX130838	8	G3/8"	14	11	32,5	21	-
020819	RX131014	10	G1/4"	15,7	10	33	16	24
020820	RX131038	10	G3/8"	16	11	34,5	21	-
020821	RX131012	10	G1/2"	16	11	36	24	-
020822	RX131238	12	G3/8"	19	11	35,5	21	77,5
020823	RX131212	12	G1/2"	19	11	37	24	-

Main features

Type	Description
RX25	Increaser and stem reducer. In AISI 316L Stainless Steel.



Dimensions

Code	Item	T (ØTube)	D1	D2	L1	Weight (g)
020921	RX250406	4	6	9	30,5	6,5
020922	RX250608	6	8	12	32	11,9
020923	RX250810	8	10	14	35	14,8

5 - STAINLESS STEEL COMPONENTS

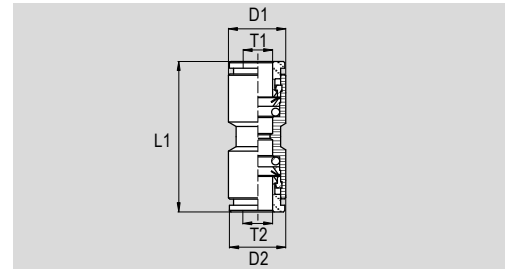
Stainless Steel push-in fittings

Series RX



Main features

Type	Description
RX26	Union. In AISI 316L Stainless Steel.

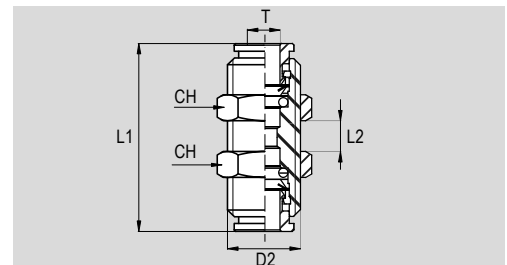


Dimensions

Code	Item	T1 (ØTube)	T2 (ØTube)	D1	D2	L1	Weight (g)
020925	RX260404	4	4	9	9	28	7,8
020924	RX260604	6	4	12	12	31	15,5
020926	RX260606	6	6	12	12	33,6	15,7
020935	RX260806	8	6	14	14	34	23,8
020927	RX260808	8	8	14	14	34	19,5
020824	RX261008	10	8	16	14	37,1	-
020928	RX261010	10	10	16	16	38,6	24,9
020825	RX261210	12	10	19	16	40,3	-
020929	RX261212	12	12	19	19	41	40

Main features

Type	Description
RX27	Bulkhead. In AISI 316L Stainless Steel.



Dimensions

Code	Item	T (ØTube)	D2	L1	L2 (max)	CH	Weight (g)
020930	RX270404	4	M12x1	28	11,5	16	19,9
020931	RX270606	6	M14x1	34	15,5	17	31,4
020932	RX270808	8	M16x1	34	15,5	19	36,8
020933	RX271010	10	M18x1	39	18,5	21	48,4
020934	RX271212	12	M20x1	41	20,5	24	61,8

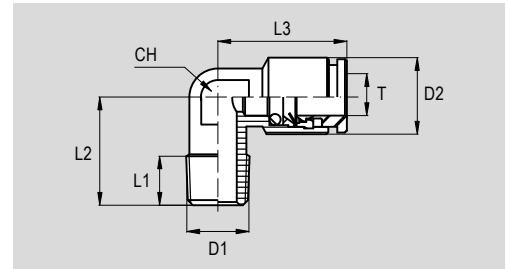
Stainless Steel push-in fittings

Series RX



Main features

Type	Description
RX14	BSPT elbow. In AISI 316L Stainless Steel.

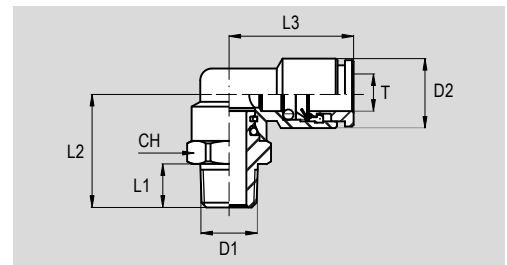


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3	CH	Weight (g)
020956	RX140418	4	R1/8"	9	9,8	17	17,5	8	10,2
020957	RX140618	6	R1/8"	12	9,8	17	20,5	10	14
020958	RX140614	6	R1/4"	12	11,3	20,7	20,5	10	20,8
020959	RX140818	8	R1/8"	14	9,5	18	22,5	12	19,6
020949	RX140814	8	R1/4"	14	11,3	20,7	22,5	12	22,3
020946	RX141014	10	R1/4"	16	12,1	21,5	24,5	14	39,5

Main features

Type	Description
RX15	BSPT swivel elbow. In AISI 316L Stainless Steel.



Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3	CH	Weight (g)
020936	RX150418	4	R1/8"	9	7,5	18	17,5	10	10,8
020937	RX150618	6	R1/8"	12	7,5	20,5	21,5	13	21,2
020938	RX150614	6	R1/4"	12	11	24,5	21,5	14	25,2
020939	RX150818	8	R1/8"	14	7,5	20,5	22,5	13	22,2
020940	RX150814	8	R1/4"	14	11	24,5	22,5	14	26,3
020826	RX150838	8	R3/8"	14	11,5	25	22,5	17	-
020941	RX151014	10	R1/4"	16	11	27	26	16	37,5
020942	RX151038	10	R3/8"	16	11,5	27,5	26	17	41,1
020827	RX151012	10	R1/2"	16	14	32	26	22	-
020828	RX151214	12	R1/4"	19	11	30,5	28,5	21	-
020943	RX151238	12	R3/8"	19	11,5	31	28,5	21	65,1
020944	RX151212	12	R1/2"	19	14	34	28,5	22	71,5

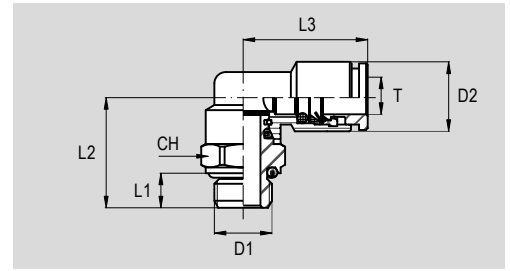
Stainless Steel push-in fittings

Series RX



Main features

Type	Description
RX16	BSP swivel elbow. In AISI 316L Stainless Steel. With FKM O-ring.

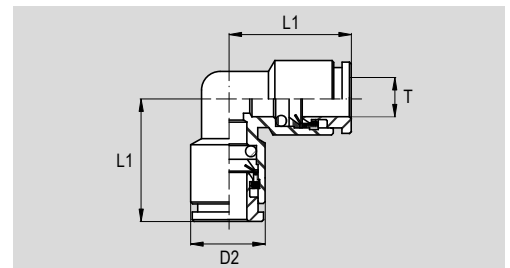


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3	CH	Weight (g)
020950	RX1604M5	4	M5x0,8	9	4	14,5	17,5	9	8,7
020951	RX160418	4	G1/8"	9	5	16,5	17,5	13	12,2
020829	RX1606M5	6	M5x0,8	12	4	15,5	20,5	9	13,2
020952	RX160618	6	G1/8"	12	5	18,5	21,5	13	20,3
020953	RX160614	6	G1/4"	12	6,5	20,5	21,5	16	24,3
020954	RX160818	8	G1/8"	14	5	18,5	22,5	13	21,6
020955	RX160814	8	G1/4"	14	6,5	20,5	22,5	16	25,8
020830	RX160838	8	G3/8"	14	7	22,5	22,5	21	-
020947	RX161014	10	G1/4"	16	6,5	22,5	26	16	34,6
020983	RX161038	10	G3/8"	16	7	24	26	21	41
020838	RX161012	10	G1/2"	16	8,5	29	26	22	-
020839	RX161214	12	G1/4"	19	6,5	26	28,5	21	-
020984	RX161238	12	G3/8"	19	7	26,5	28,5	21	59,5
020985	RX161212	12	G1/2"	19	8,5	31	28,5	22	69,2

Main features

Type	Description
RX28	Equal elbow. In AISI 316L Stainless Steel.



Dimensions

Code	Item	T (ØTube)	D2	L1	Weight (g)
020960	RX280404	4	9	17,5	11,7
020961	RX280606	6	12	21	18
020962	RX280808	8	14	22,5	24,1
020963	RX281010	10	16	24,5	43
020964	RX281212	12	18	27	49,3

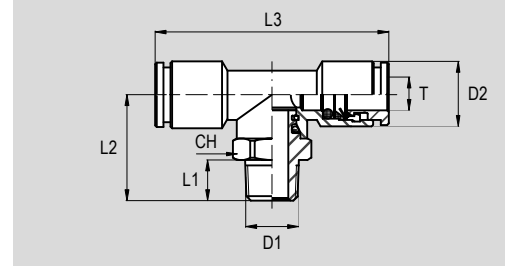
Stainless Steel push-in fittings

Series RX



Main features

Type	Description
RX20	BSPT swivel tee. In AISI 316L Stainless Steel.

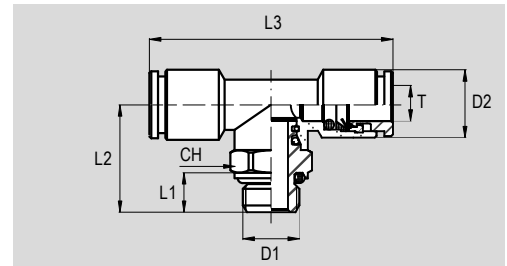


Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3	CH	Weight (g)
020966	RX200418	4	R1/8"	9	7,5	21,5	35	10	16,1
020967	RX200618	6	R1/8"	12	7,5	20,5	43	13	30,3
020968	RX200614	6	R1/4"	12	11	24,5	43	14	33,9
020969	RX200818	8	R1/8"	14	7,5	20,5	43	13	32,2
020970	RX200814	8	R1/4"	14	11	24,5	43	14	35,5
020971	RX201014	10	R1/4"	16	11	27,5	51	16	61
020972	RX201038	10	R3/8"	16	11,5	28	51	17	64,1
020840	RX201238	12	R3/8"	19	11,5	31	57	21	-
020841	RX201212	12	R1/2"	19	14	34	57	22	-

Main features

Type	Description
RX21	BSP swivel tee. In AISI 316L Stainless Steel. With FKM O-ring.



Dimensions

Code	Item	T (ØTube)	D1	D2	L1	L2	L3	CH	Weight (g)
020974	RX2104M5	4	M5x0,8	9	4	18	35	9	14
020975	RX210418	4	G1/8"	9	5	20	35	13	17,6
020976	RX210618	6	G1/8"	12	5	18,5	43	13	29,2
020977	RX210614	6	G1/4"	12	6,5	20,5	43	16	33,3
020978	RX210818	8	G1/8"	14	5	18,5	43	13	30,7
020979	RX210814	8	G1/4"	14	6,5	20,5	43	16	34,8
020986	RX211014	10	G1/4"	16	6,5	22,5	51	16	57,1
020987	RX211038	10	G3/8"	16	7	24,5	51	21	63,9
020842	RX211238	12	G3/8"	19	7	26,5	57	21	-
020843	RX211212	12	G1/2"	19	8,5	31	57	22	-

5 - STAINLESS STEEL COMPONENTS

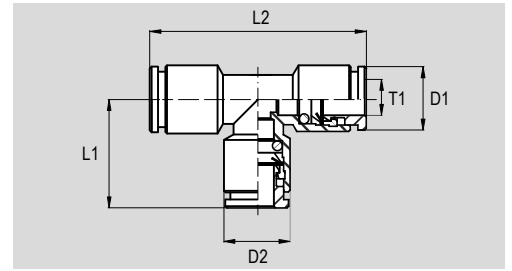
Stainless Steel push-in fittings

Series RX



Main features

Type	Description
RX29	Equal tee. In AISI 316L Stainless Steel.

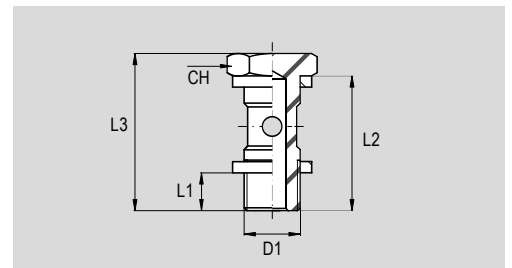


Dimensions

Code	Item	T1 (ØTube)	D2	L1	L2	Weight (g)
020995	RX290404	4	9	17,5	35	14,6
020996	RX290606	6	12	21	42	29,9
020997	RX290808	8	14	21,5	43	32,4
020998	RX291010	10	16	24,5	49	56,1
020999	RX291212	12	18	27	54	65,9

Main features

Type	Description
RX31	Single hollow bolt. In AISI 316L Stainless Steel, with parallel PTFE washer. Compatible with banjo type RX35.



Dimensions

Code	Item	D1	L1	L2	L3	CH	Weight (g)
020980	RX310018	G1/8"	5,4	24,9	28,9	14	15,1
020948	RX310014	G1/4"	6,4	27,4	32,4	17	26,1
020988	RX310038	G3/8"	6,4	30	36	21	43,6
020989	RX310012	G1/2"	7,5	35,5	41,5	26	76,5

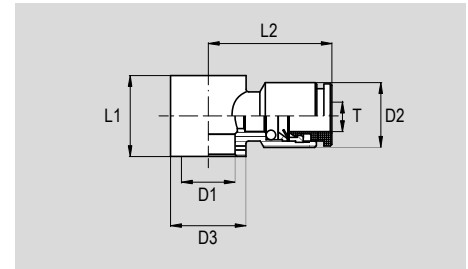
Stainless Steel push-in fittings

Series RX



Main features

Type	Description
RX35	Single banjo. In AISI 316L Stainless Steel. Compatible with bolts type RX31. Compatible with flow regulators type VX15.

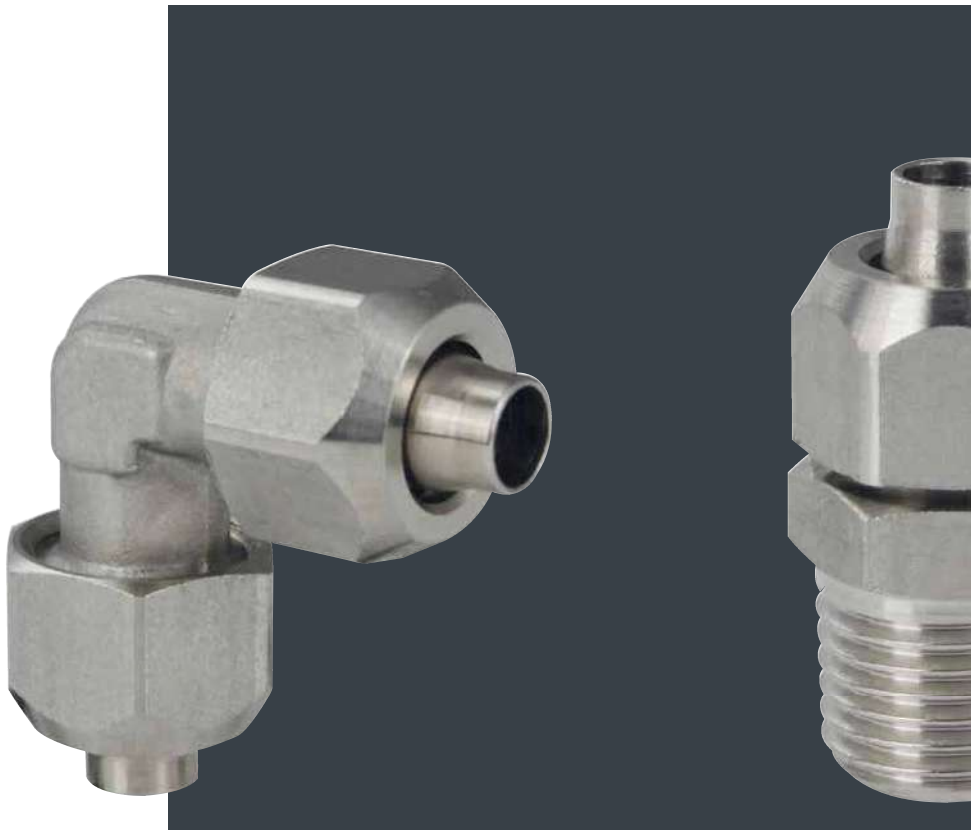


Dimensions

Code	Item	T (ØTube)	D1	D2	D3	L1	L2	Weight (g)
020982	RX350418	4	1/8"	9	14	15	20,5	13,1
020981	RX350618	6	1/8"	12	14	15	22,5	16,1
020973	RX350614	6	1/4"	12	17	17	24	18,7
020965	RX350818	8	1/8"	14	14	15	23	16,6
020945	RX350814	8	1/4"	14	17	17	25	20,4
020990	RX351014	10	1/4"	16	17	17	27	23,1
020991	RX351038	10	3/8"	16	22	20	29	35,5
020992	RX351238	12	3/8"	16	22	20	31	40,8
020993	RX351212	12	1/2"	19	26	24	33	52,2

STAINLESS STEEL

rapid fittings



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Stainless Steel rapid fittings. Available in different versions, threads and for different tube sizes.
Supplied conforming to Reach and RoHS directives. Lubricated with synthetic grease long lasting and fully composed by non-toxic elements conforming to FDA Directive section 21 CFR 178 about accidental contact with food (registered NSF H1).



Series CX

from page 5.304.10



Series of stainless steel rapid fittings, with reduced dimensions, for connecting PTFE tubes, suitable for applications with high temperatures or aggressive fluids. Available in different configurations, with taper BSPT threads and BSP, in various sizes.

Stainless Steel rapid fittings

Series CX



Code key

Series	Type*	Tube Diameter*	Thread (or Tube Diameter 2)*
CX	11	08	18
CX	11, 14, 13, 15, 16, 18, 19, 20, 21, 27	06 = Ø 6 - 4 08 = Ø 8 - 6 10 = Ø 10 - 8 12 = Ø 12 - 10	18 = 1/8" 14 = 1/4" 38 = 3/8" 12 = 1/2"

How to order

Series	Type	Ø Tube	Thread
CX	11	08	18

Notes

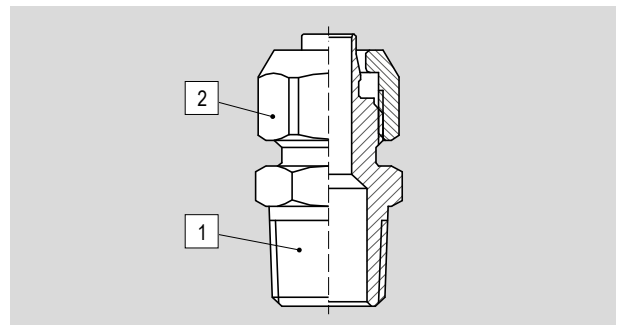
*For matching between fitting type, tube diameter and thread, see from page 5.304.11; for the specific type, see the following pages.

For standard materials see the table below

Technical data

Version	Series CX	
Fluid	All fluids compatible with stainless steel	
Maximum pressure	25 bar	
Vacuum	-99 KPa	
Temperature range	-40°C ÷ +250°C	
Parallel threads	UNI - ISO 228 / 1 (BSP)	
Taper threads	UNI EN 10226-1 (BSPT)	
Tubes	PTFE (suggested)	
Tubes tolerance	Ø 6 ÷ Ø 10	±0,7 mm
	Ø 12	±0,1 mm











Standard materials



Position	Description	Material
1	Body	Stainless Steel AISI 316L
2	Nut	Stainless Steel AISI 316L
-	Seals*	FKM (according to FDA)

*Where present

Fittings series CX

Type			Taper threads (BSPT)	Parallel threads (BSP)	For tube Ø mm	Data sheet and code page
CX11	BSPT stud		1/8", 1/4", 3/8", 1/2"	-	6-4, 8-6, 10-12, 12-10	5.304.12
CX13	Female BSP stud		-	1/8", 1/4", 3/8", 1/2"	6-4, 8-6, 10-12, 12-10	5.304.12
CX14	Union		-	-	6-4, 8-6, 10-12, 12-10	5.304.13
CX16	BSPT elbow		1/8", 1/4", 3/8", 1/2"	-	6-4, 8-6, 10-12, 12-10	5.304.13
CX15	BSPT swivel elbow		1/8", 1/4", 3/8"	-	6-4, 8-6, 10-12	5.304.14
CX18	Equal elbow		-	-	6-4, 8-6, 10-12, 12-10	5.304.14
CX19	Equal tee		-	-	6-4, 8-6, 10-12, 12-10	5.304.15
CX20	BSPT tee		1/8", 1/4", 3/8", 1/2"	-	6-4, 8-6, 10-12, 12-10	5.304.15
CX21	BSPT side tee		1/8", 1/4", 3/8", 1/2"	-	6-4, 8-6, 10-12, 12-10	5.304.16
CX27	Nut		-	-	6-4, 8-6, 10-12, 12-10	5.304.16

Matching thread/tube

Tube diameter (external)	Thread							
	G1/8"	G1/4"	G3/8"	G1/2"	R1/8"	R1/4"	R3/8"	R1/2"
Ø 6-4	●	●	-	-	●	●	-	-
Ø 8-6	●	●	●	-	●	●	-	-
Ø 10-8	-	●	●	-	-	●	●	-
Ø 12-10	-	-	●	●	-	●	●	●

Key

● available matching; - not available matching

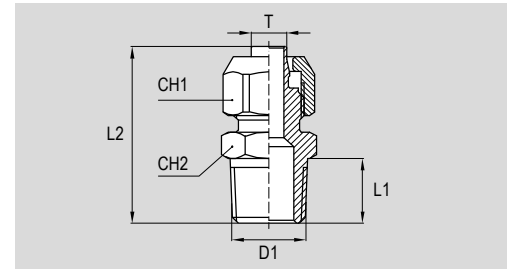
Stainless Steel rapid fittings

Series CX



Main features

Type	Description
CX11	BSPT stud. In AISI 316L Stainless Steel.

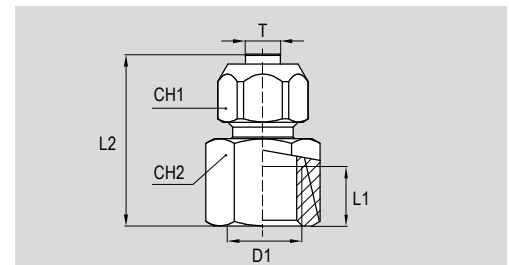


Dimensions

Code	Item	T (ØTube)	D1	L1	L2	CH1	CH2	Weight (g)
021560	CX110618	6-4	R1/8"	7,5	26	12	10	11,8
021561	CX110614	6-4	R1/4"	11	29,5	12	14	17,5
021562	CX110818	8-6	R1/8"	7,5	26,5	14	13	16,5
021563	CX110814	8-6	R1/4"	11	30	14	14	20,3
021564	CX111014	10-8	R1/4"	11	32,5	16	14	23,6
021565	CX111038	10-8	R3/8"	11,5	33	16	17	29,9
021594	CX111214	12-10	R1/4"	11	34	19	17	34,8
021595	CX111238	12-10	R3/8"	11,5	34,5	19	17	-
021596	CX111212	12-10	R1/2"	14	38	19	22	-

Main features

Type	Description
CX13	Female BSP stud. In AISI 316L Stainless Steel.



Dimensions

Code	Item	T (ØTube)	D1	L1	L2	CH1	CH2	Weight (g)
021597	CX130618	6-4	G1/8"	7	25	12	13	14,6
021598	CX130614	6-4	G1/4"	10	28,5	12	17	22,8
021599	CX130818	8-6	G1/8"	7	25,5	14	13	-
021612	CX130814	8-6	G1/4"	10	29,5	14	17	26,9
021613	CX130838	8-6	G3/8"	11	31	14	21	-
021614	CX131014	10-8	G1/4"	10	31,5	16	17	-
021615	CX131038	10-8	G3/8"	11	33	16	17	40,8
021616	CX131238	12-10	G3/8"	11	34,5	19	21	-
021617	CX131212	12-10	G1/2"	11	35	19	24	-

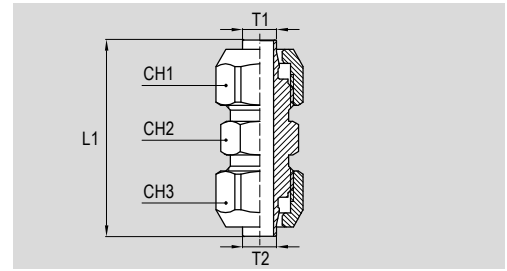
Stainless Steel rapid fittings

Series CX



Main features

Type	Description
CX14	Union. In AISI 316L Stainless Steel.

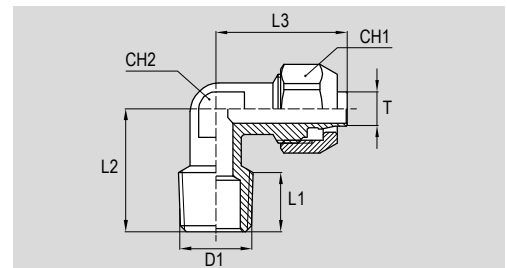


Dimensions

Code	Item	T1 (ØTube)	T2 (ØTube)	L1	CH1	CH2	CH3	Weight (g)
021566	CX140606	6-4	6-4	34	12	10	12	20
021567	CX140808	8-6	8-6	35	14	12	14	25,7
021618	CX140806	8-6	6-4	34,5	14	12	12	23,5
021568	CX141010	10-8	10-8	39	16	14	16	35,8
021619	CX141008	10-8	8-6	37	16	14	14	-
021620	CX141212	12-10	12-10	42	19	16	19	-
021621	CX141210	12-10	10-8	40,5	19	16	16	-

Main features

Type	Description
CX16	BSPT elbow. In AISI 316L Stainless Steel.



Dimensions

Code	Item	T (ØTube)	D1	L1	L2	L3	CH1	CH2	Weight (g)
021569	CX160618	6-4	R1/8"	6,5	17	23	12	10	16,6
021570	CX160614	6-4	R1/4"	10	21,5	23	12	10	20,5
021571	CX160818	8-6	R1/8"	6,5	17	23,5	14	10	17,6
021572	CX160814	8-6	R1/4"	10	21,5	23,5	14	10	21,1
021573	CX161014	10-8	R1/4"	9,5	21,5	26	16	12	29,5
021622	CX161038	10-8	R3/8"	11	24	26	16	12	-
021623	CX161238	12-10	R3/8"	12,6	35,5	30,5	19	17	-
021624	CX161212	12-10	R1/2"	13,5	30	33	19	19	-

5 - STAINLESS STEEL COMPONENTS

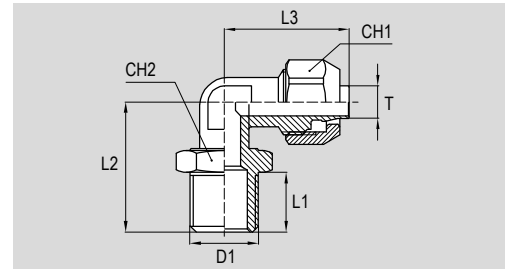
Stainless Steel rapid fittings

Series CX



Main features

Type	Description
CX15	BSPT swivel elbow. In AISI 316L Stainless Steel.

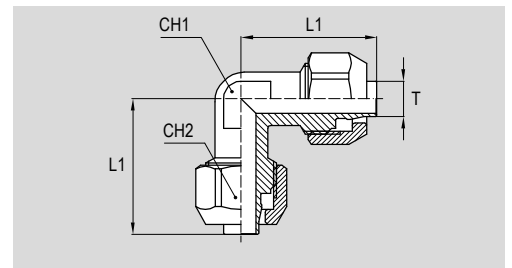


Dimensions

Code	Item	T (ØTube)	D1	L1	L2	L3	CH1	CH2	Weight (g)
021625	CX150618	6-4	R1/8"	7,5	20	21	12	13	-
021626	CX150614	6-4	R1/4"	11	24	21	12	14	-
021627	CX150818	8-6	R1/8"	7,5	20	21	14	13	-
021628	CX150814	8-6	R1/4"	11	24	21	14	14	-
021629	CX151014	10-8	R1/4"	11	25,5	24	16	14	-
021630	CX151038	10-8	R3/8"	11,5	26	24	16	17	-

Main features

Type	Description
CX18	Equal elbow. In AISI 316L Stainless Steel.



Dimensions

Code	Item	T (ØTube)	L1	CH1	CH2	Weight (g)
021574	CX180606	6-4	23	12	10	24,9
021575	CX180808	8-6	23,5	14	10	26,9
021576	CX181010	10-8	26	16	12	33,3
021631	CX181212	12-10	30	19	17	-

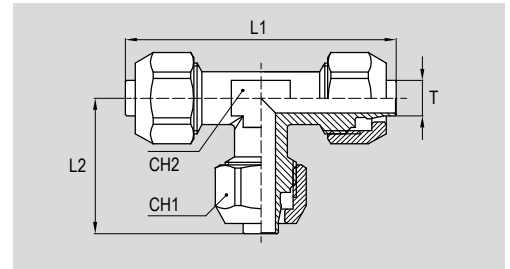
Stainless Steel rapid fittings

Series CX



Main features

Type	Description
CX19	Equal tee. In AISI 316L Stainless Steel.

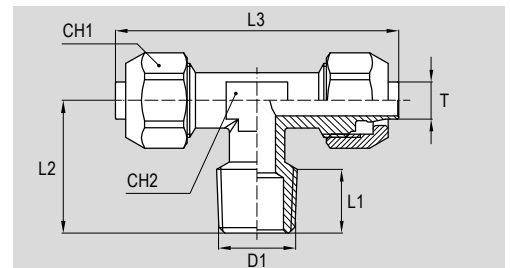


Dimensions

Code	Item	T (ØTube)	L1	L2	CH1	CH2	Weight (g)
021587	CX190606	6-4	46	23	12	10	36,4
021588	CX190808	8-6	46	23	14	10	39
021589	CX191010	10-8	52	26	16	12	47,6
021632	CX191212	12-10	60	30	19	17	-

Main features

Type	Description
CX20	BSPT tee. In AISI 316L Stainless Steel.



Dimensions

Code	Item	T (ØTube)	D1	L1	L2	L3	CH1	CH2	Weight (g)
021577	CX200618	6-4	R1/8"	6,5	17	46	12	10	29
021578	CX200614	6-4	R1/4"	9,5	21	46	12	10	31,6
021579	CX200818	8-6	R1/8"	6,5	17	46	14	10	30,3
021580	CX200814	8-6	R1/4"	10	21,5	46	14	10	33,7
021581	CX201014	10-8	R1/4"	9,5	21,5	52	16	12	39,7
021633	CX201038	10-8	R3/8"	11	24	52	16	12	-
021634	CX201238	12-10	R3/8"	12,6	60	52	19	17	-
021635	CX201212	12-10	R1/2"	13,9	60	52	19	17	-

5 - STAINLESS STEEL COMPONENTS

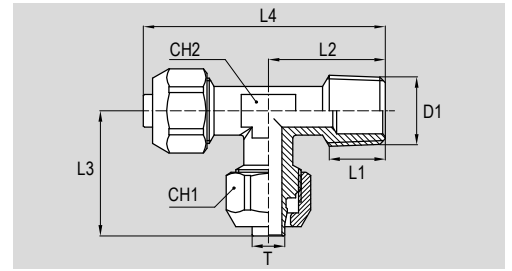
Stainless Steel rapid fittings

Series CX



Main features

Type	Description
CX21	BSPT side tee. In AISI 316L Stainless Steel.

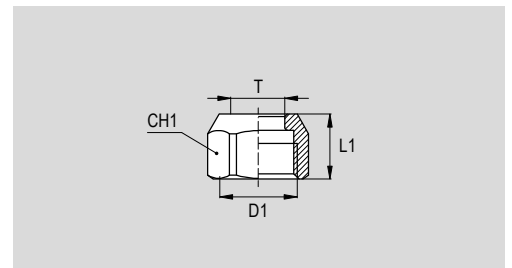


Dimensions

Code	Item	T (ØTube)	D1	L1	L2	L3	L4	CH1	CH2	Weight (g)
021582	CX210618	6-4	R1/8"	9,9	17	23	40	12	10	28,3
021583	CX210614	6-4	R1/4"	10	21,5	23	44,5	12	10	31,2
021584	CX210818	8-6	R1/8"	6,5	17	23	40	14	10	30,4
021585	CX210814	8-6	R1/4"	10	21,5	23	44,5	14	10	34,1
021586	CX211014	10-8	R1/4"	9,5	21,5	26	47,5	16	12	39,5
021636	CX211038	10-8	R3/8"	11	24	26	50	16	12	-
021637	CX211238	12-10	R3/8"	12,6	25,5	30	55,5	19	17	-
021638	CX211212	12-10	R1/2"	13,9	28	30	58	19	17	-

Main features

Type	Description
CX27	Nut. In AISI 316L Stainless Steel.

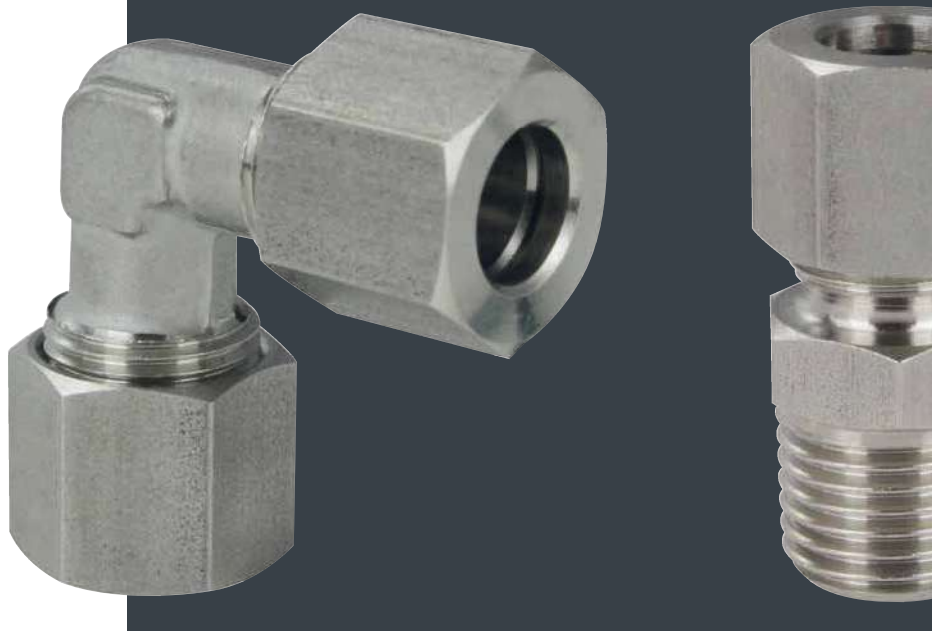


Dimensions

Code	Item	T (ØTube)	D1	L1	CH1	Weight (g)
021590	CX270610	6-4	M10x1	10	12	4,4
021591	CX270812	8-6	M12x1	10	14	5,5
021592	CX271014	10-8	M14x1	11	16	7
021639	CX271216	12-10	M16x1	12	19	-

STAINLESS STEEL

compression fittings



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Stainless Steel compression fittings. Available in different versions, threads and for different tube sizes. Supplied conforming to Reach and RoHS directives. Lubricated with synthetic grease long lasting and fully composed by non-toxic elements conforming to FDA Directive section 21 CFR 178 about accidental contact with food (registered NSF H1).



Series OX

from page 5.306.10



Stainless Steel AISI 316 L compression fittings conforming to DIN 2353 standards for stainless steel tubes. The ogive crushing onto the tube, by screwing down the external nut, allows to get a safe connection even at high pressures. The ogive is single cone. Available in different configurations, with taper BSPT threads and BSP threads, in various sizes.

Stainless Steel compression fittings

Series OX



Code key

Series	Type*	Tube Diameter*	Thread (or Tube Diameter 2)*
OX	11	08	18
OX	11, 13, 14, 16, 17, 18, 19, 21, 22	04 = Ø 4 mm 06 = Ø 6 mm 08 = Ø 8 mm 10 = Ø 10 mm 12 = Ø 12 mm	18 = 1/8" 14 = 1/4" 38 = 3/8" 12 = 1/2"

How to order

Series	Type	Ø Tube	Thread
OX	11	08	18

Notes

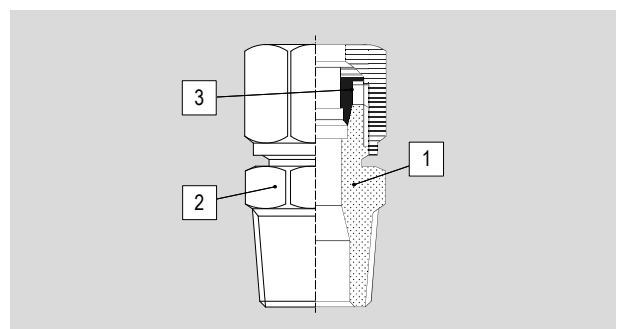
*For matching between fitting type, tube diameter and thread, see from page 5.306.11; for the specific type, see the following pages.

For standard materials see the table below

Technical data










Version	Series OX
Fluid	Compressed air, aggressive fluids, low pressure oil
Maximum pressure	0 ÷ 80 bar
Temperature range	-40°C ÷ +250°C
Parallel threads	UNI - ISO 228 / 1 (BSP)
Taper threads	UNI EN 10226-1 (BSPT)
Tubes	Seamless Stainless Steel

Standard materials



Position	Description	Material
1	Body	Stainless Steel AISI 316 L
2	Nut	Stainless Steel AISI 316 L
3	Ogive	Stainless Steel AISI 316 L

Fittings series OX

Type			Taper threads (BSPT)	Parallel threads (BSP)	For tube Ø mm	Data sheet and code page
OX11	BSPT stud		1/8", 1/4", 3/8", 1/2"	-	4, 6, 8, 10, 12	5.306.12
OX13	Female BSP stud		-	1/8", 1/4", 3/8", 1/2"	6, 8, 10, 12	5.306.12
OX14	Union		-	-	4, 6, 8, 10, 12	5.306.13
OX16	BSPT elbow		1/8", 1/4", 3/8", 1/2"	-	4, 6, 8, 10, 12	5.306.13
OX17	Equal elbow		-	-	4, 6, 8, 10, 12	5.306.14
OX18	Equal tee		-	-	4, 6, 8, 10, 12	5.306.14
OX19	BSPT tee		1/8", 1/4", 3/8", 1/2"	-	4, 6, 8, 10, 12	5.306.15
OX21	Nut		-	-	4, 6, 8, 10, 12	5.306.15
OX22	Ogive		-	-	4, 6, 8, 10, 12	5.306.16

Matching thread/tube

Tube diameter (external)	Thread							
	G1/8"	G1/4"	G3/8"	G1/2"	R1/8"	R1/4"	R3/8"	R1/2"
Ø 4 mm	-	-	-	-	●	-	-	-
Ø 6 mm	●	-	-	-	●	●	-	-
Ø 8 mm	-	●	-	-	●	●	-	-
Ø 10 mm	-	●	●	-	-	●	●	-
Ø 12 mm	-	-	●	●	-	-	●	●

Key

● available matching; - not available matching

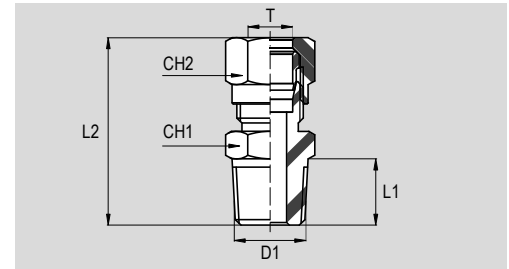
Stainless Steel compression fittings

Series OX



Main features

Type	Description
OX11	BSPT stud. In AISI 316L Stainless Steel

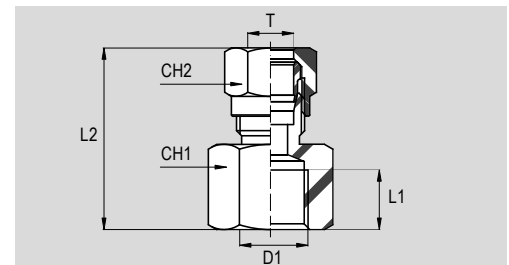


Dimensions

Code	Item	T (ØTube)	D1	L1	L2	CH1	CH2	Weight (g)
027057	OX110418	4	R1/8"	8	27	10	10	12,9
027031	OX110618	6	R1/8"	8	27	11	12	14,9
027032	OX110614	6	R1/4"	11	31	14	12	24
027053	OX110818	8	R1/8"	8	29	12	14	17,5
027033	OX110814	8	R1/4"	11	32	14	14	25
027036	OX111014	10	R1/4"	11	35,5	17	19	42,4
027037	OX111038	10	R3/8"	11,5	37	17	19	51,2
027040	OX111238	12	R3/8"	11,5	37	19	22	59,3
027041	OX111212	12	R1/2"	14	40,5	22	22	81,1

Main features

Type	Description
OX13	Female BSP stud. In AISI 316L Stainless Steel



Dimensions

Code	Item	T (ØTube)	D1	L1	L2	CH1	CH2	Weight (g)
027081	OX130618	6	G1/8"	8,5	28	14	12	20,5
027082	OX130814	8	G1/4"	10,5	31	19	14	35,1
027083	OX131014	10	G1/4"	10,5	34,5	19	19	51,6
027016	OX131038	10	G3/8"	10,5	36,5	22	19	-
027084	OX131238	12	G3/8"	10,5	36,5	22	22	70,2
027017	OX131212	12	G1/2"	12,5	37,5	24	22	69,2

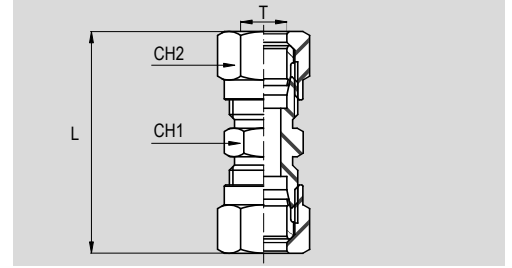
Stainless Steel compression fittings

Series OX



Main features

Type	Description
OX14	Union. In AISI 316L Stainless Steel

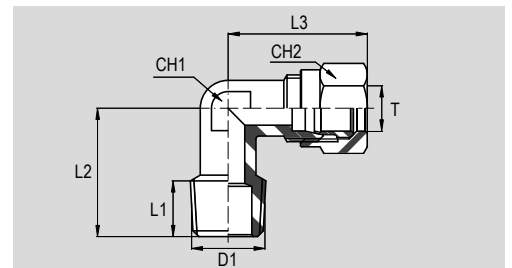


Dimensions

Code	Item	T (ØTube)	L	CH1	CH2	Weight (g)
027021	OX140404	4	34	9	10	14,9
027001	OX140606	6	34	11	12	20,4
027002	OX140808	8	36	12	14	26,5
027003	OX141010	10	45	17	19	66,4
027004	OX141212	12	45	19	22	85,8

Main features

Type	Description
OX16	BSPT elbow. In AISI 316L Stainless Steel



Dimensions

Code	Item	T (ØTube)	D1	L1	L2	L3	CH1	CH2	Weight (g)
027018	OX160418	4	R1/8"	6,5	17	23	10	10	16,7
027091	OX160618	6	R1/8"	6,5	17	24	10	12	19,2
027092	OX160614	6	R1/4"	10	21,5	24	10	12	21,9
027094	OX160814	8	R1/4"	10	21,5	24,5	10	14	23,1
027096	OX161014	10	R1/4"	12,5	24,5	30,5	12	19	46,8
027097	OX161038	10	R3/8"	11,5	24,5	30,5	12	19	49,8
027100	OX161238	12	R3/8"	12,5	25,5	33	17	22	72,5
027101	OX161212	12	R1/2"	13,5	30	35	19	22	91,2

5 - STAINLESS STEEL COMPONENTS

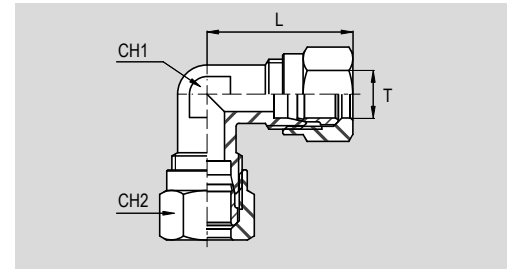
Stainless Steel compression fittings

Series OX



Main features

Type	Description
OX17	Equal elbow. In AISI 316L Stainless Steel

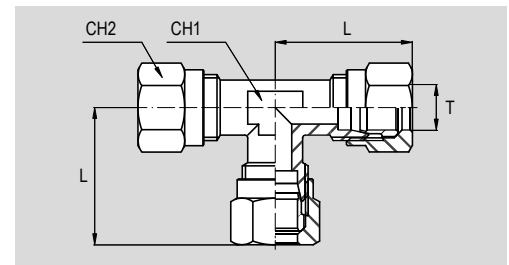


Dimensions

Code	Item	T (ØTube)	L	CH1	CH2	Weight (g)
027022	OX170404	4	23	10	10	21,5
027061	OX170606	6	24	10	12	25,3
027062	OX170808	8	24,5	10	14	28,3
027063	OX171010	10	30,5	12	19	66
027064	OX171212	12	33	17	22	99,2

Main features

Type	Description
OX18	Equal tee. In AISI 316L Stainless Steel



Dimensions

Code	Item	T (ØTube)	L	CH1	CH2	Weight (g)
027023	OX180404	4	23	10	10	30,2
027121	OX180606	6	24	10	12	36,2
027122	OX180808	8	24,5	10	14	40,9
027123	OX181010	10	30,5	12	19	94,1
027124	OX181212	12	33	17	22	143

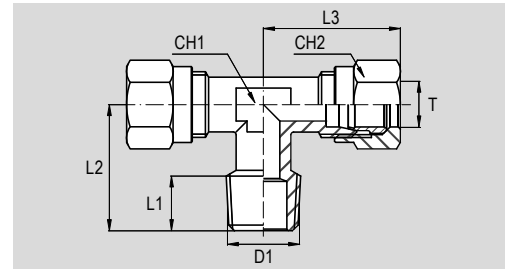
Stainless Steel compression fittings

Series OX



Main features

Type	Description
OX19	BSPT tee. In AISI 316L Stainless Steel

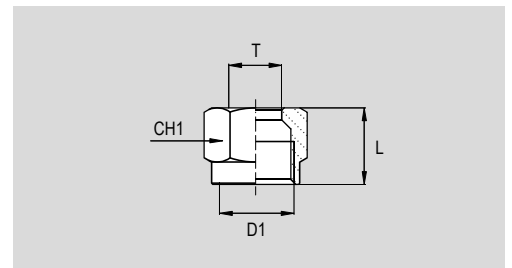


Dimensions

Code	Item	T (ØTube)	D1	L1	L2	L3	CH1	CH2	Weight (g)
027019	OX190418	4	R1/8"	6,5	17	23	10	10	25,3
027151	OX190618	6	R1/8"	6,5	17	24	10	12	29,6
027152	OX190614	6	R1/4"	10	21,5	24	10	12	32,7
027153	OX190814	8	R1/4"	10	21,5	24,5	10	14	35,1
020243	OX191014	10	R1/4"	12,5	24,5	30,5	12	19	72,6
027154	OX191038	10	R3/8"	11,5	24,5	30,5	12	19	76,9
027156	OX191238	12	R3/8"	12,5	25,5	33	17	22	117,1
027020	OX191212	12	R1/2"	13,5	30	33	19	22	126,2

Main features

Type	Description
OX21	Nut. In AISI 316L Stainless Steel



Dimensions

Code	Item	T (ØTube)	D1	L	CH1	Weight (g)
027240	OX210404	4	M8x1	11	10	4,3
027241	OX210606	6	M10x1	11,5	12	5,6
027242	OX210808	8	M12x1	12	14	7,1
027243	OX211010	10	M16x1,5	15,5	19	18,4
027244	OX211212	12	M18x1,5	15,5	22	25,8

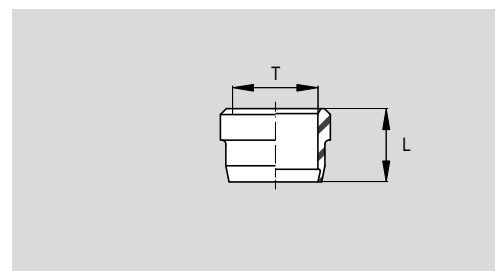
Stainless Steel compression fittings

Series OX



Main features

Type	Description
OX22	Ogive. In AISI 316L Stainless Steel

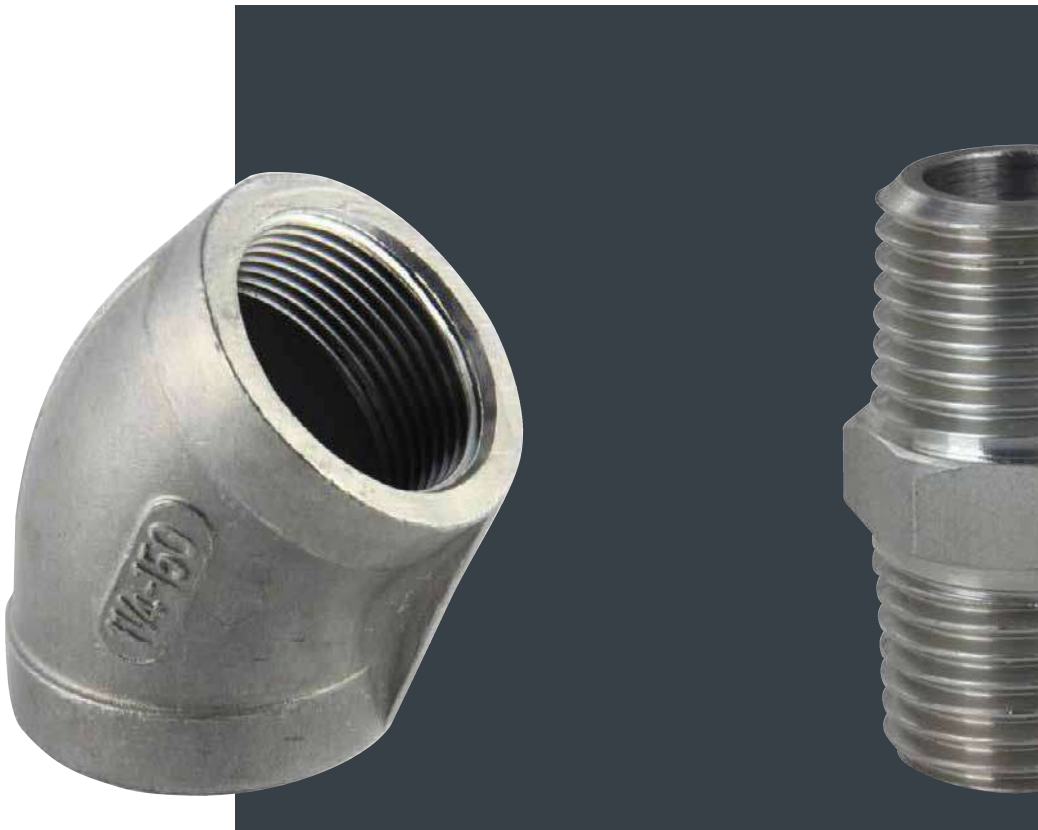


Dimensions

Code	Item	T (ØTube)	L	Weight (g)
027024	OX220404	4	5,5	0,3
027271	OX220606	6	6	0,8
027272	OX220808	8	5,7	1
027273	OX221010	10	8	2,2
027274	OX221212	12	8	2,5

STAINLESS STEEL

standard fittings



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Stainless Steel standard fittings. Available in different configurations and threads.
Supplied conforming to Reach and RoHS directives.



Series AX

from page 5.308.10



Stainless Steel AISI 316 standard fittings. Available in different configurations, with taper BSPT threads and BSP threads, in various sizes, from 1/8" up to 4".

Stainless Steel standard fittings

Series AX



Code key

Series	Type*	Thread 1*	Thread 2*
AX	002	12	14
AX	002, 004, 006, 007, 010, 013, 015, 016, 021, 022, 023, 026, 027, 028, 029, 030, 031, 032, 033, 034	18 = 1/8" 14 = 1/4" 38 = 3/8" 12 = 1/2" 34 = 3/4" 01 = 1"	41 = 1 1/4" 21 = 1 1/2" 02 = 2" 22 = 2 1/2" 03 = 3" 04 = 4"

How to order

Series	Type	Ø Tube	Thread
AX	002	12	14

Notes

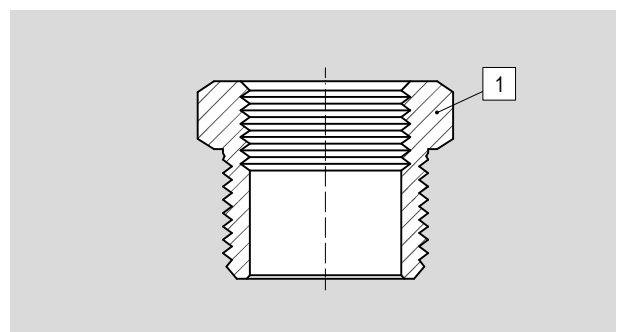
*For matching between fitting type and thread, see from page 5.308.11; for the specific type, see the following pages.

For standard materials see the table below

Technical data

Version	Series AX
Fluid	Compressed air, aggressive fluids, low pressure oil
Maximum pressure	0 ÷ 60 bar
Temperature range	-40°C ÷ +250°C
Taper threads	UNI EN 10226-1 (BSPT)

Standard materials



Position	Description	Material
1	Body	Stainless Steel AISI 316

Stainless Steel standard fittings

Series AX



Fittings series AX

Type			Taper threads (BSPT)	Parallel threads (BSP)	Stem Ø mm	Data sheet and code page
AX002	M/F reducer		1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"	1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2 1/2", 3"	-	5.308.12
AX004	M/F increaser		1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2"	1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2"	-	5.308.13
AX006	BSPT nipple		1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"	-	-	5.308.12
AX027	BSPT reducing nipple		1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"	-	-	5.308.14
AX028	Threaded nipple		1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"	-	-	5.308.14
AX029	Solder fitting		1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4"	-	-	5.308.15
AX030	BSPT extended nipple		1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"	-	-	5.308.15
AX007	Female socket		-	1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4"	-	5.308.16
AX031	Female reducing socket		-	1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"	-	5.308.16
AX016	Male BSPT plug		1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"	-	-	5.308.17
AX010	Female plug		-	1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"	-	5.308.17
AX013	Nut		-	1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"	-	5.308.18
AX015	BSPT hose adapter		1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"	-	7, 8, 10, 14,5, 20, 25, 32, 40, 52	5.308.18
AX032	BSP F/F union		-	1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"	-	5.308.19
AX033	M/F union		1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"	1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"	-	5.308.19
AX034	BSP 45° F/F elbow		-	1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"	-	5.308.20
AX021	F/F elbow		-	1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"	-	5.308.20
AX022	M/F elbow		1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"	1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"	-	5.308.21
AX023	F/F/F tee		-	1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"	-	5.308.21
AX026	F/F/F/F +		-	1/8", 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"	-	5.308.22

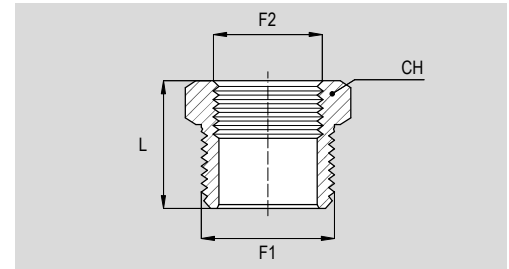
Stainless Steel standard fittings

Series AX



Main features

Type	Description
AX002	M/F reducer. In AISI 316 Stainless Steel.

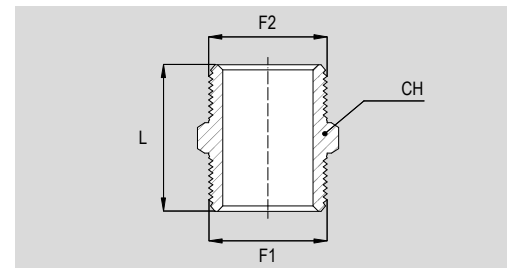


Dimensions

Code	Item	F1 (Thread 1)	F2 (Thread 2)	L	CH	Weight (g)
026161	AX002 14 18	R1/4"	G1/8"	18	14	-
026163	AX002 38 18	R3/8"	G1/8"	20	17	-
026162	AX002 38 14	R3/8"	G1/4"	20	17	-
026165	AX002 12 38	R1/2"	G3/8"	23	22	-
026164	AX002 12 14	R1/2"	G1/4"	23	22	-
026166	AX002 34 38	R3/4"	G3/8"	27	27	-
026167	AX002 34 12	R3/4"	G1/2"	27	27	-
026168	AX002 01 12	R1"	G1/2"	30	36	-
026169	AX002 01 34	R1"	G3/4"	30	36	-
026170	AX002 41 34	R1 1/4"	G3/4"	31	42	-
026171	AX002 41 01	R1 1/4"	G1"	31	42	-
026172	AX002 21 01	R1 1/2"	G1"	33	50	-
026173	AX002 21 41	R1 1/2"	G1 1/4"	33	50	-
026174	AX002 02 41	R2"	G1 1/4"	37	60	-
026175	AX002 02 21	R2"	G1 1/2"	37	60	-
026176	AX002 22 21	R2 1/2"	G1 1/2"	43	77	-
026177	AX002 22 02	R2 1/2"	G2"	43	77	-
026178	AX002 03 02	R3"	G2"	48	90	-
026179	AX002 03 22	R3"	G2 1/2"	48	90	-

Main features

Type	Description
AX006	BSPT nipple. In AISI 316 Stainless Steel.



Dimensions

Code	Item	F1 (Thread 1)	F2 (Thread 2)	L	CH	Weight (g)
026131	AX006 18 18	R1/8"	R1/8"	24	12	-
026132	AX006 14 14	R1/4"	R1/4"	29	14	-
026133	AX006 38 38	R3/8"	R3/8"	32	17	-
026134	AX006 12 12	R1/2"	R1/2"	38	22	-
026135	AX006 34 34	R3/4"	R3/4"	45	27	-
026136	AX006 01 01	R1"	R1"	47	36	-
026137	AX006 41 41	R1 1/4"	R1 1/4"	52	42	-
026138	AX006 21 21	R1 1/2"	R1 1/2"	55	50	-
026139	AX006 02 02	R2"	R2"	62	60	-
026140	AX006 22 22	R2 1/2"	R2 1/2"	71	77	-
026141	AX006 03 03	R3"	R3"	82	90	-

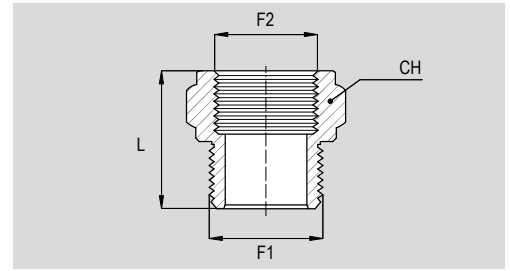
Stainless Steel standard fittings

Series AX



Main features

Type	Description
AX004	M/F increaser. In AISI 316 Stainless Steel.



Dimensions

Code	Item	F1 (Thread 1)	F2 (Thread 2)	L	CH	Weight (g)
026251	AX004 18 18	R1/8"	G1/8"	21	17	-
026252	AX004 14 18	R1/4"	G1/8"	24	19	-
026253	AX004 14 14	R1/4"	G1/4"	27	19	-
026254	AX004 38 18	R3/8"	G1/8"	25	24	-
026255	AX004 38 14	R3/8"	G1/4"	28	24	-
026256	AX004 38 38	R3/8"	G3/8"	31	24	-
026257	AX004 12 14	R1/2"	G1/4"	30	30	-
026258	AX004 12 38	R1/2"	G3/8"	33	30	-
026259	AX004 12 12	R1/2"	G1/2"	40	24	-
026260	AX004 34 14	R3/4"	G1/4"	31	36	-
026261	AX004 34 38	R3/4"	G3/8"	34	36	-
026262	AX004 34 12	R3/4"	G1/2"	35	36	-
026263	AX004 34 34	R3/4"	G3/4"	37	36	-
026264	AX004 01 38	R1"	G3/8"	37	41	-
026265	AX004 01 12	R1"	G1/2"	38	41	-
026266	AX004 01 34	R1"	G3/4"	40	41	-
026267	AX004 01 01	R1"	G1"	41	41	-
026268	AX004 41 34	R1 1/4"	G3/4"	40	50	-
026269	AX004 41 01	R1 1/4"	G1"	41	50	-
026270	AX004 41 41	R1 1/4"	G1 1/4"	44	50	-
026271	AX004 21 34	R1 1/2"	G3/4"	43	55	-
026272	AX004 21 01	R1 1/2"	G1"	44	55	-
026273	AX004 21 41	R1 1/2"	G1 1/4"	47	55	-
026274	AX004 21 41	R1 1/2"	G1 1/2"	53	55	-

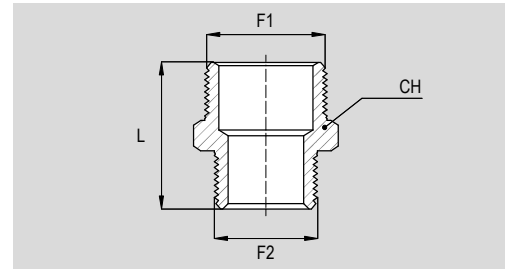
Stainless Steel standard fittings

Series AX



Main features

Type	Description
AX027	BSPT reducing nipple. In AISI 316 Stainless Steel.

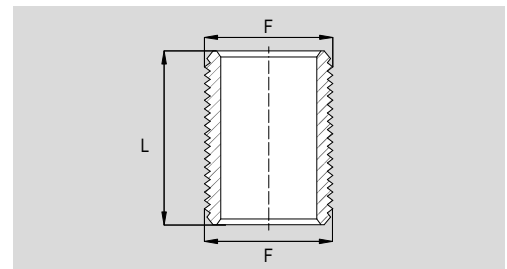


Dimensions

Code	Item	F1 (Thread 1)	F2 (Thread 2)	L	CH	Weight (g)
026091	AX027 14 18	R1/4"	R1/8"	27	14	-
026092	AX027 38 14	R3/8"	R1/4"	31	17	-
026093	AX027 12 14	R1/2"	R1/4"	34	22	-
026094	AX027 12 38	R1/2"	R3/8"	35	22	-
026095	AX027 34 38	R3/4"	R3/8"	38	27	-
026096	AX027 34 12	R3/4"	R1/2"	42	27	-
026097	AX027 01 12	R1"	R1/2"	45	36	-
026098	AX027 01 34	R1"	R3/4"	48	36	-
026099	AX027 41 34	R1 1/4"	R3/4"	49	42	-
026100	AX027 41 01	R1 1/4"	R1"	51	42	-
026101	AX027 21 01	R1 1/2"	R1"	53	50	-
026102	AX027 21 41	R1 1/2"	R1 1/4"	54	50	-
026103	AX027 02 41	R2"	R1 1/4"	58	60	-
026104	AX027 02 21	R2"	R1 1/2"	59	60	-
026105	AX027 22 21	R2 1/2"	R1 1/2"	67	77	-
026106	AX027 22 02	R2 1/2"	R2"	70	77	-
026107	AX027 03 22	R3"	R2 1/2"	78	90	-

Main features

Type	Description
AX028	Threaded nipple. In AISI 316 Stainless Steel.



Dimensions

Code	Item	F (Thread)	L	Weight (g)
026001	AX028 18 18	R1/8"	16	-
026002	AX028 14 14	R1/4"	18	-
026003	AX028 38 38	R3/8"	22	-
026004	AX028 12 12	R1/2"	25	-
026005	AX028 34 34	R3/4"	30	-
026006	AX028 01 01	R1"	35	-
026007	AX028 41 41	R1 1/4"	38	-
026008	AX028 21 21	R1 1/2"	38	-
026009	AX028 02 02	R2"	45	-
026010	AX028 22 22	R2 1/2"	55	-
026011	AX028 03 03	R3"	60	-

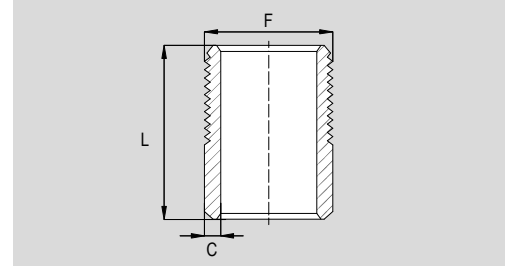
Stainless Steel standard fittings

Series AX



Main features

Type	Description
AX029	Solder fitting. In AISI 316 Stainless Steel.

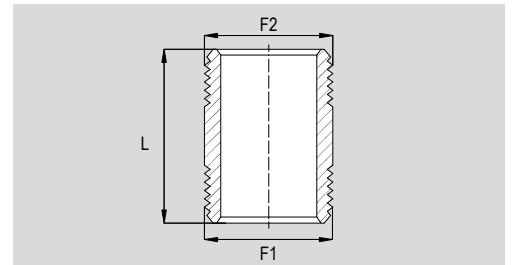


Dimensions

Code	Item	F (Thread)	L	C	Weight (g)
026031	AX029 18 18	R1/8"	20	2,24	-
026032	AX029 14 14	R1/4"	22	2,24	-
026033	AX029 38 38	R3/8"	25	2,31	-
026034	AX029 12 12	R1/2"	28	2,90	-
026035	AX029 34 34	R3/4"	35	2,90	-
026036	AX029 01 01	R1"	35	3,38	-
026037	AX029 41 41	R1 1/4"	45	3,56	-
026038	AX029 21 21	R1 1/2"	45	3,68	-
026039	AX029 02 02	R2"	50	3,91	-
026040	AX029 22 22	R2 1/2"	55	6,30	-
026041	AX029 03 03	R3"	65	4	-
026042	AX029 04 04	R4"	75	4,5	-

Main features

Type	Description
AX030	BSPT extended nipple. In AISI 316 Stainless Steel.



Dimensions

Code	Item	F1 (Thread 1)	F2 (Thread 2)	L	Weight (g)
026061	AX030 18 18	R1/8"	R1/8"	30	-
026062	AX030 14 14	R1/4"	R1/4"	36	-
026063	AX030 38 38	R3/8"	R3/8"	42	-
026064	AX030 12 12	R1/2"	R1/2"	45	-
026065	AX030 34 34	R3/4"	R3/4"	53	-
026066	AX030 01 01	R1"	R1"	60	-
026067	AX030 41 41	R1 1/4"	R1 1/4"	66	-
026068	AX030 21 21	R1 1/2"	R1 1/2"	67	-
026069	AX030 02 02	R2"	R2"	75	-
026070	AX030 22 22	R2 1/2"	R2 1/2"	85	-
026071	AX030 03 03	R3"	R3"	90	-

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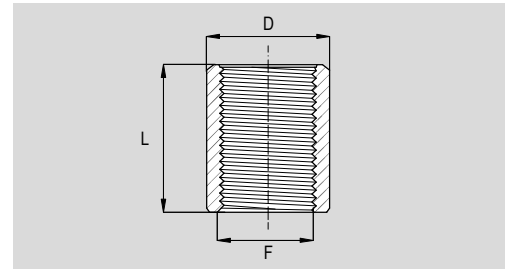
Stainless Steel standard fittings

Series AX



Main features

Type	Description
AX007	Female socket. In AISI 316 Stainless Steel.

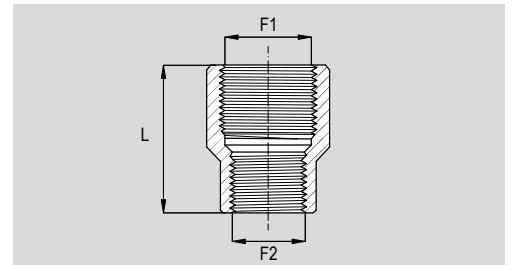


Dimensions

Code	Item	F (Thread)	L	D	Weight (g)
026511	AX007 18 18	G1/8"	20	14	-
026512	AX007 14 14	G1/4"	22	17,2	-
026513	AX007 38 38	G3/8"	25	21,3	-
026514	AX007 12 12	G1/2"	30	26,7	-
026515	AX007 34 34	G3/4"	35	33,4	-
026516	AX007 01 01	G1"	37	40	-
026517	AX007 41 41	G1 1/4"	42	48,3	-
026518	AX007 21 21	G1 1/2"	42	57	-
026519	AX007 02 02	G2"	46	71	-
026520	AX007 22 22	G2 1/2"	65	90	-
026521	AX007 03 03	G3"	70	100	-
026522	AX007 04 04	G4"	70	120	-

Main features

Type	Description
AX031	Female reducing socket. In AISI 316 Stainless Steel.



Dimensions

Code	Item	F1 (Thread 1)	F2 (Thread 2)	L	Weight (g)
026541	AX031 14 18	G1/4"	G1/8"	27	-
026542	AX031 38 14	G3/8"	G1/4"	30	-
026543	AX031 12 14	G1/2"	G1/4"	36	-
026544	AX031 12 38	G1/2"	G3/8"	36	-
026545	AX031 34 38	G3/4"	G3/8"	39	-
026546	AX031 34 12	G3/4"	G1/2"	39	-
026547	AX031 01 12	G1"	G1/2"	45	-
026548	AX031 01 34	G1"	G3/4"	45	-
026549	AX031 41 34	G1 1/4"	G3/4"	50	-
026550	AX031 41 01	G1 1/4"	G1"	50	-
026551	AX031 21 01	G1 1/2"	G1"	55	-
026552	AX031 21 41	G1 1/2"	G1 1/4"	55	-
026553	AX031 02 41	G2"	G1 1/4"	65	-
026554	AX031 02 21	G2"	G1 1/2"	65	-
026555	AX031 22 21	G2 1/2"	G1 1/2"	74	-
026556	AX031 22 02	G2 1/2"	G2"	74	-
026557	AX031 03 02	G3"	G2"	80	-
026558	AX031 03 22	G3"	G2 1/2"	80	-

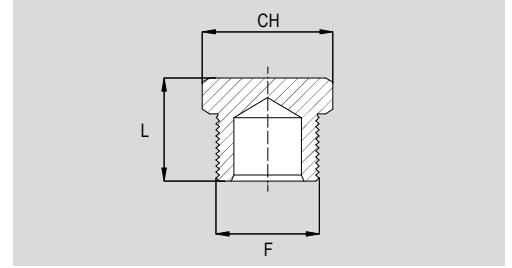
Stainless Steel standard fittings

Series AX



Main features

Type	Description
AX016	Male BSPT plug. In AISI 316 Stainless Steel.

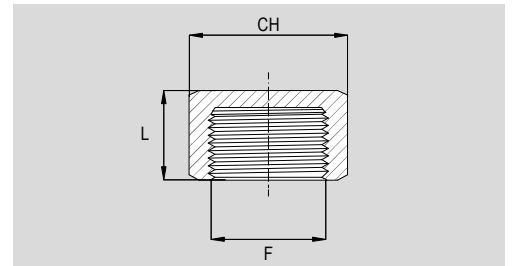


Dimensions

Code	Item	F (Thread)	L	CH	Weight (g)
026191	AX016 18 18	R1/8"	15	12	-
026192	AX016 14 14	R1/4"	17	14	-
026193	AX016 38 38	R3/8"	18	17	-
026194	AX016 12 12	R1/2"	20	22	-
026195	AX016 34 34	R3/4"	25	27	-
026196	AX016 01 01	R1"	28	36	-
026197	AX016 41 41	R1 1/4"	31	42	-
026198	AX016 21 21	R1 1/2"	33	50	-
026199	AX016 02 02	R2"	38	60	-
026200	AX016 22 22	R2 1/2"	43	77	-
026201	AX016 03 03	R3"	48	90	-

Main features

Type	Description
AX010	Female plug. In AISI 316 Stainless Steel.



Dimensions

Code	Item	F (Thread)	L	CH	Weight (g)
026671	AX010 18 18	G1/8"	13	17	-
026672	AX010 14 14	G1/4"	15	19	-
026673	AX010 38 38	G3/8"	16	24	-
026674	AX010 12 12	G1/2"	18	30	-
026675	AX010 34 34	G3/4"	21	36	-
026676	AX010 01 01	G1"	24	41	-
026677	AX010 41 41	G1 1/4"	24	50	-
026678	AX010 21 21	G1 1/2"	24	55	-
026679	AX010 02 02	G2"	26	68	-
026680	AX010 22 22	G2 1/2"	30	84	-
026681	AX010 03 03	G3"	30	98	-

5 - STAINLESS STEEL COMPONENTS

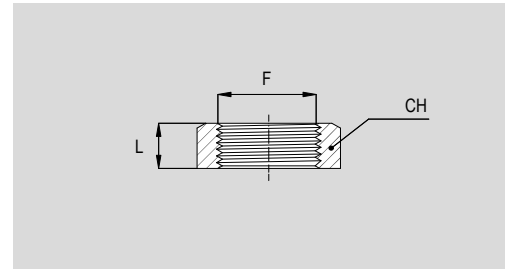
Stainless Steel standard fittings

Series AX



Main features

Type	Description
AX013	Nut. In AISI 316 Stainless Steel.

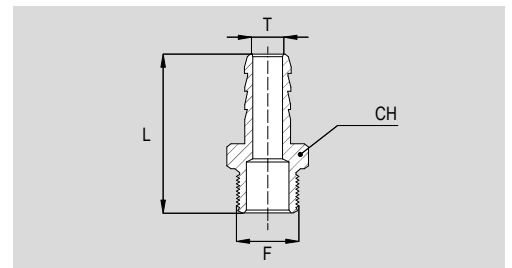


Dimensions

Code	Item	F (Thread)	L	CH	Weight (g)
026641	AX013 18 18	G1/8"	6	19	-
026642	AX013 14 14	G1/4"	6	22	-
026643	AX013 38 38	G3/8"	7	27	-
026644	AX013 12 12	G1/2"	8	32	-
026645	AX013 34 34	G3/4"	9	36	-
026646	AX013 01 01	G1"	10	46	-
026647	AX013 41 41	G1 1/4"	11	55	-
026648	AX013 21 21	G1 1/2"	12	60	-
026649	AX013 02 02	G2"	13	75	-
026650	AX013 22 22	G2 1/2"	16	95	-
026651	AX013 03 03	G3"	19	105	-

Main features

Type	Description
AX015	BSPT hose adapter. In AISI 316 Stainless Steel.



Dimensions

Code	Item	T (ØTube)	F (Thread)	L	CH	Weight (g)
026711	AX015 07 18	7	R1/8"	30	13	-
026712	AX015 09 14	8	R1/4"	44	15	-
026713	AX015 11 38	10	R3/8"	50	19	-
026714	AX015 15 12	14,5	R1/2"	52	24	-
026715	AX015 21 34	20	R3/4"	60	28	-
026716	AX015 27 01	25	R1"	70	35	-
026717	AX015 34 41	32	R1 1/4"	70	45	-
026718	AX015 40 21	40	R1 1/2"	80	50	-
026719	AX015 52 02	52	R2"	88	62	-

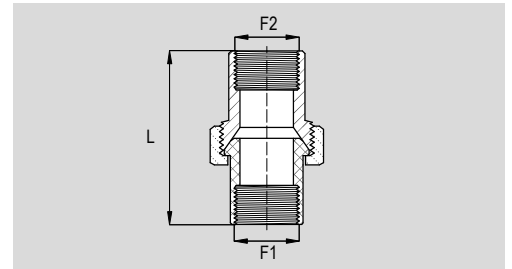
Stainless Steel standard fittings

Series AX



Main features

Type	Description
AX032	BSP F/F union. In AISI 316 Stainless Steel.

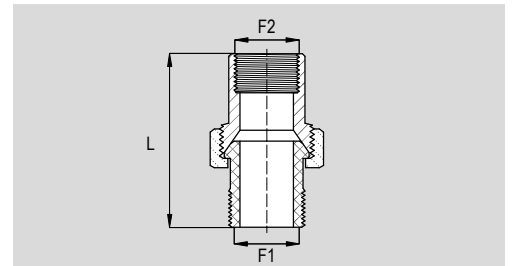


Dimensions

Code	Item	F1 (Thread 1)	F2 (Thread 2)	L	Weight (g)
026741	AX032 18 18	G1/8"	G1/8"	30	-
026742	AX032 14 14	G1/4"	G1/4"	34	-
026743	AX032 38 38	G3/8"	G3/8"	38	-
026744	AX032 12 12	G1/2"	G1/2"	41	-
026745	AX032 34 34	G3/4"	G3/4"	48	-
026746	AX032 01 01	G1"	G1"	52	-
026747	AX032 41 41	G1 1/4"	G1 1/4"	54	-
026748	AX032 21 21	G1 1/2"	G1 1/2"	59	-
026749	AX032 02 02	G2"	G2"	67	-
026750	AX032 22 22	G2 1/2"	G2 1/2"	78	-
026751	AX032 03 03	G3"	G3"	94	-

Main features

Type	Description
AX033	M/F union. In AISI 316 Stainless Steel.



Dimensions

Code	Item	F1 (Thread 1)	F2 (Thread 2)	CH	Weight (g)
026801	AX033 18 18	R1/8"	G1/8"	42	-
026802	AX033 14 14	R1/4"	G1/4"	42	-
026803	AX033 38 38	R3/8"	G3/8"	49	-
026804	AX033 12 12	R1/2"	G1/2"	56	-
026805	AX033 34 34	R3/4"	G3/4"	63	-
026806	AX033 01 01	R1"	G1"	69	-
026807	AX033 41 41	R1 1/4"	G1 1/4"	74	-
026808	AX033 21 21	R1 1/2"	G1 1/2"	84	-
026809	AX033 02 02	R2"	G2"	102	-

5 - STAINLESS STEEL COMPONENTS

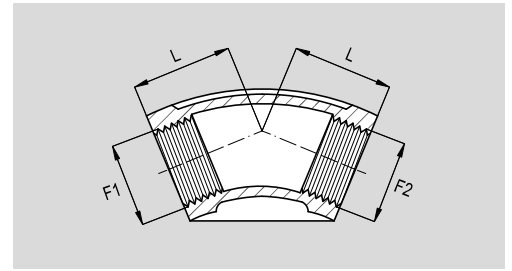
Stainless Steel standard fittings

Series AX



Main features

Type	Description
AX034	BSP 45° F/F elbow. In AISI 316 Stainless Steel.

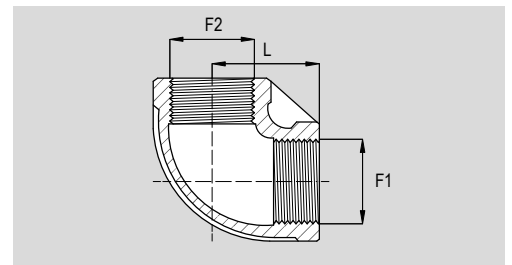


Dimensions

Code	Item	F1 (Thread 1)	F2 (Thread 2)	L	Weight (g)
026311	AX034 18 18	G1/8"	G1/8"	17	-
026312	AX034 14 14	G1/4"	G1/4"	19	-
026313	AX034 38 38	G3/8"	G3/8"	20	-
026314	AX034 12 12	G1/2"	G1/2"	22	-
026315	AX034 34 34	G3/4"	G3/4"	25	-
026316	AX034 01 01	G1"	G1"	28	-
026317	AX034 41 41	G1 1/4"	G1 1/4"	33	-
026318	AX034 21 21	G1 1/2"	G1 1/2"	36	-
026319	AX034 02 02	G2"	G2"	43	-
026320	AX034 22 22	G2 1/2"	G2 1/2"	50	-
026321	AX034 03 03	G3"	G3"	56	-

Main features

Type	Description
AX021	F/F elbow. In AISI 316 Stainless Steel.



Dimensions

Code	Item	F1 (Thread 1)	F2 (Thread 2)	L	Weight (g)
026291	AX021 18 18	G1/8"	G1/8"	19	-
026292	AX021 14 14	G1/4"	G1/4"	21	-
026293	AX021 38 38	G3/8"	G3/8"	25	-
026294	AX021 12 12	G1/2"	G1/2"	28	-
026295	AX021 34 34	G3/4"	G3/4"	33	-
026296	AX021 01 01	G1"	G1"	38	-
026297	AX021 41 41	G1 1/4"	G1 1/4"	45	-
026298	AX021 21 21	G1 1/2"	G1 1/2"	50	-
026299	AX021 02 02	G2"	G2"	58	-
026300	AX021 22 22	G2 1/2"	G2 1/2"	75	-
026301	AX021 03 03	G3"	G3"	85	-

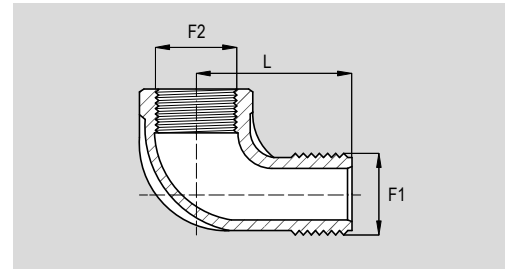
Stainless Steel standard fittings

Series AX



Main features

Type	Description
AX022	M/F elbow. In AISI 316 Stainless Steel.

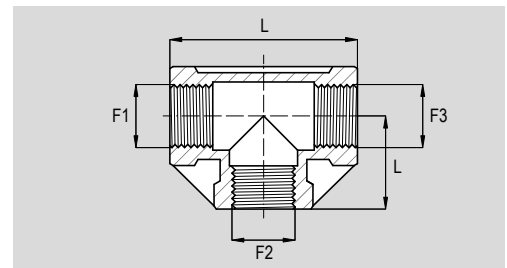


Dimensions

Code	Item	F1 (Thread 1)	F2 (Thread 2)	L	Weight (g)
026391	AX022 18 18	R1/8"	G1/8"	20	-
026392	AX022 14 14	R1/4"	G1/4"	20	-
026393	AX022 38 38	R3/8"	G3/8"	24	-
026394	AX022 12 12	R1/2"	G1/2"	28	-
026395	AX022 34 34	R3/4"	G3/4"	33	-
026396	AX022 01 01	R1"	G1"	38	-
026397	AX022 41 41	R1 1/4"	G1 1/4"	-	-
026398	AX022 21 21	R1 1/2"	G1 1/2"	-	-
026399	AX022 02 02	R2"	G2"	-	-
026400	AX022 22 22	R2 1/2"	G2 1/2"	-	-
026401	AX022 03 03	R3"	G3"	-	-

Main features

Type	Description
AX023	F/F/F tee. In AISI 316 Stainless Steel.



Dimensions

Code	Item	F1 (Thread 1)	F2 (Thread 2)	F3 (Thread 3)	L	Weight (g)
026421	AX023 18 18	G1/8"	G1/8"	G1/8"	19	-
026422	AX023 14 14	G1/4"	G1/4"	G1/4"	21	-
026423	AX023 38 38	G3/8"	G3/8"	G3/8"	25	-
026424	AX023 12 12	G1/2"	G1/2"	G1/2"	28	-
026425	AX023 34 34	G3/4"	G3/4"	G3/4"	33	-
026426	AX023 01 01	G1"	G1"	G1"	38	-
026427	AX023 41 41	G1 1/4"	G1 1/4"	G1 1/4"	45	-
026428	AX023 21 21	G1 1/2"	G1 1/2"	G1 1/2"	50	-
026429	AX023 02 02	G2"	G2"	G2"	58	-
026430	AX023 22 22	G2 1/2"	G2 1/2"	G2 1/2"	75	-
026431	AX023 03 03	G3"	G3"	G3"	85	-

5 - STAINLESS STEEL COMPONENTS

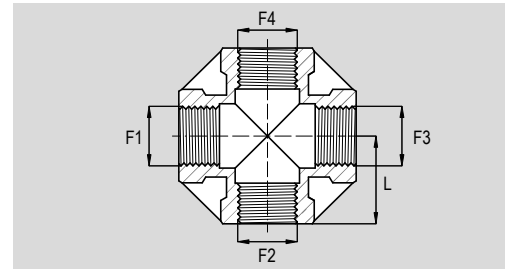
Stainless Steel standard fittings

Series AX



Main features

Type	Description
AX026	F/F/F/F +. In AISI 316 Stainless Steel.



Dimensions

Code	Item	F1 (Thread 1)	F2 (Thread 2)	F2 (Thread 3)	F2 (Thread 4)	L	Weight (g)
026481	AX026 18 18	G1/8"	G1/8"	G1/8"	G1/8"	20	-
026482	AX026 14 14	G1/4"	G1/4"	G1/4"	G1/4"	24	-
026483	AX026 38 38	G3/8"	G3/8"	G3/8"	G3/8"	24	-
026484	AX026 12 12	G1/2"	G1/2"	G1/2"	G1/2"	28	-
026485	AX026 34 34	G3/4"	G3/4"	G3/4"	G3/4"	33	-
026486	AX026 01 01	G1"	G1"	G1"	G1"	38	-
026487	AX026 41 41	G1 1/4"	G1 1/4"	G1 1/4"	G1 1/4"	45	-
026488	AX026 21 21	G1 1/2"	G1 1/2"	G1 1/2"	G1 1/2"	49	-
026489	AX026 02 02	G2"	G2"	G2"	G2"	57	-

STAINLESS STEEL

quick-lock couplings



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Stainless Steel quick-lock couplings. Available in versions double shut off conforming to ISO ISO 7241-1 "A" standards, double shut off flat face conforming to ISO 16028 standards, in-line and 90° rotary joints, with different threads. Supplied conforming to Reach and RoHS directives.

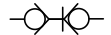


Series GXA

from page 5.321.1



Series of stainless steel double shut off quick-lock couplings conforming to ISO 7241-1 "A" standards. Suitable for use in aggressive environments. The tightness of the coupling connection with the plug is ensured by a series of spheres that allow a longer lifetime, even when connections and disconnections are frequent. Available in sizes from 1/4" to 1".



Series GXF

from page 5.322.1



Series of stainless steel double shut off flat face quick-lock couplings conforming to ISO 16028 standards, leak-free at the moment of disconnection. Suitable for use in aggressive environments, and in general in all those applications where it is important that there is no fluid leaking. The tightness of the coupling connection with the plug is ensured by a series of spheres that allow a longer lifetime, even when connections and disconnections are frequent. Available in size from 1/4" to 1 1/4".



Series GGLX

from page 5.326.1



Series of stainless in-line rotary joints. Configuration M/F. Used in the connection of two rotating elements, avoiding twisting. Available in size from 1/4" to 2".

Series GGAX

from page 5.327.1



Series of stainless 90° rotary joints. Configuration M/F. Used in the connection of two rotating elements, avoiding twisting. Available in size from 1/4" to 2".

Stainless Steel quick-lock couplings

Stainless Steel quick-lock couplings, series GXA



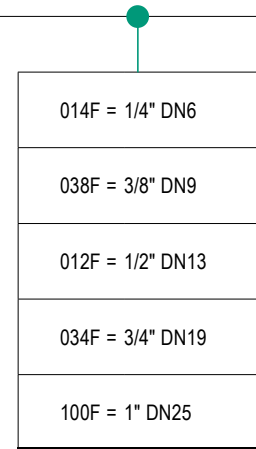
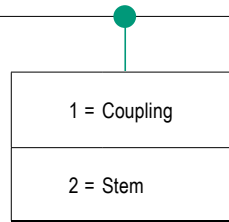
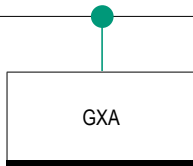
Main features

Series	Description	Symbol	Compliance
GXA	Double shut off quick-lock couplings. Sizes from 1/4" to 1". In AISI 316 Stainless Steel.		 7241-1 A

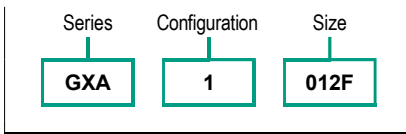


Code key

Series	Configuration	Size
GXA	1	012F



How to order



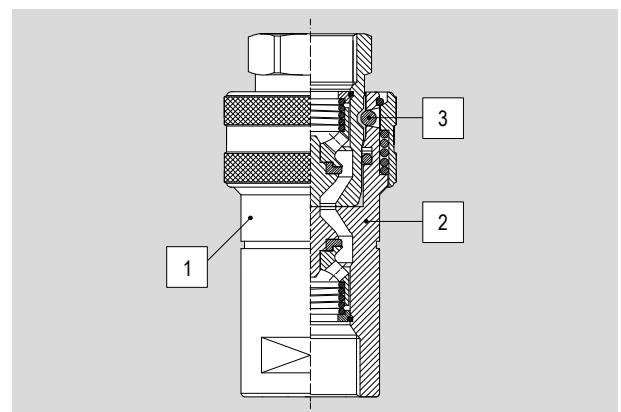
Notes

The options in the same grid are alternative to each others.
For standard materials see the table below.
For different configurations and dimensions see page 5.321.2

Technical data

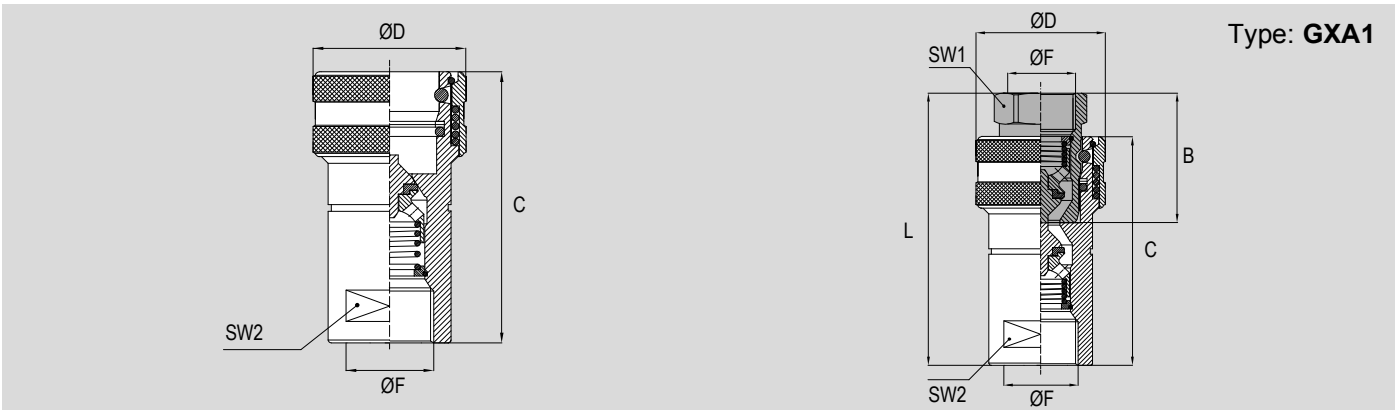
Series	GXA				
Size	1/4"	3/8"	1/2"	3/4"	1"
	DN6	DN9	DN13	DN19	DN25
Pressure range	300 bar	250 bar			200 bar
Fluid	Compressed air, gases, acids and fluids				
Temperature range	-20°C ÷ +150°C				
Parallel threads	UNI - ISO 228/1 (BSP)				

Standard materials



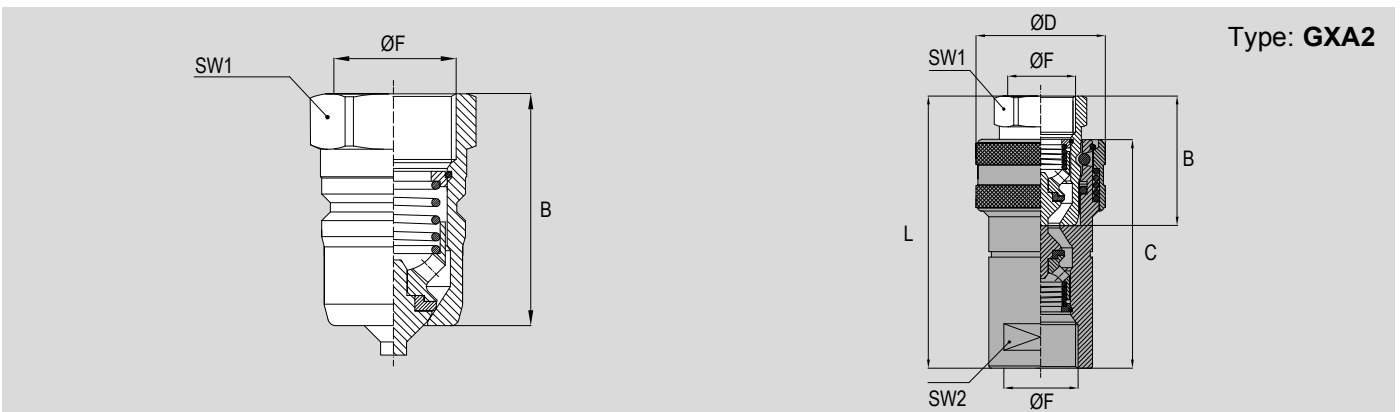
Position	Description	Material
1	Body	Stainless Steel AISI 316
2	Internal parts	Stainless Steel AISI 316
3	Seals	FKM

Standard dimensions



Code	Item	ØF (size)		B	C	ØD	L	SW1	SW2
570836	GXA1014F	G1/4"	DN 6	34	50	26	70	19	19
570838	GXA1038F	G3/8"	DN 9	40	57	30	80	22	22
570840	GXA1012F	G1/2"	DN 13	46	70	38	95	27	27
570842	GXA1034F	G3/4"	DN 19	53,5	81	48	108	32	34
570844	GXA1100F	G1"	DN 25	63	96	54	126	41	38

Standard dimensions



Code	Item	ØF (size)		B	C	ØD	L	SW1	SW2
570837	GXA2014F	G1/4"	DN 6	34	50	26	70	19	19
570839	GXA2038F	G3/8"	DN 9	40	57	30	80	22	22
570841	GXA2012F	G1/2"	DN 13	46	70	38	95	27	27
570843	GXA2034F	G3/4"	DN 19	53,5	81	48	108	32	34
570845	GXA2100F	G1"	DN 25	63	96	54	126	41	38

Stainless Steel quick-lock couplings

Stainless Steel quick-lock couplings, series GXF

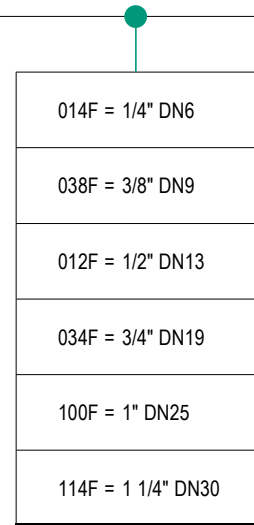
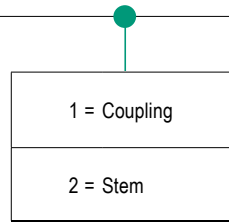
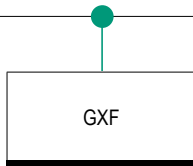


Main features

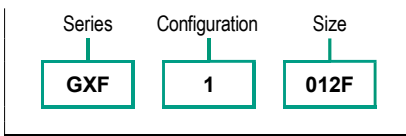
Series	Description	Symbol	Compliance
GXF	Double shut off flat face quick-lock couplings, leak-free at the moment of disconnection. Sizes from 1/4" to 1 1/4". In AISI 316 Stainless Steel.		

Code key

Series	Configuration	Size
GXF	1	012F



How to order



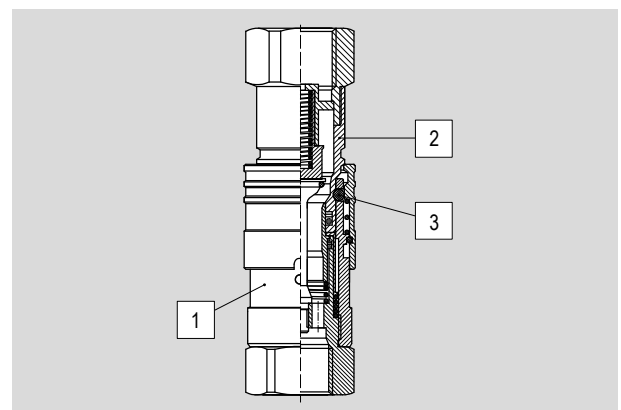
Notes

The options in the same grid are alternative to each others.
For standard materials see the table below.
For different configurations and dimensions see page 5.322.2

Technical data

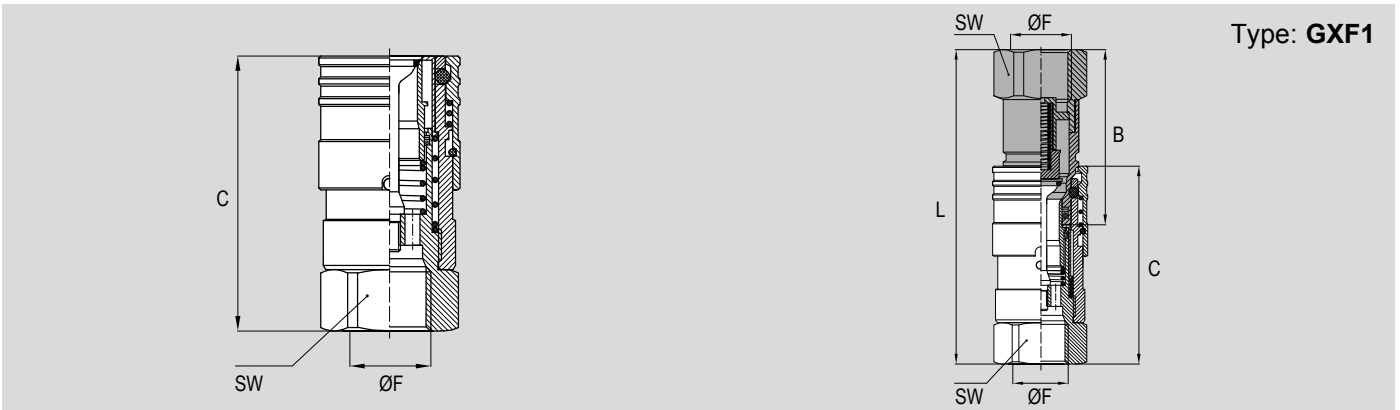
Series	GXF					
Size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"
	DN6	DN9	DN13	DN19	DN25	DN30
Pressure range	300 bar	250 bar		200 bar	150 bar	100 bar
Fluid	Compressed air, gases, acids and fluids					
Temperature range	-20°C ÷ +150°C					
Parallel threads	UNI - ISO 228/1 (BSP)					

Standard materials



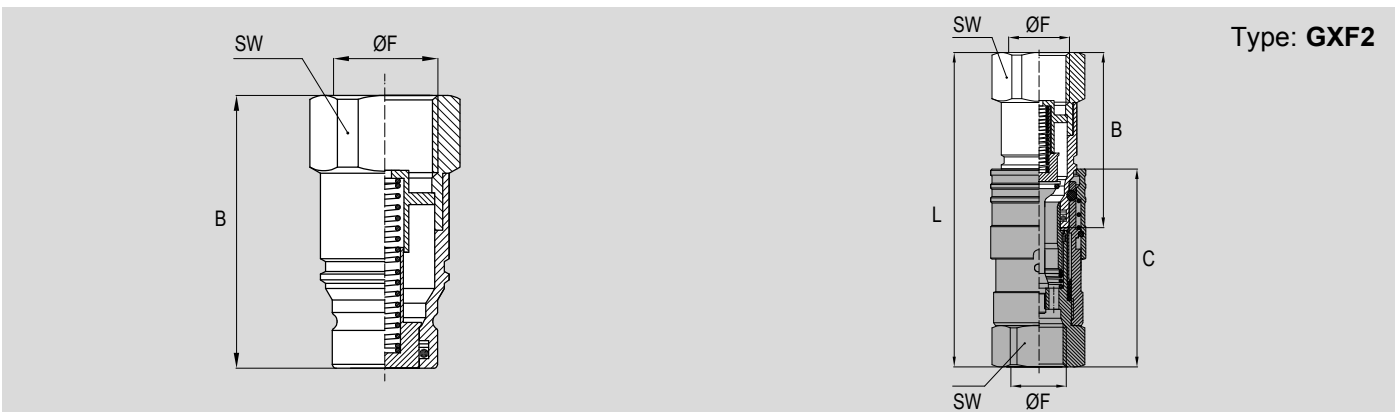
Position	Description	Material
1	Body	Stainless Steel AISI 316
2	Internal parts	Stainless Steel AISI 316
3	Seals	FKM

Standard dimensions



Code	Item	ØF (size)		B	C	L	SW
570846	GXF1014F	G1/4"	DN 6	48	48	86	22
570848	GXF1038F	G3/8"	DN 9	67	68	118	27
570850	GXF1012F	G1/2"	DN 13	68	74	125	32
570852	GXF1034F	G3/4"	DN 19	70	79	130	36
570854	GXF1100F	G1"	DN 25	82	93	153	45
570856	GXF1114F	G1 1/4"	DN 30	90	106	172,5	55

Standard dimensions



Code	Item	ØF (size)		B	C	L	SW
570847	GXF2014F	G1/4"	DN 6	48	48	86	22
570849	GXF2038F	G3/8"	DN 9	67	68	118	27
570851	GXF2012F	G1/2"	DN 13	68	74	125	32
570853	GXF2034F	G3/4"	DN 19	70	79	130	36
570855	GXF2100F	G1"	DN 25	82	93	153	45
570857	GXF2114F	G1 1/4"	DN 30	90	106	172,5	55

Stainless Steel quick-lock couplings

Stainless Steel in-line rotary joints, series GGLX



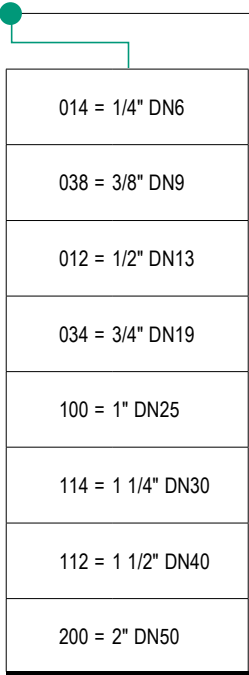
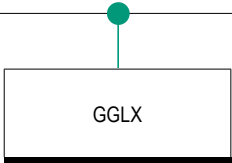
Main features

Series	Description
GGLX	In-line rotary joints in configuration M/F. Sizes from 1/4" to 2". In AISI 316 Stainless Steel.

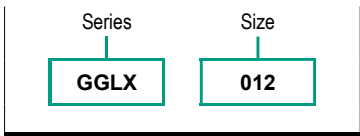


Code key

Series	Size
GGLX	012



How to order



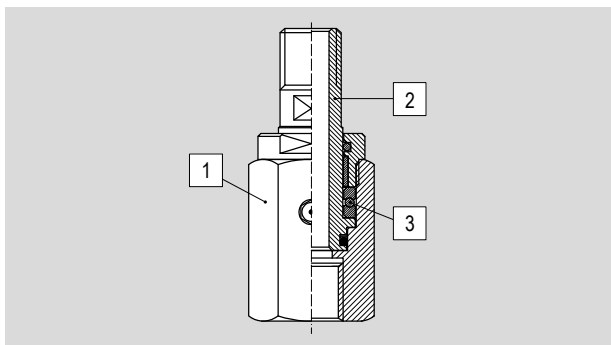
Notes

The options in the same grid are alternative to each others.
For standard materials see the table below.
For dimensions see page 5.326.2

Technical data

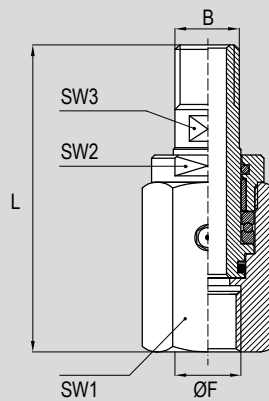
Series	GGLX							
Size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	DN6	DN9	DN13	DN19	DN25	DN30	DN40	DN50
Pressure range	300 bar			250 bar		180 bar	150 bar	
Fluid	Compressed air, gases, acids and fluids							
Temperature range	-20°C ÷ +150°C							
Configuration	Male/Female							
Rotation speed	10 turns/minute (maximum)							
Parallel threads	UNI - ISO 228/1 (BSP)							

Standard materials



Position	Description	Material
1	Body	Stainless Steel AISI 316
2	Internal parts	Stainless Steel AISI 316
3	Seals	FKM

Standard dimensions



Type: **GGLX**

Code	Item	ØF (size)		B	L	SW1	SW2	SW3
570858	GGLX014	G1/4"	DN6	G1/4"	75	27	24	11
570859	GGLX038	G3/8"	DN9	G3/8"	88	34	30	14
570860	GGLX012	G1/2"	DN13	G1/2"	101	36	32	18
570861	GGLX034	G3/4"	DN19	G3/4"	110	46	40	24
570862	GGLX100	G1"	DN25	G1"	124	55	50	30
570863	GGLX114	G1 1/4"	DN30	G1 1/4"	129	60	55	38
570864	GGLX112	G1 1/2"	DN40	G1 1/2"	138	75	69	41
570865	GGLX200	G2"	DN50	G2"	149	85	80	55

Stainless Steel quick-lock couplings

Stainless Steel 90° rotary joints, series GGAX

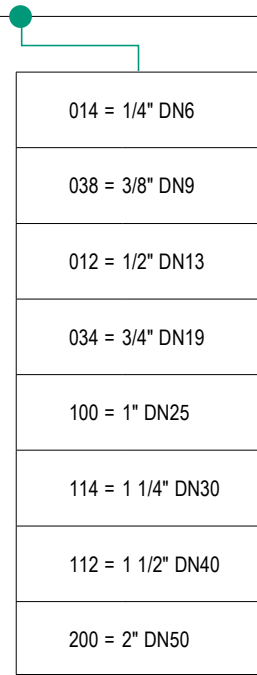
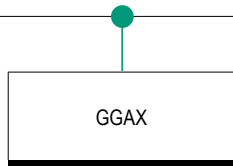


Main features

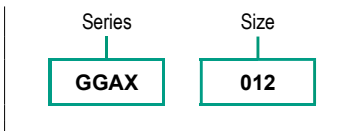
Series	Description
GGAX	90° rotary joints in configuration M/F. Size from 1/4" to 2". In AISI 316 Stainless Steel.

Code key

Series	Size
GGAX	012



How to order



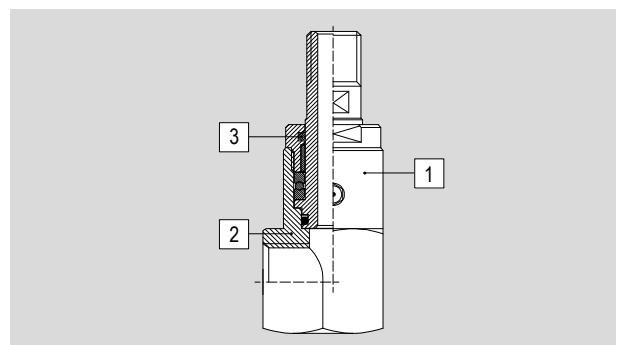
Notes

The options in the same grid are alternative to each others.
For standard materials see the table below.
For dimensions see page 5.327.2

Technical data

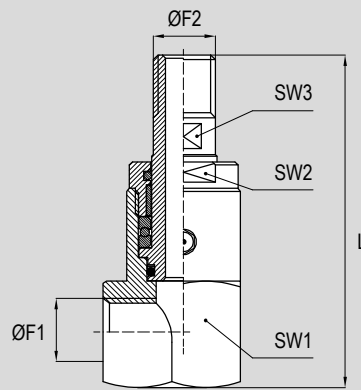
Series	GGAX							
Size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
	DN6	DN9	DN13	DN19	DN25	DN30	DN40	DN50
Pressure range	350 bar	300 bar		250 bar		180 bar	150 bar	
Fluid	Compressed air, gases, acids and fluids							
Temperature range	-20°C ÷ +150°C							
Configuration	Male/Female							
Rotation speed	10 turns/minute (maximum)							
Parallel threads	UNI - ISO 228/1 (BSP)							

Standard materials



Position	Description	Material
1	Body	Stainless Steel AISI 316
2	Internal parts	Stainless Steel AISI 316
3	Seals	FKM

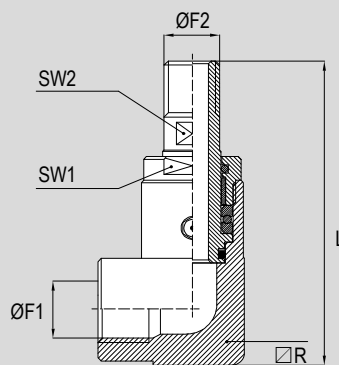
Standard dimensions



Type: **GGAX**
1/4"±1"

Code	Item	ØF1 (size)		ØF2	L	SW1	SW2	SW3
570866	GGAX014	G1/4"	DN6	G1/4"	78	32	21	11
570867	GGAX038	G3/8"	DN9	G3/8"	98	36	27	14
570868	GGAX012	G1/2"	DN13	G1/2"	106	46	32	18
570869	GGAX034	G3/4"	DN19	G3/4"	118	50	37	24
570870	GGAX100	G1"	DN25	G1"	142	60	46	30

Standard dimensions



Type: **GGAX**
1 1/4"±2"

Code	Item	ØF1 (size)		ØF2	L	SW1	SW2	□R
570871	GGAX114	G1 1/4"	DN30	G1 1/4"	155	55	38	60
570872	GGAX112	G1 1/2"	DN40	G1 1/2"	170	70	41	75
570873	GGAX200	G2"	DN50	G2"	190	80	55	85

STAINLESS STEEL

air-reservoirs



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Stainless Steel air-reservoirs for compressed air and accessories, built according to 2014/68/EU Directive in the field of pressure equipment. Supplied as standard in compliance to Reach and RoHS directives. On request, can be supplied according to 2014/34/EU ATEX Directive.



Series SBCX

from page 5.350.10



Series of stainless steel air-reservoirs for compressed air, available in sizes from 5 lt. to 24 lt.



Stainless Steel air-reservoirs

Series SBCX



Code key

Size	Series	Ports	/	ATEX version ⁽¹⁾
12	SBCX	4	/	
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">5 = 5 lt.</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">12 = 12 lt.</div> <div style="border: 1px solid black; padding: 5px;">24 = 24 lt.</div>	SBCX	4 = 4 connections		ATEX II 2G Ex h IIC TX Gb II 2D Ex h IIC TX°C Db

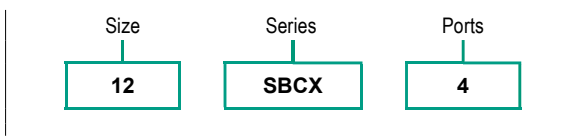
Notes

For standard materials see the table below.

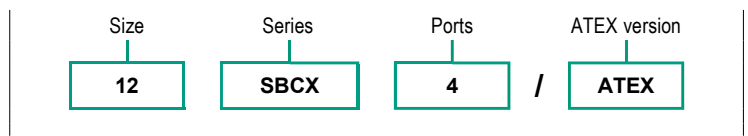
(1) For ATEX versions, please consider that one connection is necessarily used for grounding. For further information on the ATEX 2014/34/EU Directive, on classifications and protections, see from page III.1

Warning: for safety use of air-reservoirs strictly follow the user manual provided with each product.

How to order



How to order versione ATEX



Main features

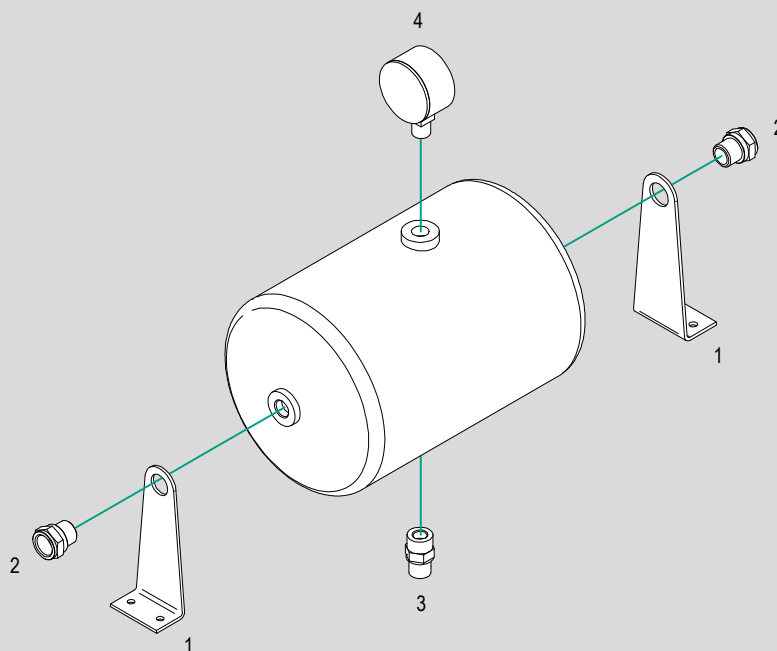
Series	SBCX
Fluid	Compressed air
Pressure range	11 bar
Pressure range (hydrostatic test)	16,5 bar
Temperature range	-40°C ÷ +50°C
Parallel threads	UNI - ISO 228/1 (BSP)
Capacity	5 lt. ÷ 24 lt.
Ports number	4
Tolerance on dimensions*	±5 mm

Standard materials

Series	SBCX
Bottom	Stainless Steel AISI 304
Shell	Stainless Steel AISI 304
Socket joint	Stainless Steel AISI 304
External treatment	Polishing

*For dimensions see from page 5.350.13

Accessories



N.	Item	Description	Compliance	Matching		Code key and data sheet page
				5SBCX - 12SBCX	24SBCX	
1	STSBX	Mounting bracket	-	●	-	5.350.50
2	AX0041212	Bracket-tank connecting fitting	-	●	●	
3	AX..	Standard fitting	-	●	●	5.308.1
4	M..	Pressure-gauge	-	●	●	3.30.1

Key







● matching accessory; - not matching accessory

Stainless Steel air-reservoirs

Series SBCX



Stainless Steel air-reservoirs series SBCX

Series		Compliance	Symbol	Capacity	Parallel threads (BSP)	Ports	Data sheet and code page
						4	
5SBCX		Directive 2014/68/EU		5 lt.	1/2"	●	5.35.13
12SBCX		Directive 2014/68/EU		12 lt.	1/2"	●	5.35.14
24SBCX		Directive 2014/68/EU		24 lt.	1/2"	●	5.35.15

Key

- allowed matching; - not allowed matching

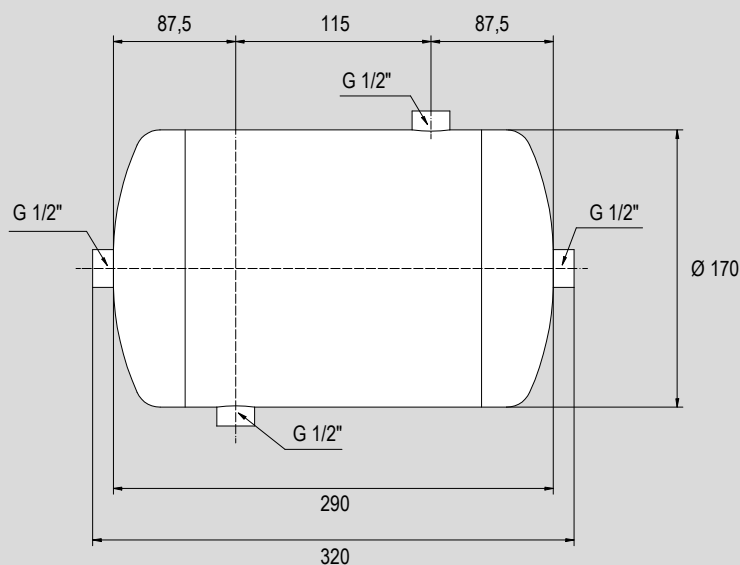
Main features

Version	Symbol	Code	Item
Stainless Steel AISI 304 polished air-reservoir, built according 2014/68/EU Directive. Capacity 5 lt., with 4 ports.		050612	5SBCX4

5 lt.

Dimensions

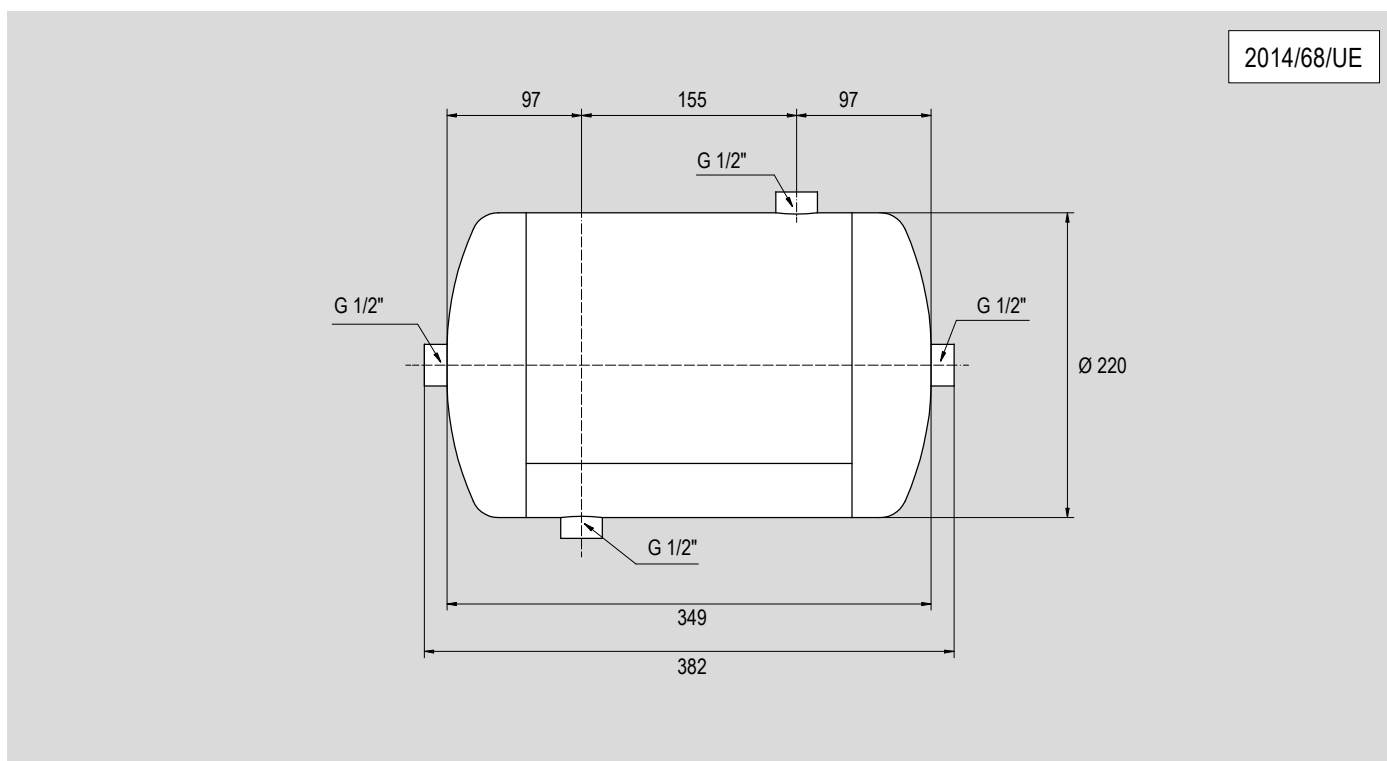
2014/68/UE



Main features

Version	Symbol	Code	Item
Stainless Steel AISI 304 polished air-reservoir, built according 2014/68/EU Directive. Capacity 12 lt., with 4 ports.		050613	12SBCX4
			12 lt.

Dimensions



Stainless Steel air-reservoirs

Series SBCX - 24 lt.



Main features

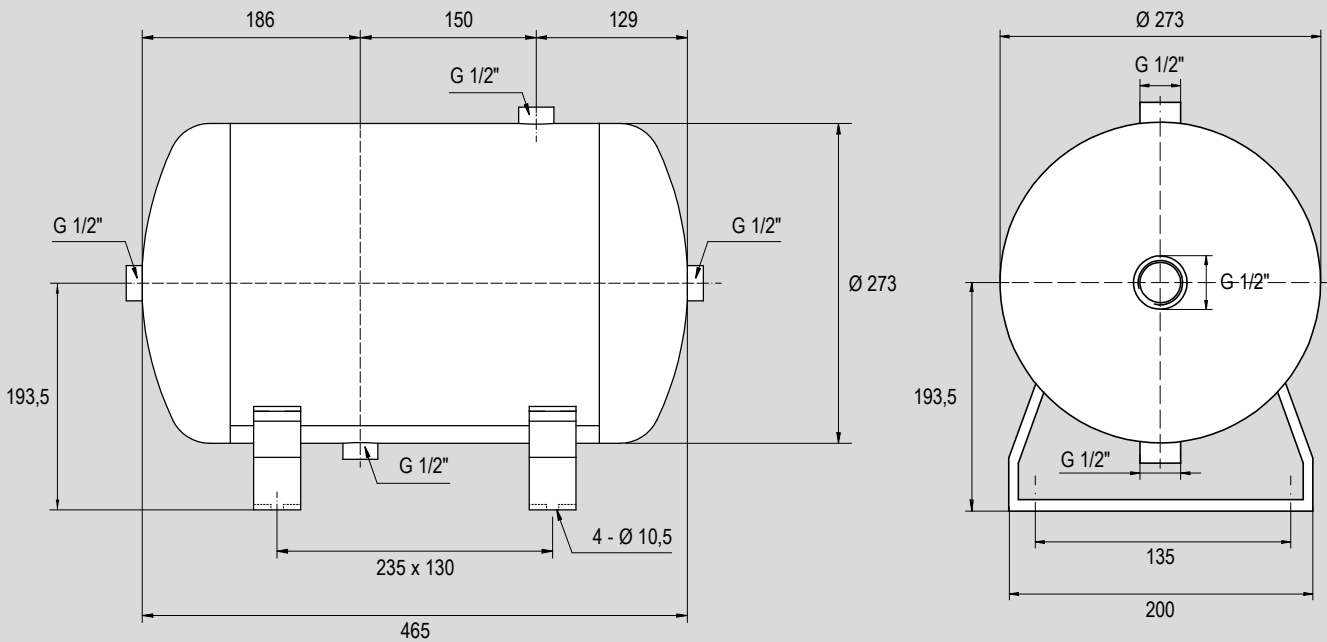
Version	Symbol	Code	Item
Stainless Steel AISI 304 polished air-reservoir, built according 2014/68/EU Directive. Capacity 24 lt., with 4 ports.		050614	24SBCX4



24 lt.

Dimensions

2014/68/UE



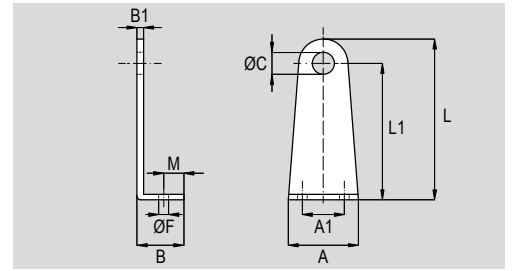
Stainless Steel air-reservoirs

Accessories for stainless steel air-reservoirs



Main features

Type	Description
STSBX	Mounting bracket in AISI 304 Stainless Steel. Mounting the bracket to the air-reservoir require the fitting type AX004, to be ordered separately, see below.

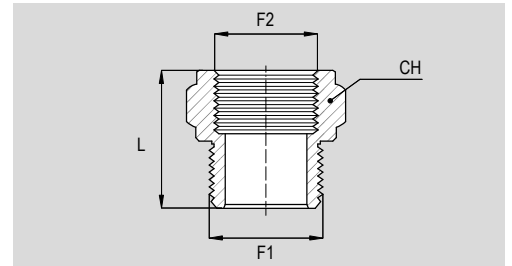


Dimensions

Code	Item	A	A1	B	B1	ØC	ØF	L	L1	M	Weight (g)
050628	STSBX	59	37	36	3	21	7	150	132	15,5	-

Main features

Type	Description
AX004	Bracket/Air-reservoir connecting fitting in AISI 316 Stainless Steel. For further information see from page 5.308.1

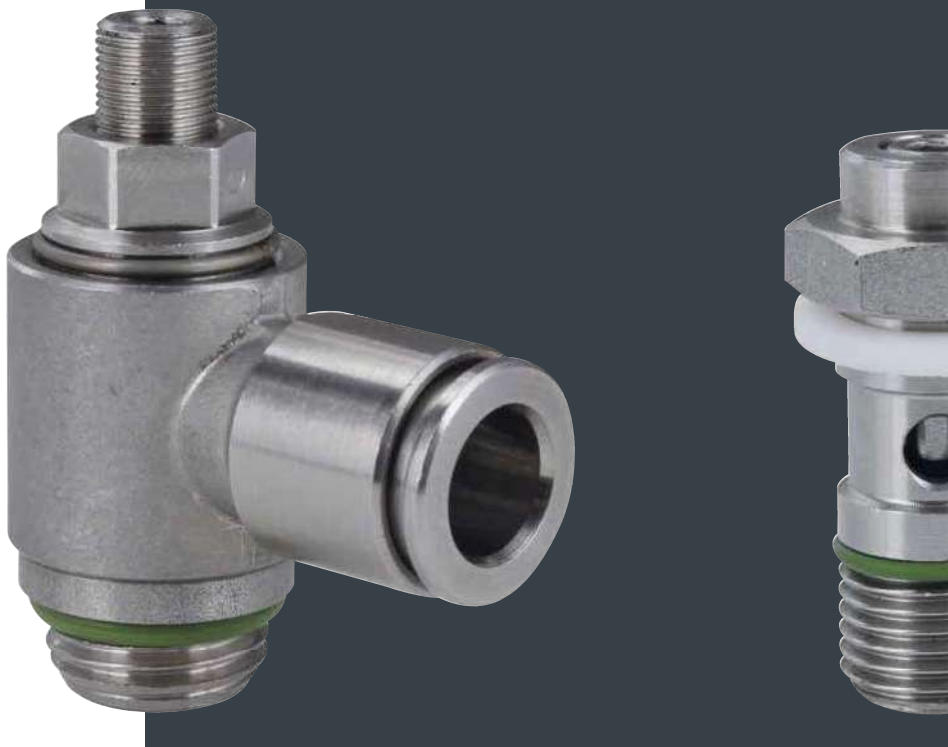


Dimensions

Code	Item	F1 (Thread 1)	F2 (Thread 2)	L	CH	Weight (g)
026259	AX004 12 12	R1/2"	G1/2"	40	24	-

STAINLESS STEEL

flow and exhaust regulators



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Stainless Steel flow and exhaust regulators. Available in different functions, versions and threads. Supplied conforming to Reach and RoHS directives. Lubricated with synthetic grease long lasting, fully composed by non-toxic elements conforming to FDA Directive section 21 CFR 178 about accidental contact with food (registered NSF H1).



Stainless Steel in-line flow regulators

from page 5.371.1



Series of stainless steel in-line flow regulators, available with uni-directional or bi-directional regulation.



Stainless Steel flow regulators

from page 5.372.1



Series of stainless steel flow regulators, generally directly mounted on cylinder connections to control translation speed. Available in different functions: uni-directional with "out" adjustment, uni-directional with "in" adjustment and bi-directional with adjustment in both the directions. Use of two uni-directional "out" adjustment regulators is recommended for the accurate control of the cylinder speed, as they act on the outgoing flow of the cylinder chambers, and don't interfere with the incoming flow to the chambers.

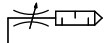


Stainless Steel silenced restrictors

from page 5.375.1



Series of stainless steel silenced exhaust restrictors, generally used to decrease the speed and thus the translation speed of the cylinders, are usually mounted on power valve outlets or quick exhaust valves. The main feature of these regulators is to include two functions in one component: flow regulation and silencing.





Code key

Series	Type	Thread 1	Thread 2
VX	52	18	18
VX	52 53	18 = 1/8" 14 = 1/4" 38 = 3/8" 12 = 1/2"	

How to order

Series	Type	Thread	Thread
VX	52	18	18

Notes

For standard materials see the table below.
For specific type see the following pages.

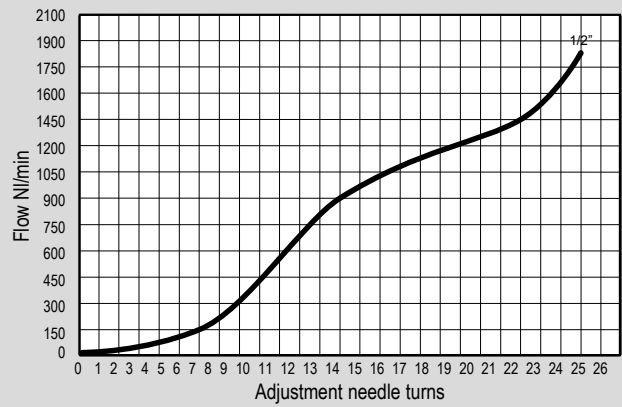
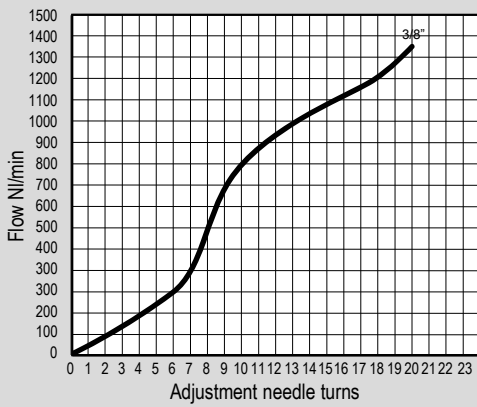
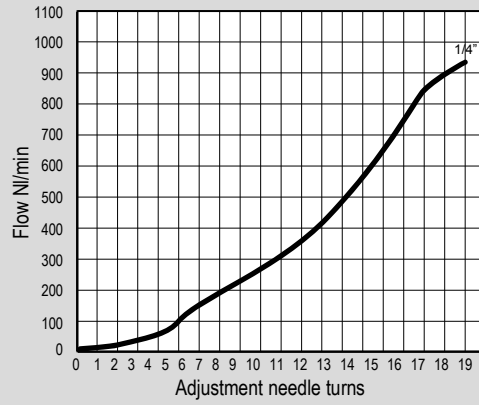
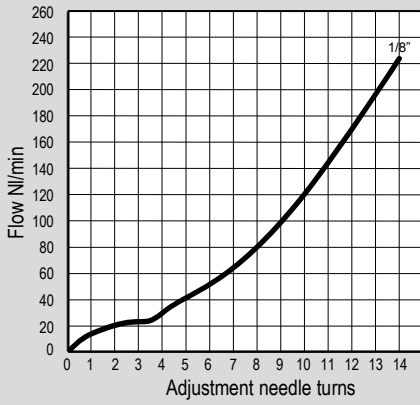
Technical data

Type	VX52	VX53
Fluid	Filtered compressed air with or without lubrication	
Pressure range	0,5 ÷ 10 bar	
Temperature range	-20°C ÷ +150°C	
Parallel threads	UNI - ISO 228 / 1 (BSP)	

Standard materials

Type	VX52	VX53
Body	Stainless Steel AISI 316 L	
Adjustment needle	Stainless Steel AISI 316 L	
Regulator	Stainless Steel AISI 316 L	
Knob	Stainless Steel AISI 316 L	
Nut	Stainless Steel AISI 316 L	
Seals	FKM	

Type: **VX52 - VX53**



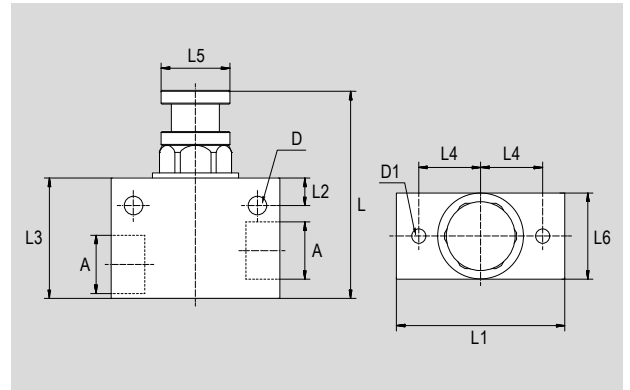
Stainless Steel flow and exhaust regulators

Stainless Steel in-line flow regulators



Main features

Type	Description	Function
VX52	Stainless Steel in-line uni-directional flow regulators. With female-female threads.	
VX53	Stainless Steel in-line bi-directional flow regulators. With female-female threads.	



Dimensions

Code	Item	Symbol (Function)	A	L _{min}	L _{max}	L1	L2	L3	L4	L5	L6	ØD	D1	Weight (g)
030155	VX521818	 (uni-directional)	G1/8"	49	54	40	8	30	15	20	20	5,4	M5	178
030156	VX521414		G1/4"	49	54	40	8	30	15	20	20	5,4	M5	168
030146	VX523838		G3/8"	57	66	49	8	35	18	20	25	5,4	M5	310
030147	VX521212		G1/2"	57	66	49	8	35	18	20	25	5,4	M5	305
030157	VX531818	 (bi-directional)	G1/8"	49	54	40	8	30	15	20	20	5,4	M5	178
030158	VX531414		G1/4"	49	54	40	8	30	15	20	20	5,4	M5	168
030144	VX533838		G3/8"	57	66	49	8	35	18	20	25	5,4	M5	310
030148	VX531212		G1/2"	57	66	49	8	35	18	20	25	5,4	M5	305

Stainless Steel flow and exhaust regulators

Stainless Steel flow regulators



Code key

Series	Type ⁽¹⁾	Tube ⁽¹⁾	Thread ⁽¹⁾	Function ⁽²⁾
VX	18	06	18	C
VX	15, 18	04 = Ø 4 06 = Ø 6 08 = Ø 8 10 = Ø 10	18 = 1/8" 14 = 1/4" 38 = 3/8"	C = "Out" adjustment (For cylinders) V = "In" adjustment (For valves) B = Bi-directional adjustment

How to order

Series	Type	Tube	Thread	Function
VX	18	06	18	C

Notes

The options in the same grid are alternative to each others. For standard materials see the table below.
 (1) For matching between flow regulator types, tube diameters and threads, see the table on page 5.372.3; for specific type see the following pages.
 (2) For the function differences see table at page 5.372.2

Technical data

Type	VX15	VX18
Fluid	Filtered compressed air with or without lubrication	
Pressure range	0 ÷ 10 bar	
Temperature range	-20°C ÷ +150°C	
Flow	See page 5.372.2	
Parallel threads	UNI - ISO 228 / 1 (BSP)	
Tubes	PVDF, PTFE	
Tubes tolerance	± 0,07 mm	

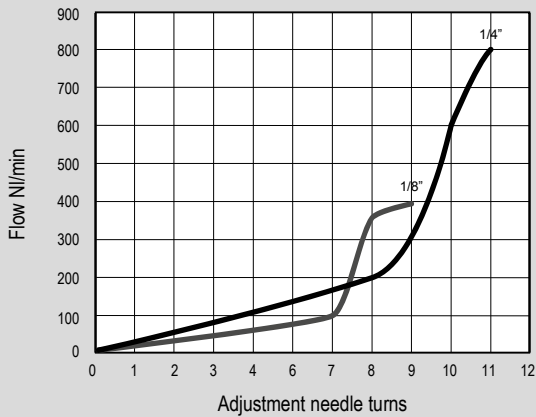
Standard materials

Type	VX15	VX18
Body	Stainless Steel AISI 316L	
Adjustment needle	Stainless Steel AISI 316L	
Bush	Stainless Steel AISI 316L	
Fitting	-	series RX (see page 5.302.10)
Washer	PTFE	-
Seals	FKM	

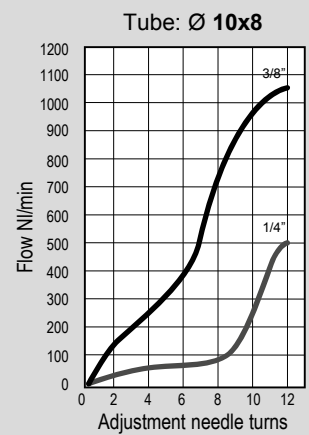
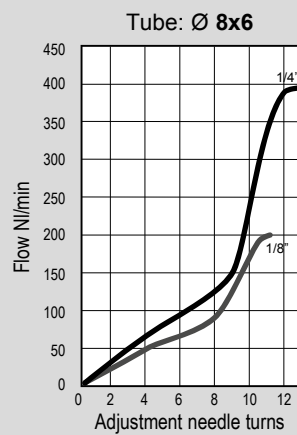
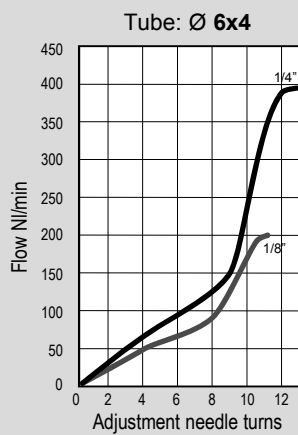
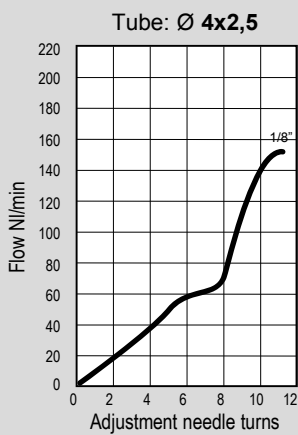
Flow diagram

P = 6 bar, with ΔP 1 bar

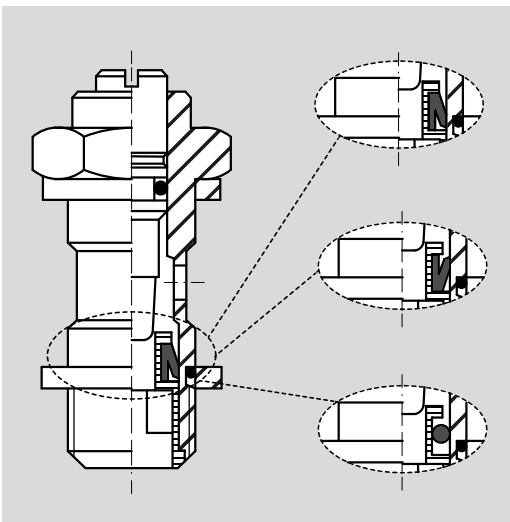
Type: **VX15**



Type: **VX18**











Functions



C		For cylinders. Function uni-directional with "out" adjustment
V		For valves. Function uni-directional with "in" adjustment
B		Bi-directional. Function bi-directional with adjustment in both directions

Flow regulators

Type		Functions	Parallel threads (BSP)	For tube Ø mm	Data sheet and code page
VX15	Banjo bolt with screwdriver adjustment	   	1/8", 1/4"	-	5.372.4
VX18	Swivel BSP with screwdriver adjustment and push-in fitting	   	1/8", 1/4", 3/8"	4, 6, 8, 10	5.372.5

Matching thread/tube

Tube diameter (external)	Thread		
	G1/8"	G1/4"	G3/8"
Ø 4 mm	●	-	-
Ø 6 mm	●	●	-
Ø 8 mm	●	●	-
Ø 10 mm	-	●	●

Key
● allowed matching; - not allowed matching

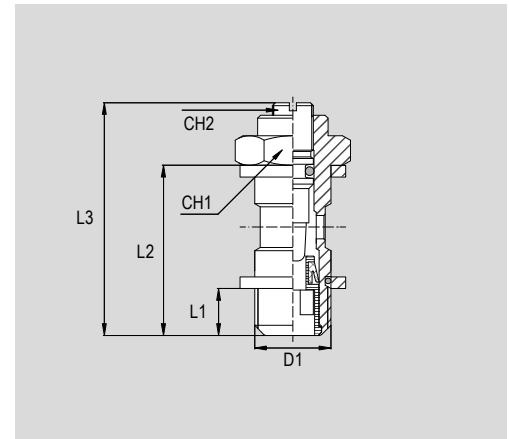
Stainless Steel flow and exhaust regulators

Stainless Steel flow regulators type VX15



Main features

Type	Description	Function
VX15..C	Banjo bolt with screwdriver adjustment. For cylinders. In Stainless Steel.	
VX15..V	Banjo bolt with screwdriver adjustment. For valves. In Stainless Steel.	
VX15..B	Banjo bolt with screwdriver adjustment. Bi-directional. In Stainless Steel.	



Dimensions

Code	Item	Symbol (Function)	D1	L1	L2	L3 (max)	CH1	CH2	Weight (g)
024035	VX150018C	 (for cylinders)	G1/8"	5,1	22,1	32,9	14	2,5	18,3
024036	VX150014C		G1/4"	6,4	27,4	41,8	17	3	34,5
024039	VX150018V	 (for valves)	G1/8"	5,1	22,1	32,9	14	2,5	18,3
024040	VX150014V		G1/4"	6,4	27,4	41,8	17	3	34,5
024037	VX150018B	 (bi-directional)	G1/8"	5,1	22,1	32,9	14	2,5	18,3
024038	VX150014B		G1/4"	6,4	27,4	41,8	17	3	34,5

Matching with banjo series RX

	Code	Item	For thread	Tube ext.Ø
	020982	RX350418	1/8"	Øe 4
	020981	RX350618	1/8"	Øe 6
	020973	RX350614	1/4"	Øe 6
	020965	RX350818	1/8"	Øe 8
	020945	RX350814	1/4"	Øe 8
	020990	RX351014	1/4"	Øe 10

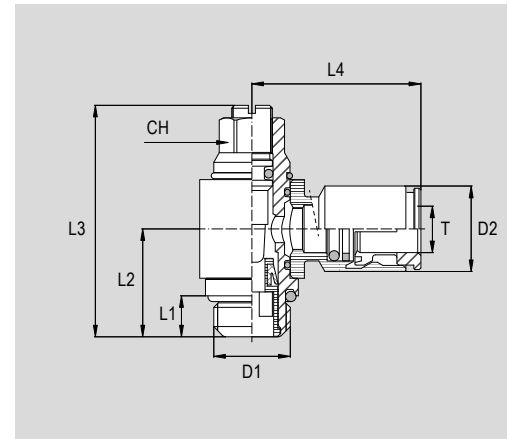
Stainless Steel flow and exhaust regulators

Stainless Steel flow regulators type VX18



Main features

Type	Description	Function
VX18..C	Swivel BSP with screwdriver adjustment and push-in fitting. For cylinders. In Stainless Steel.	
VX18..V	Swivel BSP with screwdriver adjustment and push-in fitting. For valves. In Stainless Steel.	
VX18..B	Swivel BSP with screwdriver adjustment and push-in fitting. Bi-directional. In Stainless Steel.	



Dimensions

Code	Item	Symbol (Function)	T (Øe tube)	D1	D2	L1	L2	L3 (max)	L4	CH	Weight (g)
024232	VX180418C	 (for cylinders)	4	G1/8"	9	5,1	15	32,9	20,5	9	26
024233	VX180618C		6	G1/8"	12	5,1	15	32,9	22,5	9	28,8
024234	VX180614C		6	G1/4"	12	6,4	17,4	39	24	10	43,1
024235	VX180818C		8	G1/8"	14	5,1	15	32,9	23	9	29,5
024236	VX180814C		8	G1/4"	14	6,4	17,4	39	25	10	45,4
024237	VX181014C		10	G1/4"	16	6,4	17,4	39	27	10	47
024238	VX181038C	10	G3/8"	16	7	20	50	26	14	85,2	
024239	VX180418V	 (for valves)	4	G1/8"	9	5,1	15	32,9	20,5	9	26
024240	VX180618V		6	G1/8"	12	5,1	15	32,9	22,5	9	28,8
024241	VX180614V		6	G1/4"	12	6,4	17,4	39	24	10	43,1
024242	VX180818V		8	G1/8"	14	5,1	15	32,9	23	9	29,5
024243	VX180814V		8	G1/4"	14	6,4	17,4	39	25	10	45,4
024244	VX181014V		10	G1/4"	16	6,4	17,4	39	27	10	47
024245	VX181038V	10	G3/8"	16	7	20	50	26	14	85,2	
024246	VX180418B	 (bi-directional)	4	G1/8"	9	5,1	15	32,9	20,5	9	26
024247	VX180618B		6	G1/8"	12	5,1	15	32,9	22,5	9	28,8
024248	VX180614B		6	G1/4"	12	6,4	17,4	39	24	10	43,1
024249	VX180818B		8	G1/8"	14	5,1	15	32,9	23	9	29,5
024250	VX180814B		8	G1/4"	14	6,4	17,4	39	25	10	45,4
024251	VX181014B		10	G1/4"	16	6,4	17,4	39	27	10	47
024252	VX181038B	10	G3/8"	16	7	20	50	26	14	85,2	



Code key

Type	Thread
AVRX	14

AVRX

18 = 1/8"
14 = 1/4"
38 = 3/8"
12 = 1/2"
34 = 3/4"
01 = 1"

How to order



Notes

For standard materials see the table below.

Technical data

Type	AVRX
Fluid	Compressed air
Pressure range	0 ÷ 10 bar
Temperature range	-40°C ÷ +150°C
Parallel threads	UNI - ISO 228 / 1 (BSP)

Standard materials

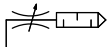
Type	AVRX
Body	Stainless Steel AISI 316
Filtering cartridge	Stainless Steel AISI 316

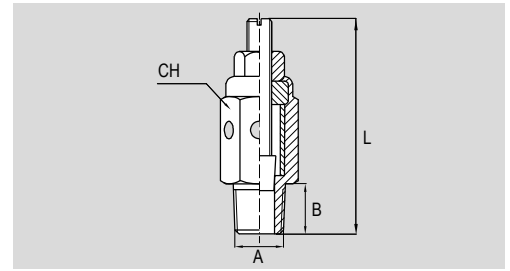
Stainless Steel flow and exhaust regulators

Stainless Steel silenced restrictors type AVRX

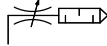


Main features

Type	Description	Function
AVRX	Silenced exhaust restrictors with screwdriver adjustment. In Stainless Steel.	



Dimensions

Code	Item	Symbol (Function)	A	B	L min	L max	CH	Weight (g)
023518	AVRX18		G1/8"	6,5	31	38	13	-
023519	AVRX14		G1/4"	9	37	48	14	-
023520	AVRX38		G3/8"	10,5	38	51	17	-
023527	AVRX12		G1/2"	10,5	43	54	22	-
023528	AVRX34		G3/4"	12	48	60	27	-
023529	AVRX01		G1"	15,5	53	69	34	-

STAINLESS STEEL

accessories with integrated function



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Stainless Steel accessories with integrated function. Available in different versions, functions, and threads. Supplied as standard in compliance to Reach and RoHS directives. Lubricated with synthetic grease long lasting, fully composed by non-toxic elements conforming to FDA Directive section 21 CFR 178 about accidental contact with food (registered NSF H1).



Stainless Steel stop valves

from page 5.384.1



Series of stainless steel stop valves. Available in version uni-directional, in size from G1/8" to G1/2", with integrated recessed manual override and female banjo.



Code key

Series	Type	Thread M	Thread F	Function	Option
VX	45	14	14	U	K
VX	45	18 = 1/8" 14 = 1/4" 38 = 3/8" 12 = 1/2"	18 = 1/8" 14 = 1/4" 38 = 3/8" 12 = 1/2"	U = Uni-directional	K = Manual override with recessed button

How to order

Series	Type	Thread M	Thread F	Function	Option
VX	45	14	14	U	K

Notes

For standard materials see the following page.

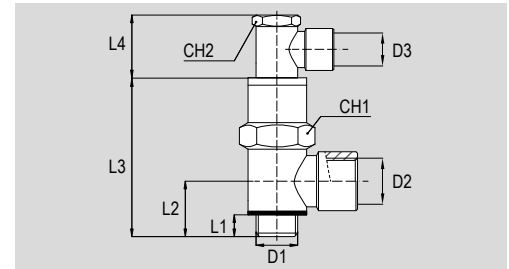
Stainless Steel accessories with integrated function

Stainless Steel stop valves type VX45



Main features

Type	Description	Symbol
VX45	Uni-directional stop valve. In AISI 316L Stainless Steel.	



Dimensions

Code	Item	Symbol	D1	D2	D3	L1	L2	L3	L4	CH1	CH2	Weight (g)
024580	VX451818UK		G1/8"	G1/8"	M5x0,8	6	15,5	42	20,5	13	8	-
024581	VX451414UK		G1/4"	G1/4"	M5x0,8	8	18,5	46,5	20,5	17	8	-
024582	VX453838UK		G3/8"	G3/8"	G1/8"	9	21	53,5	19	21	14	-
024583	VX451212UK		G1/2"	G1/2"	G1/8"	10,5	24,5	61,5	19	25	14	-

Technical data

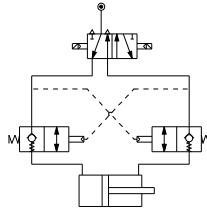
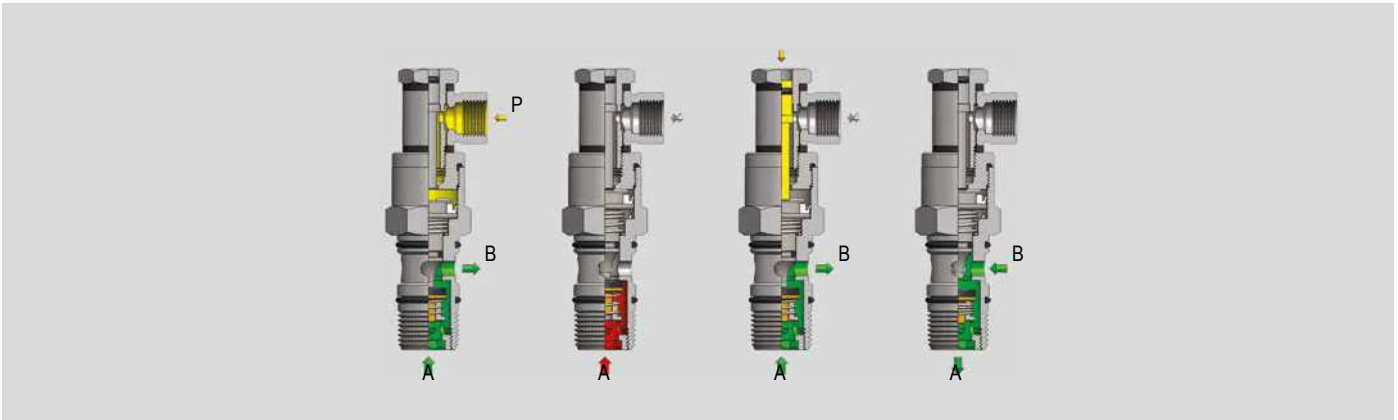
Type	VX45											
Size	1/8"			1/4"			3/8"			1/2"		
Fluid	Filtered compressed air with or without lubrication											
Pressure range	0 ÷ 10 bar											
Piloting pressure range	See page 5.384.2											
Temperature range	-20°C ÷ +150°C											
Parallel threads	UNI - ISO 228 / 1 (BSP)											
Function	See page 5.384.2											
Flow at 6 bar with ΔP 1 bar	170 NI/min			345 NI/min			700 NI/min			1.050 NI/min		

Standard materials

Type	VX45
Body	Stainless Steel AISI 316 L
Piston	Stainless Steel AISI 304
Spring	Stainless Steel AISI 302
Washer	PTFE
Seals	FKM

Function

Type VX45



Series of stop valves available in uni-directional version. When mounted in pairs on a cylinder, they block the movement in the event of a sudden drop in piloting pressure.
 By means of the manual release device is possible to manually reset the piston stroke.

Piloting pressure in function of feeding pressure



STAINLESS STEEL

silencers



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Main features and certifications

Stainless steel silencers. Available in different types and threads. To apply at the exhaust to reduce noise. Supplied as standard in compliance to Reach and RoHS directives.



Stainless Steel sintered silencers

from page 5.392.10



Series of stainless steel sintered silencers. Available in different shapes and types. Sizes from M5 to 1".



Stainless Steel silencers

Sintered



Code key

Type	Size ⁽¹⁾	Option
AFEX	18	NPT

AFEX

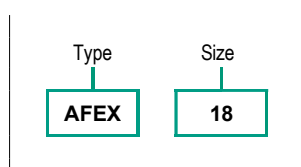
AFEX
AEX
AEPX
AERX

M5 = M5x0,8

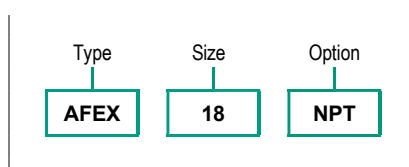
18 = 1/8"
14 = 1/4"
38 = 3/8"
12 = 1/2"
34 = 3/4"
01 = 1"

NPT ⁽²⁾ = NPT thread
(according to ANSI B 1.20.1)

How to order







How to order with option



Notes

- For standard materials see the data sheet of each single component.
- (1) For matching between type and thread, see table at page 5.392.11; for specific type see further pages.
- (2) Available in size from 1/8" to 1"

Sintered silencers

Type			Parallel threads (BSP)	Metric threads	Data sheet and code page
AFEX	Silencer with stainless steel mesh filtering element and nipple in stainless steel.		1/8", 1/4", 3/8", 1/2", 3/4", 1"	M5x0,8	5.392.12
AEX	Silencer with sintered stainless steel truncated cone filtering element and nipple in stainless steel.		1/8", 1/4", 3/8", 1/2", 3/4", 1"	M5x0,8	5.392.13
AEPX	Silencer with stainless steel flat filtering element and nipple in stainless steel.		1/8", 1/4", 3/8", 1/2", 3/4", 1"	M5x0,8	5.392.14
AERX	Silencer with stainless steel microstretched mesh filtering element and nipple in stainless steel.		1/8", 1/4", 3/8", 1/2", 3/4", 1"	M5x0,8	5.392.15

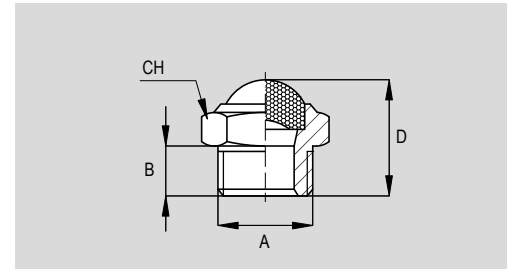
Stainless Steel silencers

Sintered, series AFEX



Main features

Type	Description	Symbol
AFEX	Silencer with stainless steel mesh filtering element and nipple in stainless steel.	



Dimensions

Code	Item	Symbol	A	B	CH	D	Weight (g)
010327	AFEXM5		M5x0,8	4	8	8	-
010321	AFEX18		G1/8"	6	13	15	-
010322	AFEX14		G1/4"	8	16	18	-
010345	AFEX38		G3/8"	8	19	19	-
010346	AFEX12		G1/2"	9	24	22	-
010330	AFEX34		G3/4"	10	30	25	-
010329	AFEX01		G1"	12	36	30	-

Technical data

Type	AFEX
Fluid	Compressed air
Pressure range	0 ÷ 10 bar
Temperature range	-40°C ÷ +150°C
Parallel threads	UNI - ISO 228 / 1 (BSP)
Metric threads	UNI EN ISO 965-1

Standard materials


Type	AFEX
Nipple	Stainless Steel AISI 304
Filtering element	Stainless Steel AISI 304

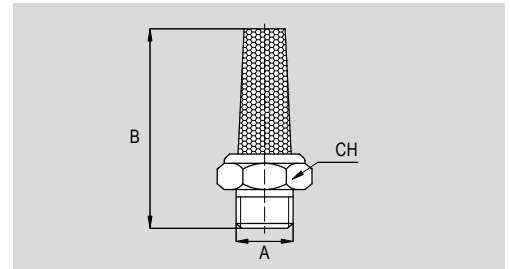
Stainless Steel silencers

Sintered, series AEX




Main features

Type	Description	Symbol
AEX	Silencer with sintered stainless steel truncated cone filtering element and nipple in stainless steel.	



Dimensions

Code	Item	Symbol	A	B	CH	Weight (g)
010358	AEXM5		M5x0,8	21,5	9	-
010351	AEX18		G1/8"	28,5	12	-
010352	AEX14		G1/4"	33	15	-
011033	AEX38		G3/8"	40	19	-
010353	AEX12		G1/2"	48	23	-
010354	AEX34		G3/4"	58,5	30	-
010355	AEX01		G1"	71	36	-

Technical data

Type	AEX
Fluid	Compressed air
Pressure range	0 ÷ 10 bar
Temperature range	-40°C ÷ +150°C
Parallel threads	UNI - ISO 228 / 1 (BSP)
Metric threads	UNI EN ISO 965-1

Standard materials


Type	AEX
Nipple	Stainless Steel AISI 316
Filtering element	Stainless Steel AISI 316

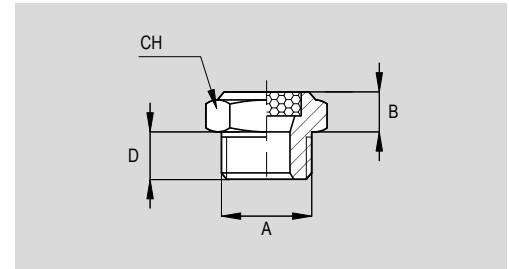
Stainless Steel silencers

Sintered, series AEPX

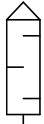


Main features

Type	Description	Symbol
AEPX	Silencer with stainless steel flat filtering element and nipple in stainless steel.	



Dimensions

Code	Item	Symbol	A	B	CH	D	Weight (g)
010360	AEPXM5		M5x0,8	4,5	8	5	-
010361	AEPX18		G1/8"	6,2	12	7	-
010362	AEPX14		G1/4"	6,2	15	9	-
010363	AEPX38		G3/8"	6,7	19	9	-
010364	AEPX12		G1/2"	9,2	23	9,5	-
010365	AEPX34		G3/4"	9,7	30	11	-
010366	AEPX01		G1"	10,7	36	15	-

Technical data

Type	AEPX
Fluid	Compressed air
Pressure range	0 ÷ 10 bar
Temperature range	-40°C ÷ +150°C
Parallel threads	UNI - ISO 228 / 1 (BSP)
Metric threads	UNI EN ISO 965-1

Standard materials

Type	AEPX
Nipple	Stainless Steel AISI 316
Filtering element	Stainless Steel AISI 316

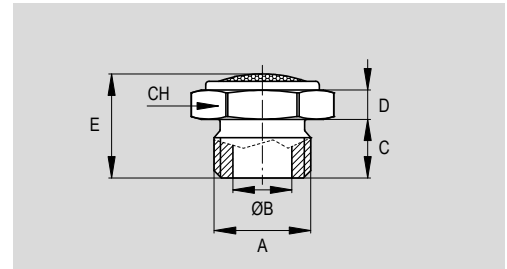
Stainless Steel silencers

Sintered, series AERX



Main features

Type	Description	Symbol
AERX	Silencer with stainless steel microstretched mesh filtering element and nipple in stainless steel.	



Dimensions

Code	Item	Symbol	A	B	C	D	E	CH	Weight (g)
010378	AERXM5		M5x0,8	6	8	4	15	14	-
010379	AERX18		G1/8"	8	8	4	14	17	-
010380	AERX14		G1/4"	12	8	10	18	22	-
010381	AERX38		G3/8"	15	12	7	22	27	-
010382	AERX12		G1/2"	20	15	9	27	32	-
010383	AERX34		G3/4"	26	18	11	34	41	-
010384	AERX01		G1"	34	36	15	29	29	-

Technical data

Type	AERX
Fluid	Compressed air
Pressure range	0 ÷ 10 bar
Temperature range	-40°C ÷ +150°C
Parallel threads	UNI - ISO 228 / 1 (BSP)
Metric threads	UNI EN ISO 965-1

Standard materials

Type	AERX
Nipple	Stainless Steel AISI 316 L
Filtering element	Stainless Steel AISI 316 L