

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS

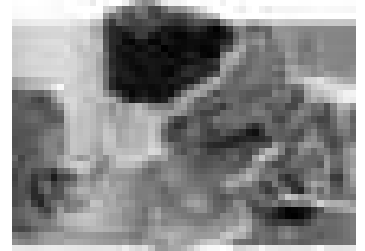
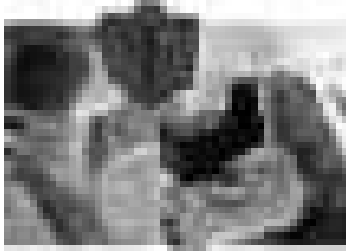


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Actuation	Body	Function	Port Size	Orifice (mm)	Flow Factor Kv(l/min)	MOPD (bar)	Max Fluid Temp. (°C)	Page Parker Valves	Page Parker LUCIFER® Valves	
Direct Operated	Brass/Pipe mounting	Normally Closed	1/8"	1.2 to 3	4.5	70	140	28	32	
			1/4"	1.2 to 5	13	100	140	30	32	
			3/8"	4 to 6	12	10	120	-	36	
		Normally Open	1/2"	8.5 to 11	36	4	120	-	36	
			1/8"	2.5	3.5	30	140	-	40	
			1/4"	1.5 to 3	4	40	140	38	40	
		Control by Electric Impulse	1/4"	3 to 5	11	20	100	-	40	
			5 mm	1.5 to 3	4.5	100	130	-	42	
		Brass/Sub-base mounting	Normally Closed	5 mm	1.5	1.5	20	120	-	44
			Normally Open	5 mm	1.5	1.5	20	120	-	44
Magnalift	Brass/Pipe mounting	Normally Closed	3/8"	13 to 15	65	20	140	46	48	
			1/2"	13 to 15	65	20	140	46	48	
			3/4"	15 to 20	100	20	140	46	50	
			1"	15 to 25	170	20	140	46	52	
			1"	15 to 25	170	20	140	46	52	
Pilot Operated	Brass/Pipe mounting	Normally Closed	1/4"	8 to 12	36	40	120	-	56	
			3/8"	11 to 13	50	40	120	54	58	
			1/2"	11 to 15	60	40	120	54	60	
			3/4"	15 to 20	135	40	120	54	62	
			1"	18 to 28	270	16	120	54	64	
			1 1/2"	40	425	16	120	-	66	
			2"	40	540	16	120	-	66	
			Normally Open	1/4"	8	36	40	140	-	70
				3/8"	11 to 13	50	40	140	68	70
				1/2"	13 to 15	60	40	140	68	70
				3/4"	15 to 20	135	40	120	68	72
				1"	25 to 40	420	16	120	68	72
		1 1/4"		28	270	16	120	-	72	
		Control by Electric Impulse	1 1/2"	40	420	12	100	-	72	
			2"	40	540	12	120	-	72	
			1/4"	12	32	12	100	-	74	
			3/8"	12	45	12	100	-	74	
			1/2"	12	50	12	100	-	74	
			3/4"	18	100	12	100	-	74	
			1"	18	110	12	100	-	74	
		Brass/Sub-base mounting	Normally Closed	14 mm	14	45	40	140	-	76
			Normally Open	14 mm	14	46	40	120	-	76

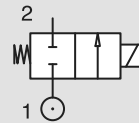
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VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
DIRECT OPERATED



BRASS PIPE MOUNTING

NORMALLY CLOSED



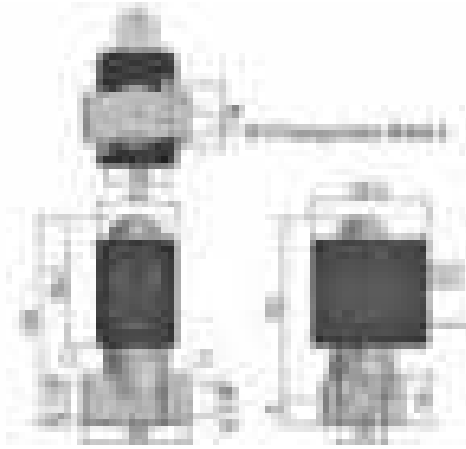
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv	KV	Qn	Min	Max(MOPD)	Min	Max	Valve Order Number		Valve Type	Coil Type	AC W	DC W			
BSP	mm	l/min	m³/h	m³/h	bar	AC bar	DC bar	°C	°C								
1/8"	1.2	0.7	0.04	-	0	20	-	-10	140	FKM	398018 ₁	N74.4IV	WB4.5 115/50-60	4.5	-	1.3	064
	1.5	1	0.06	-	0	20	-	-10	140	FKM	398017 ₁	N74.4AV	WB4.5 115/50-60	4.5	-	1.3	064
	1.5	1	0.06	-	0	20	-	-10	140	FKM	398014 ₁	N74.4AV	WB4.5 230/50-60	4.5	-	1.3	064
	1.5	1	0.06	-	0	20	-	-10	140	FKM	398030 ₁	N74.4AV	WB4.5 24/50-60	4.5	-	1.3	064
	1.5	1	0.06	-	0	-	10	-10	140	FKM	398034 ₁	N74.4AV	WB5.0 12DC	-	5	1.3	064
	1.5	1	0.06	-	0	-	10	-10	140	FKM	398016 ₁	N74.4AV	WB5.0 24DC	-	5	1.3	064
	1.5	1	0.06	-	0	-	10	-10	140	FKM	398013 ₁	N74.4AVA.5	WB5.0 5.0 24DC	-	5	1.3	064
	1.5	1.5	0.09	-	0	20	-	-10	140	FKM	363378	PM146BV	ZB09	9	-	20.1/20.2	034
	1.5	1.5	0.09	-	0	-	18	-10	140	FKM	363378	PM146BV	ZB12	-	12	20.1/20.2	034
	2.5	2.2	0.13	-	0	10	-	-10	140	FKM	398026 ₁	N74.4FV	WB4.5 115/50-60	4.5	-	1.3	064
	2.5	2.2	0.13	-	0	10	-	-10	140	FKM	398003 ₁	N74.4FV	WB4.5 115/60	4.5	-	1.3	064
	2.5	2.2	0.13	-	0	10	-	-10	140	FKM	398000 ₁	N74.4FV	WB4.5 230/50-60	4.5	-	1.3	064
2.5	2.2	0.13	-	0	10	-	-10	140	FKM	398024 ₁	N74.4FV	WB4.5 24/50-60	4.5	-	1.3	064	
2.5	2.2	0.13	-	0	10	-	-10	140	FKM	398001 ₁	N74.4FV	WB4.5 240/50-60	4.5	-	1.3	064	
2.5	2.2	0.13	-	0	-	4	-10	140	FKM	398052 ₁	N74.4FV	WB5.0 12DC	-	5	1.3	064	
2.5	2.2	0.13	-	0	-	4	-10	140	FKM	398022 ₁	N74.4FV	WB5.0 24DC	-	5	1.3	064	
2.5	3.3	0.20	-	0	10	-	-10	140	FKM	363380	PM146FV	ZB09	9	-	20.1/20.2	034	

Notes:

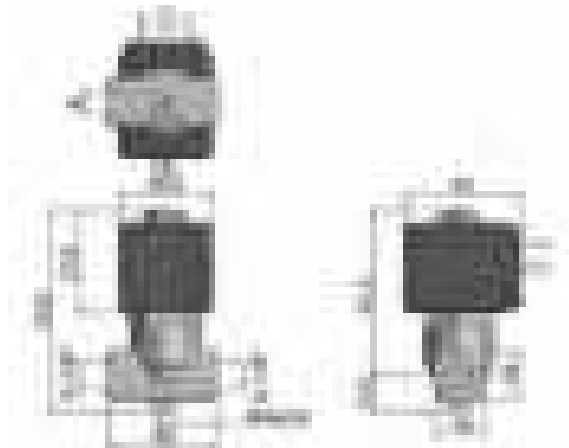
1. Ordering number is for an assembled valve and coil, with the voltage shown.



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/8"	1.2	0.7	4	-10	-10
To	1/8"	2.5	3.3	20	140	50



Drawing 064



Drawing 034

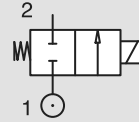
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VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
DIRECT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



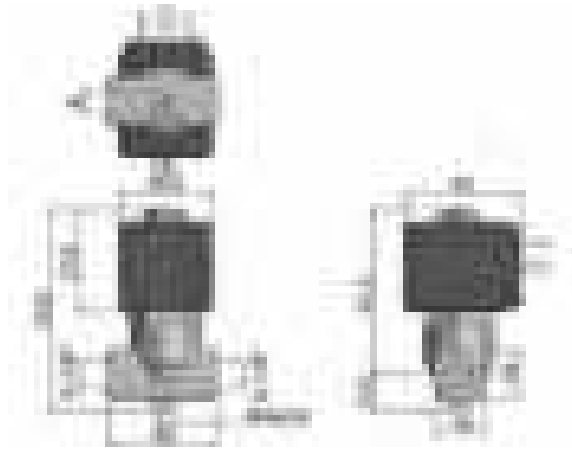
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn m³/h	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Order Number	Valve Type	Coil Type	AC W	DC W		
1/8"	2.5	3.3	0.20	-	0	-	5	-10	140	FKM	363380	PM146FV	ZB12	-	12	20.1/20.2	034
	3	4.5	0.27	-	0	7	-	-10	140	FKM	363390	PM146HV	ZB09	9	-	20.1/20.2	034
	3	4.5	0.27	-	0	-	2	-10	140	FKM	363390	PM146HV	ZB12	-	12	20.1/20.2	034
1/4"	2.5	2.2	0.13	-	0	10	-	-10	140	FKM	398006 ₁	N74.4WV	WB4.5 230/50-60	4.5	-	1.3	065
	2.5	2.2	0.13	-	0	10	-	-10	140	FKM	398007 ₁	N74.4WV	WB4.5 24/50-60	4.5	-	1.3	065
	2.5	2.2	0.13	-	0	-	4	-10	140	FKM	398008 ₁	N74.4WV	WB5.0 12DC	-	5	1.3	065
	2.5	2.2	0.13	-	0	-	4	-10	140	FKM	398010 ₁	N74.4WV	WB5.0 24DC	-	5	1.3	065
	2.5	2.2	0.13	-	0	19	-	-10	140	FKM	398012 ₁	N74.4WV	WB8.0 230/50-60	8	-	1.3	065
	3	4.5	0.27	-	0	7	-	-10	140	FKM	363444	PM146YV	ZB09	9	-	20.1/20.2	035
	3	4.5	0.27	-	0	-	2	-10	140	FKM	363444	PM146YV	ZB12	-	12	20.1/20.2	035
	4.5	9	0.53	-	0	6	-	-10	140	FKM	363457	PM146.3KV	ZB14	14	-	20.2	035
	4.5	9	0.53	-	0	-	2.5	-10	140	FKM	363457	PM146.3KV	ZB16	-	16	20.2	035
	6	13	0.75	-	0	6	-	-10	140	FKM	363467	PM146.3ABV	ZB14	14	-	20.2	035
6	13	0.75	-	0	-	1	-10	140	FKM	363467	PM146.3ABV	ZB16	-	16	20.2	035	

Notes:

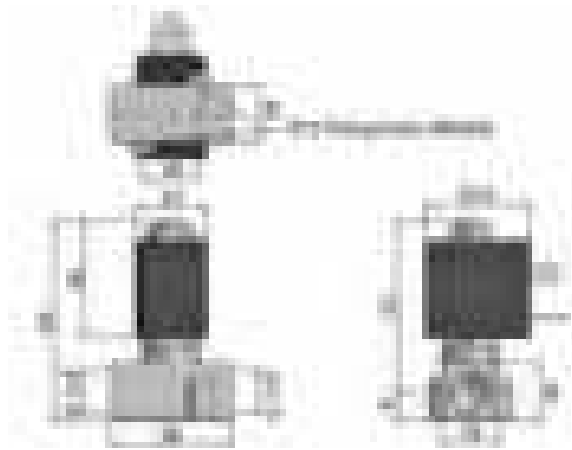
1. Ordering number is for an assembled valve and coil, with the voltage shown.



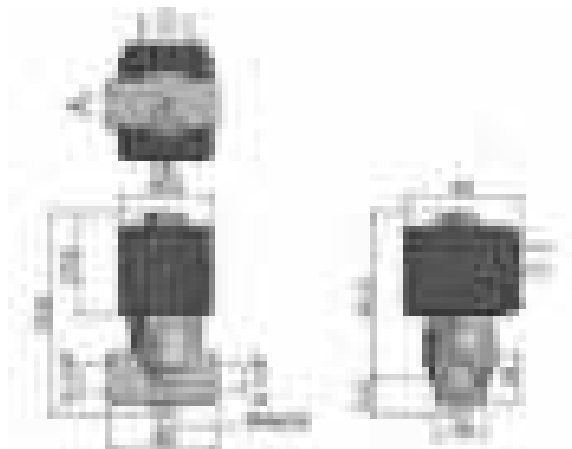
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/8"	2.5	2.2	1	-10	-10
To	1/4"	6	13	19	140	50



Drawing 034



Drawing 065



Drawing 035

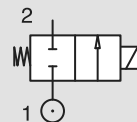
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VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL
GASES AND LIQUIDS
DIRECT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



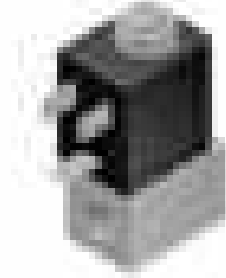
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			IS	Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.		AC W	DC W		
1/8"	1.5	0.9	0.05	70	0	20	12	-10	75	FKM	121M14	8993	481180		4	5	1.1	3382
	1.5	0.9	0.05	70	0	20	4	-10	75	FKM	121M14	8993	488980		2	2.5	1.1	3382
	1.5	1.5	0.09	80	0	60	25	-30	75	PCTFE	E121K14	2995	481865		8	9	2.0	3510
	1.5	1.5	0.09	80	0	70	30	-30	75	PCTFE	E121K14	4270	481000		8	8	2.0	3510
	1.5	1.5	0.09	80	0	70	55	-30	75	PCTFE	E121K14	4270	486265		14	14	2.0	3510
	2	2	0.12	125	0	10	7	-10	75	FKM	121M13	8993	481180		4	5	1.1	3382
	2	2	0.12	125	0	10	2.5	-10	75	FKM	121M13	8993	488980		2	2.5	1.1	3382
	2.5	3.5	0.21	220	0	28	10	-30	100	Ruby	E121K23	2995	481865		8	9	2.0	3510
	2.5	3.5	0.21	220	0	34	12	-30	130	Ruby	E121K23	4270	481000		8	8	2.0	3510
	2.5	3.5	0.21	220	0	50	22	-30	120	Ruby	E121K23	4270	486265		14	14	2.0	3510
	3	4.5	0.27	320	0	10	7	-10	100	FKM	121K1302	2995	481865		8	9	2.0	3510
	1/4"	3	4.5	0.27	320	0	10	8	-10	120	FKM	121K1302	4270	481000		8	8	2.0
3		4.5	0.27	320	0	10	10	-10	120	FKM	121K1302	4270	486265		14	14	2.0	3510
1.2		0.85	0.05	50	0	80	36	-30	100	Ruby	E121K65	2995	481865		8	9	2.0	3510
1.2		0.85	0.05	50	0	100	43	-30	130	Ruby	E121K65	4270	481000		8	8	2.0	3510
1.2		0.85	0.05	50	0	100	75	-30	120	Ruby	E121K65	4270	486265		14	14	2.0	3510
1.5		1.5	0.09	80	0	-	8	-20	75	PUR	121K0497 ₁	2995	482740		-	1.6	6.0/8.0	8274
1.5		1.5	0.09	80	0	10	10	-20	75	PUR	121K0497 ₁	-	495900		2.5	2	6.0/8.0	8274
1.5		1.5	0.09	80	0	-	10	-20	75	PUR	121K0497 ₁	-	495910	*	-	0.3 to 3	6.0/8.0	8274
1.5		1.5	0.09	80	0	-	8	-20	75	PUR	121K0497 ₁	2995	496125		-	1.6	6.0/8.0	8274
1.5		1.5	0.09	80	0	60	25	-30	75	PCTFE	E121K04	2995	481865		8	9	2.0	3510
1.5		1.5	0.09	80	0	70	30	-30	75	PCTFE	E121K04	4270	481000		8	8	2.0	3510
1.5		1.5	0.09	80	0	70	55	-30	75	PCTFE	E121K04	4270	486265		14	14	2.0	3510
1.5		1.5	0.09	80	0	20	20	-10	100	FKM	E121K0402	2995	481865		8	9	2.0/3.0	3510
1.5		1.5	0.09	80	0	20	20	-10	120	FKM	E121K0402	4270	481000		8	8	2.0/3.0	3510
1.5		1.5	0.09	80	0	60	25	-30	100	Ruby	E121K67	2995	481865		8	9	2.0	3510
1.5		1.5	0.09	80	0	75	30	-30	130	Ruby	E121K67	4270	481000		8	8	2.0	3510
1.5		1.5	0.09	80	0	100	55	-30	120	Ruby	E121K67	4270	486265		14	14	2.0	3510
2.5		3.5	0.21	220	0	14	7	-10	100	FKM	121K0706	2995	481865		8	9	2.0	3510
2.5		3.5	0.21	220	0	14	9	-10	120	FKM	121K0706	4270	481000		8	8	2.0	3510
2.5		3.5	0.21	220	0	14	14	-10	120	FKM	121K0706	4270	486265		14	14	2.0	3510
2.5	3.5	0.21	220	0	28	10	-30	75	PCTFE	E121K07	2995	481865		8	9	2.0	3510	
2.5	3.5	0.21	220	0	34	12	-30	75	PCTFE	E121K07	4270	481000		8	8	2.0	3510	
2.5	3.5	0.21	220	0	50	22	-30	75	PCTFE	E121K07	4270	486265		14	14	2.0	3510	

Notes:

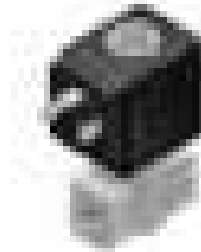
1. Valve compatible with water only up to 40°C



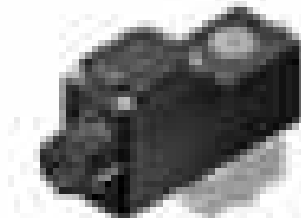
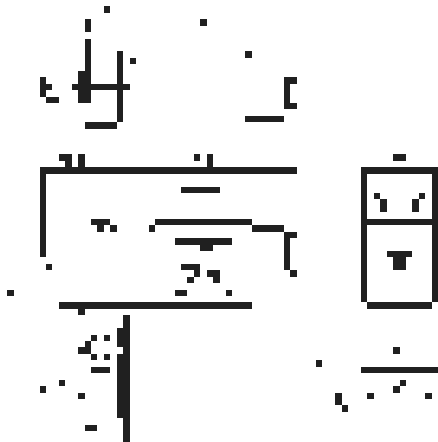
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/8"	1.2	0.9	2.5	-30	-20
To	1/4"	3	4.5	100	130	50



Drawing 3382



Drawing 3510



Drawing 8274

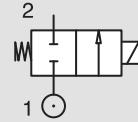
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VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS DIRECT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			IS	Power		Coil Group	Dwg. No.
		Kv	KV	Qn	Min	Max(MOPD)	Min	Max	Valve Ref.		Housing Ref.	Coil Ref.	AC W		DC W			
BSP	mm	l/min	m³/h	l/min	bar	AC bar	DC bar	°C	°C									
1/4"	2.5	3.5	0.21	220	0	28	10	-30	100	Ruby	E121K63	2995	481865		8	9	2.0	3510
	2.5	3.5	0.21	220	0	34	12	-30	130	Ruby	E121K63	4270	481000		8	8	2.0	3510
	2.5	3.5	0.21	220	0	50	22	-30	120	Ruby	E121K63	4270	486265		14	14	2.0	3510
	3	3.5	0.21	250	0	-	2	-20	75	PUR	121K0397 ₁	2995	482740		-	1.6	6.0/8.0	8074
	3	3.5	0.21	250	0	4.5	4	-20	75	PUR	121K0397 ₁	-	495900		2.5	2	6.0/8.0	8074
	3	3.5	0.21	250	0	-	4.5	-20	75	PUR	121K0397 ₁	-	495910	*	-	0.3 to 3	6.0/8.0	8074
	3	3.5	0.21	250	0	-	2	-20	75	PUR	121K0397 ₁	2995	496125		-	1.6	6.0/8.0	8274
	3	4.5	0.27	320	0	20	7	-30	75	PCTFE	E121K03	2995	481865		8	9	2.0/3.0	3510
	3	4.5	0.27	320	0	25	8.5	-30	75	PCTFE	E121K03	4270	481000		8	8	2.0/3.0	3510
	3	4.5	0.27	320	0	36	15	-30	75	PCTFE	E121K03	4270	486265		14	14	2.0/3.0	3510
	3	4.5	0.27	320	0	10	7	-10	100	FKM	E121K0302	2995	481865		8	9	2.0	3510
	3	4.5	0.27	320	0	10	8.5	-10	120	FKM	E121K0302	4270	481000		8	8	2.0	3510
	3	4.5	0.27	320	0	10	7	-10	100	FKM	E121K0302	4270	486265		14	14	2.0	3510
	3	4.5	0.27	320	0	10	7	-10	100	FKM	E121K0352 ₂	2995	481865		8	9	2.0	3510
	3	4.5	0.27	320	0	10	8.5	-10	120	FKM	E121K0352 ₂	4270	481000		8	8	2.0	3510
	3	4.5	0.27	320	0	10	10	-10	120	FKM	E121K0352 ₂	4270	486265		14	14	2.0	3510
	3	4.5	0.27	320	0	20	7	-30	100	Ruby	E121K64	2995	481865		8	9	2.0	3510
	3	4.5	0.27	320	0	25	8.5	-30	130	Ruby	E121K64	4270	481000		8	8	2.0	3510
	3	4.5	0.27	320	0	36	15	-30	120	Ruby	E121K64	4270	486265		14	14	2.0	3510
	4	7.5	0.45	480	0	10	4	-10	100	FKM	121K02	2995	481865		8	9	2.0	3510
	4	7.5	0.45	480	0	10	5	-10	120	FKM	121K02	4270	481000		8	8	2.0	3510
	4	7.5	0.45	480	0	10	10	-10	120	FKM	121K02	4270	486265		14	14	2.0	3510
	4	7.5	0.45	480	0	10	4	-10	100	FKM	121K0250 ₂	2995	481865		8	9	2.0	3510
	4	7.5	0.45	480	0	10	5	-10	120	FKM	121K0250 ₂	4270	481000		8	8	2.0	3510
	4	7.5	0.45	480	0	10	10	-10	120	FKM	121K0250 ₂	4270	486265		14	14	2.0	3510
	5	11	0.66	750	0	7	2	-10	100	FKM	121K01	2995	481865		8	9	2.0/14.2	3510
	5	11	0.66	750	0	7	2.8	-10	120	FKM	121K01	4270	481000		8	8	2.0/14.2	3510
	5	11	0.66	750	0	7	5	-10	120	FKM	121K01	4270	486265		14	14	2.0/14.2	3510
	5	11	0.66	750	0	7	2	-10	100	FKM	121K0106	2995	481865		8	9	2.0	3510
	5	11	0.66	750	0	7	2.8	-10	120	FKM	121K0106	4270	481000		8	8	2.0	3510
	5	11	0.66	750	0	7	5	-10	120	FKM	121K0106	4270	486265		14	14	2.0	3510
	5	11	0.66	750	0	7	2	-10	100	FKM	121K0150 ₂	2995	481865		8	9	2.0	3510
	5	11	0.66	750	0	7	2.8	-10	120	FKM	121K0150 ₂	4270	481000		8	8	2.0	3510
	5	11	0.66	750	0	7	5	-10	120	FKM	121K0150 ₂	4270	486265		14	14	2.0	3510

Notes:

- 1. Valve compatible with water only up to 40°C
- 2. With manual override

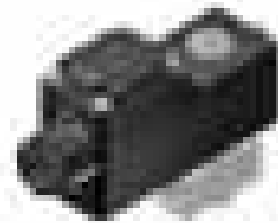
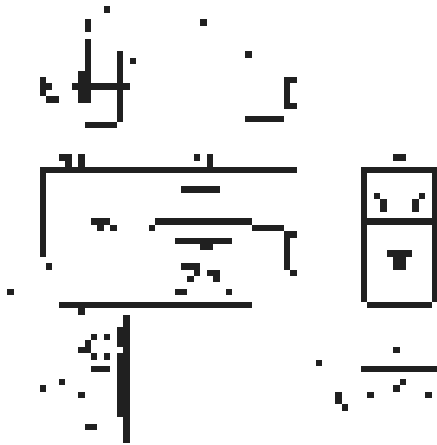




For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	2.5	3.5	2	-30	-20
To	1/4"	5	11	50	130	50



Drawing 3510



Drawing 8274

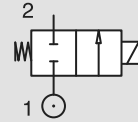
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL
GASES AND LIQUIDS
DIRECT OPERATED

BRASS

PIPE MOUNTING

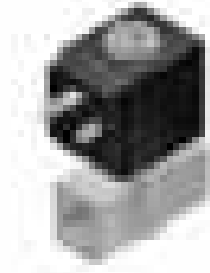
NORMALLY CLOSED



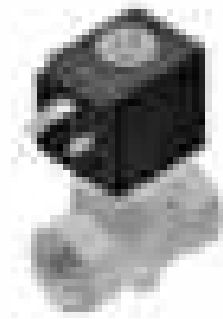
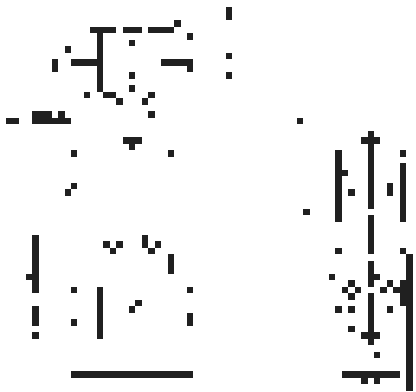
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv	KV	Qn	Min	Max(MOPD)	Min	Max	Valve Ref.		Housing Ref.	Coil Ref.	AC W	DC W			
BSP	mm	l/min	m³/h	l/min	bar	AC bar	DC bar	°C	°C								
3/8"	4	7.5	0.45	480	0	10	4	-10	100	FKM	121K3206	2995	481865	8	9	2.0	3551
	4	7.5	0.45	480	0	10	5	-10	120	FKM	121K3206	4270	481000	8	8	2.0	3551
	4	7.5	0.45	480	0	10	10	-10	120	FKM	121K3206	4270	486265	14	14	2.0	3551
	5	11	0.66	750	0	7	2	-10	100	FKM	121K3106	2995	481865	8	9	2.0	3551
	5	11	0.66	750	0	7	2.8	-10	120	FKM	121K3106	4270	481000	8	8	2.0	3551
	5	11	0.66	750	0	7	5	-10	120	FKM	121K3106	4270	486265	14	14	2.0	3551
	6	12	0.72	1100	0	5	1.1	-10	100	FKM	121K3306	2995	481865	8	9	2.0/14.2	3551
	6	12	0.72	1100	0	5	1.5	-10	120	FKM	121K3306	4270	481000	8	8	2.0/14.2	3551
	6	12	0.72	1100	0	5	3	-10	120	FKM	121K3306	4270	486265	14	14	2.0/14.2	3551
1/2"	8.5	25	1.5	1600	0	1.1	0.5	-10	100	FKM	E121K46	2995	481865	8	9	2.0	3427
	8.5	25	1.5	1600	0	2.2	0.5	-10	120	FKM	E121K46	4270	481000	8	8	2.0	3427
	8.5	25	1.5	1600	0	4	1.2	-10	120	FKM	E121K46	4270	486265	14	14	2.0	3427
	11	36	2.16	2500	0	0.7	0.3	-10	100	FKM	E121K45	2995	481865	8	9	2.0	3427
	11	36	2.16	2500	0	1.2	0.35	-10	120	FKM	E121K45	4270	481000	8	8	2.0	3427
	11	36	2.16	2500	0	2.5	0.7	-10	120	FKM	E121K45	4270	486265	14	14	2.0	3427



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/8"	4	7.5	0.3	-10	-10
To	1/2"	11	36	10	120	50



Drawing 3551



Drawing 3427

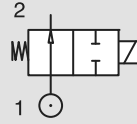
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
DIRECT OPERATED

BRASS

PIPE MOUNTING

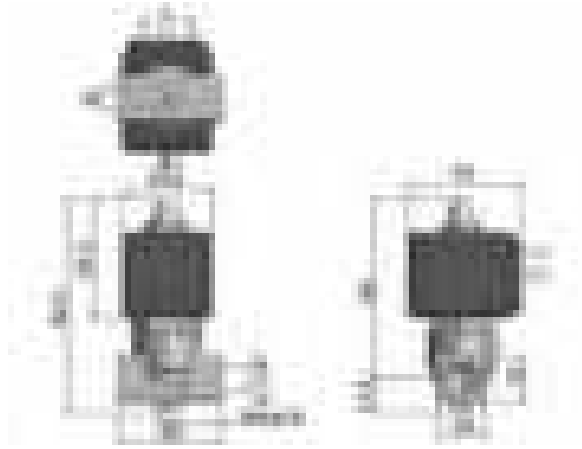
NORMALLY OPEN



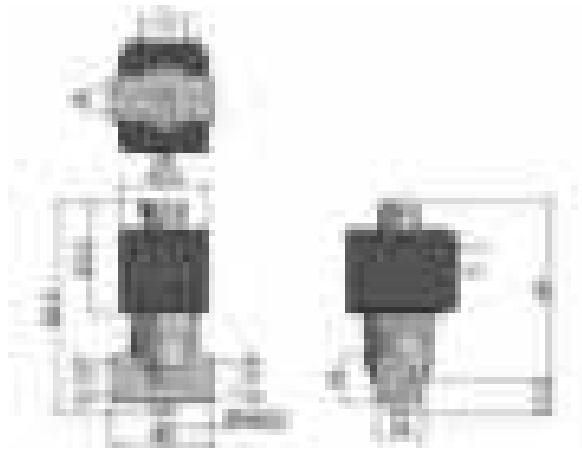
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn m³/h	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Order Number	Valve Type	Coil Type	AC W	DC W		
1/4"	BSP 1.5	1.3	0.08	-	0	22	-	-10	140	FKM	363745	PM151GV	ZB09	9	-	20.1/20.2	036
	BSP 1.5	1.3	0.08	-	0	-	22	-10	140	FKM	363745	PM151GV	ZB12	-	12	20.1/20.2	036
	BSP 2	1.8	0.11	-	0	18	-	-10	140	FKM	362290	PM136.2FV	ZB14	14	-	20.2	020
	BSP 2	1.8	0.11	-	0	-	18	-10	140	FKM	362290	PM136.2FV	ZB16	-	16	20.2	020
	BSP 2	2.5	0.15	-	0	12	-	-10	140	FKM	363570	PM151HV	ZB09	9	-	20.1/20.2	036
	BSP 2	2.5	0.15	-	0	-	12	-10	140	FKM	363570	PM151HV	ZB12	-	12	20.1/20.2	036
	BSP 3	4	0.24	-	0	5.5	-	-10	140	FKM	362286	PM136YV	ZB14	14	-	20.2	020
	BSP 3	4	0.24	-	0	-	5.5	-10	140	FKM	362286	PM136YV	ZB16	-	16	20.2	020



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	1.5	1.3	5.5	-10	-10
To	1/4"	3	4	22	140	50



Drawing 036



Drawing 020

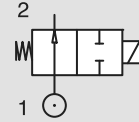
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS DIRECT OPERATED

BRASS

PIPE MOUNTING

NORMALLY OPEN

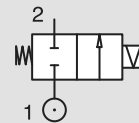


Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/8"	2.5	3.5	0.21	-	0	30	-	-30	140	Ruby	122K9363	4270	481044	14	-	2.2	3510
	2.5	3.5	0.21	-	0	30	30	-30	140	Ruby	122K9363	4270	486265	14	14	2.2	3510
1/4"	1.5	1.5	0.09	9.6	0	30	30	-10	100	PCTFE	122K84	2995	481865	8	9	2.0	3510
	1.5	1.5	0.09	9.6	0	30	30	-10	100	PCTFE	122K84	4270	481000	8	8	2.0	3510
	1.5	1.5	0.09	9.6	0	30	30	-10	120	PCTFE	122K84	4270	486265	14	14	2.0	3510
	1.5	1.5	0.09	80	0	20	20	-10	100	FKM	122K8406	2995	481865	8	9	2.1	3510
	1.5	1.5	0.09	80	0	20	20	-10	120	FKM	122K8406	4270	481000	8	8	2.1	3510
	1.5	1.5	0.09	80	0	40	40	-30	100	Ruby	122K8408	2995	481865	8	9	2.1	3510
	1.5	1.5	0.09	80	0	40	40	-30	130	Ruby	122K8408	4270	481000	8	8	2.1	3510
	1.5	1.5	0.09	80	0	40	40	-30	130	Ruby	122K8408	4270	486265	14	14	2.0	3510
	2.5	3	0.18	180	0	12	12	-30	75	PCTFE	122K83	2995	481865	8	9	2.1	3510
	2.5	3	0.18	180	0	12	12	-30	75	PCTFE	122K83	4270	481000	8	8	2.1	3510
	2.5	3	0.18	180	0	12	12	-30	75	PCTFE	122K83	4270	486265	14	14	2.0	3510
	2.5	3	0.18	180	0	12	12	-10	100	FKM	122K8306	2995	481865	8	9	2.0	3510
	2.5	3	0.18	180	0	12	12	-10	120	FKM	122K8306	4270	481000	8	8	2.0	3510
	2.5	3	0.18	180	0	12	12	-10	120	FKM	122K8306	4270	486265	14	14	2.0	3510
	2.5	3.5	0.21	-	0	30	-	-30	140	Ruby	122K8363	4270	481044	14	-	2.2	3510
	2.5	3.5	0.21	-	0	30	30	-30	140	Ruby	122K8363	4270	486265	14	14	2.2	3510

BRASS

PIPE MOUNTING

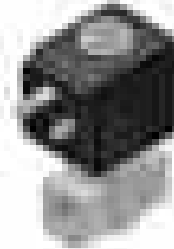
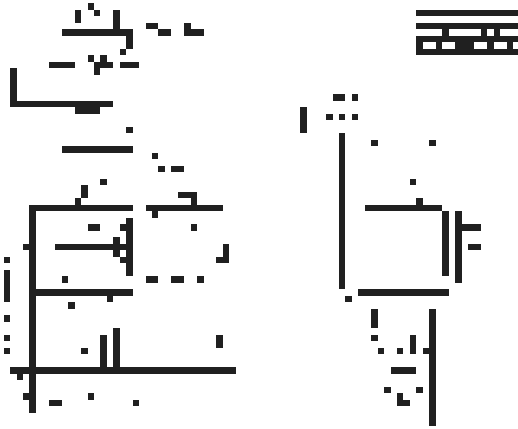
CONTROL BY ELECTRIC IMPULSE



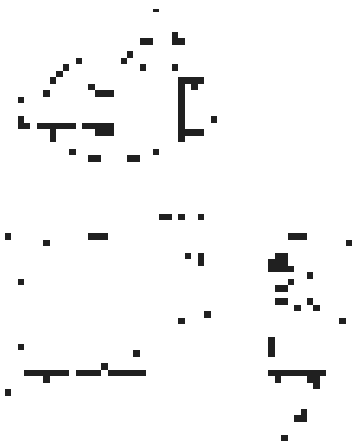
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/4"	3	4.5	0.27	320	0	20	-	-30	75	PCTFE	125K03	4269	484990	11	-	4.0	8296
	3	4.5	0.27	320	0	-	7	-30	75	PCTFE	125K03	4269	485400	-	13	4.0	8296
1/4"	5	11	0.66	750	0	5	-	-10	100	FKM	125K01	4269	484990	11	-	4.0	8296
	5	11	0.66	750	0	-	1.5	-10	100	FKM	125K01	4269	485400	-	13	4.0	8296



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/8"	1.5	1.5	1.5	-30	-10
To	1/4"	5	11	40	140	50



Drawing 3510



Drawing 8296

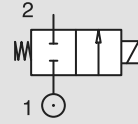
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
DIRECT OPERATED

BRASS

SUB-BASE MOUNTING

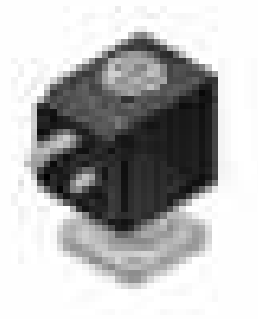
NORMALLY CLOSED



Port size	Orifice Ø mm	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
SB	1.5	1.5	0.09	80	0	20	-	-10	100	EPDM	121F4417	2995	483510	9	-	2.0	3509
	1.5	1.5	0.09	80	0	60	25	-30	100	Ruby	121F67	2995	481865	8	9	2.0	3509
	1.5	1.5	0.09	80	0	75	30	-30	130	Ruby	121F67	4270	481000	8	8	2.0	3509
	1.5	1.5	0.09	80	0	100	55	-30	120	Ruby	121F67	4270	486265	14	14	2.0	3509
	1.5	1.5	0.09	80	0	60	25	-30	75	PCTFE	E121F44	2995	481865	8	9	2.0	3509
	1.5	1.5	0.09	80	0	70	30	-30	75	PCTFE	E121F44	4270	481000	8	8	2.0	3509
	1.5	1.5	0.09	80	0	70	55	-30	75	PCTFE	E121F44	4270	486265	14	14	2.0	3509
	1.5	1.5	0.09	80	0	20	20	-10	100	FKM	E121F4406	2995	481865	8	9	2.0	3509
	1.5	1.5	0.09	80	0	20	20	-10	120	FKM	E121F4406	4270	481000	8	8	2.0	3509
	1.5	1.5	0.09	80	0	20	20	-10	120	FKM	E121F4406	4270	486265	14	14	2.0	3509
	2.5	3.5	0.21	220	0	28	10	-30	75	PCTFE	121F47	2995	481865	8	9	2.0	3509
	2.5	3.5	0.21	220	0	34	12	-30	75	PCTFE	121F47	4270	481000	8	8	2.0	3509
	2.5	3.5	0.21	220	0	50	22	-30	75	PCTFE	121F47	4270	486265	14	14	2.0	3509
	2.5	3.5	0.21	220	0	14	7	-10	100	FKM	121F4706	2995	481865	8	9	2.0	3509
	2.5	3.5	0.21	220	0	14	9	-10	120	FKM	121F4706	4270	481000	8	8	2.0	3509
	2.5	3.5	0.21	220	0	14	14	-10	120	FKM	121F4706	4270	486265	14	14	2.0	3509
	2.5	3.5	0.21	220	0	28	10	-30	100	Ruby	121F63	2995	481865	8	9	2.0	3509
	2.5	3.5	0.21	220	0	34	12	-30	130	Ruby	121F63	4270	481000	8	8	2.0	3509
	2.5	3.5	0.21	220	0	50	22	-30	120	Ruby	121F63	4270	486265	14	14	2.0	3509
	3	4.5	0.27	320	0	10	-	-10	100	FKM	121F4317	2995	483510	9	-	2.0	3509
	3	4.5	0.27	320	0	20	7	-30	100	Ruby	121F64	2995	481865	8	9	2.0	3509
	3	4.5	0.27	320	0	25	8.5	-30	130	Ruby	121F64	4270	481000	8	8	2.0	3509
	3	4.5	0.27	320	0	36	15	-30	120	Ruby	121F64	4270	486265	14	14	2.0	3509
	3	4.5	0.27	320	0	20	7	-30	75	PCTFE	E121F43	2995	481865	8	9	2.0	3509
	3	4.5	0.27	320	0	25	8.5	-30	75	PCTFE	E121F43	4270	481000	8	8	2.0	3509
	3	4.5	0.27	320	0	36	15	-30	75	PCTFE	E121F43	4270	486265	14	14	2.0	3509
	3	4.5	0.27	320	0	10	7	-10	100	FKM	E121F4302	2995	481865	8	9	2.0/3.0	3509
	3	4.5	0.27	320	0	10	8.5	-10	120	FKM	E121F4302	4270	481000	8	8	2.0/3.0	3509
3	4.5	0.27	320	0	10	10	-10	120	FKM	E121F4302	4270	486265	14	14	2.0/3.0	3509	



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	5 mm	1.5	1.5	7	-30	-10
To	5 mm	3	4.5	100	130	50



Drawing 3509

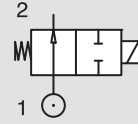
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
DIRECT OPERATED

BRASS

SUB-BASE MOUNTING

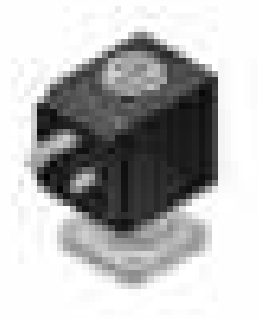
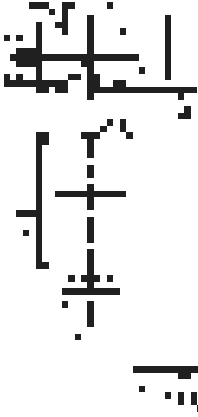
NORMALLY OPEN



Port size	Orifice Ø mm	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD)		Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
						AC bar	DC bar										
SB	1.5	1.5	0.09	80	0	20	20	-10	100	FKM	122F44	2995	481865	8	9	2.1	3509
	1.5	1.5	0.09	80	0	20	20	-10	120	FKM	122F44	4270	481000	8	8	2.1	3509



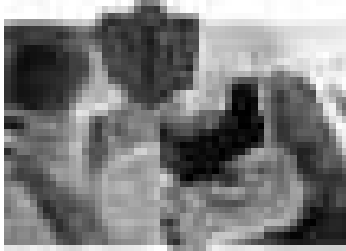
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	5 mm	1.5	1.5	20	-10	-10
To	5 mm	1.5	1.5	20	120	50



Drawing 3509

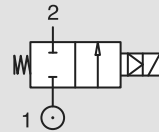
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
MAGNALIFT



BRASS
PIPE MOUNTING

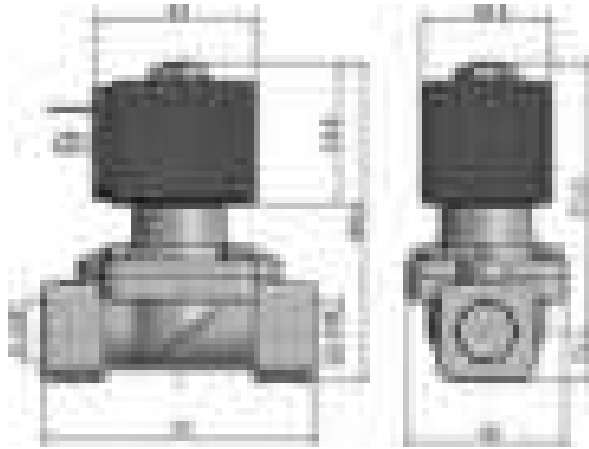
NORMALLY CLOSED



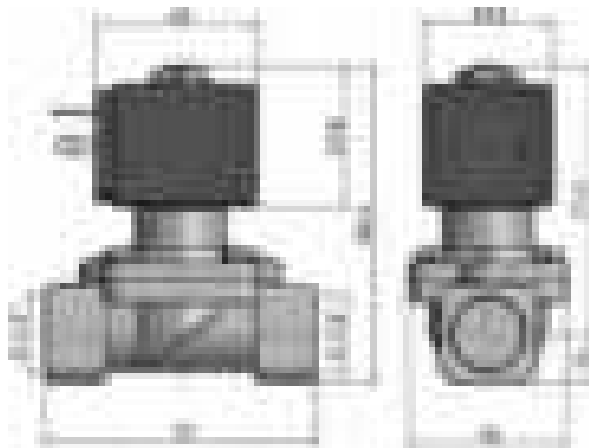
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv	KV	Qn	Min	Max(MOPD)	Min	Max	Valve Order Number		Valve Type	Coil Type	AC W	DC W			
BSP	mm	l/min	m³/h	m³/h	bar	AC bar	DC bar	°C	°C								
3/8"	13	40	2.4	-	0	5	-	-10	140	FKM	361810	PM123IV	ZB09	9	-	20.1	004
1/2"	13	40	2.4	-	0	5	-	-10	140	FKM	361850	PM123AV	ZB09	9	-	20.1	003
3/4"	20	100	6	-	0	3	-	-10	140	FKM	361910	PM123CV	JB14	14	-	21.0	005
1"	25	117	7	-	0	3	-	-10	140	FKM	361950	PM123DV	JB14	14	-	21.0	006



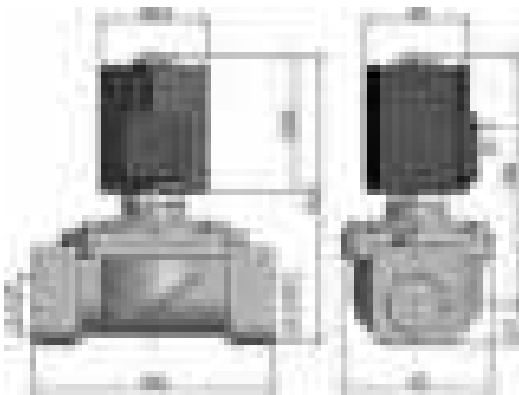
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/8"	13	40	3	-10	-10
To	1"	25	117	5	140	50



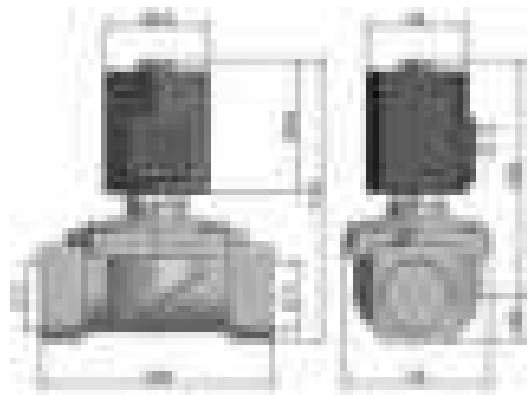
Drawing 004



Drawing 003



Drawing 005



Drawing 006

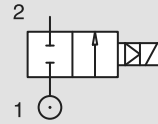
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
MAGNALIFT

BRASS

PIPE MOUNTING

NORMALLY CLOSED



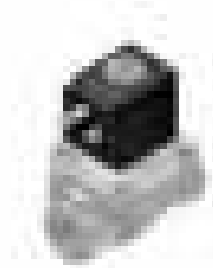
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
3/8"	15	65	3.9	4500	0	16	-	-10	100	NBR	221G13	2995	481865	8	-	2.0	3732
	15	65	3.9	4500	0	16	-	-10	100	NBR	221G13	4270	481000	8	-	2.0	3732
	15	65	3.9	4500	0	16	7	-10	100	NBR	221G13	4270	486265	14	14	2.0	3732
	15	65	3.9	4500	0	16	-	0	100	FKM	221G23 ₁	2995	481865	8	-	2.0	3732
	15	65	3.9	4500	0	16	-	0	120	FKM	221G23 ₁	4270	481000	8	-	2.0	3732
	15	65	3.9	4500	0	20	7	0	140	FKM	221G23 ₁	4270	486265	14	14	2.0	3732
	15	65	3.9	4500	0	-	10	-10	100	FKM	221G2330 ₁₂	2995	481865	-	9	2.1	3732
	15	65	3.9	4500	0	10	10	-10	100	FKM	221G2330 ₁₂	-	492070	9	8	2.1	3732
	15	65	3.9	4500	0	10	10	-10	100	FKM	221G2330 ₁₂	-	492190	11	9	2.1	3732
1/2"	15	65	3.9	4500	0	16	-	-10	100	NBR	221G15	2995	481865	8	-	2.0	3732
	15	65	3.9	4500	0	16	-	-10	100	NBR	221G15	4270	481000	8	-	2.0	3732
	15	65	3.9	4500	0	16	7	-10	100	NBR	221G15	4270	486265	14	14	2.0	3732
	15	65	3.9	4500	0	-	10	-10	100	NBR	221G1530 ₂₃	2995	481865	-	9	2.1	3732
	15	65	3.9	4500	0	10	10	-10	120	NBR	221G1530 ₂₃	-	492070	9	8	2.1	3732
	15	65	3.9	4500	0	10	10	-10	120	NBR	221G1530 ₂₃	-	492190	11	9	2.1	3732
	15	65	3.9	4500	0	16	-	0	100	FKM	221G25 ₁	2995	481865	8	-	2.0	3732
	15	65	3.9	4500	0	16	-	0	120	FKM	221G25 ₁	4270	481000	8	-	2.0	3732
	15	65	3.9	4500	0	20	7	0	140	FKM	221G25 ₁	4270	486265	14	14	2.0	3732
	15	65	3.9	4500	0	-	10	-10	100	FKM	221G2530 ₁₂	2995	481865	-	9	2.1	3732
	15	65	3.9	4500	0	10	10	-10	100	FKM	221G2530 ₁₂	-	492070	9	8	2.1	3732
	15	65	3.9	4500	0	10	10	-10	100	FKM	221G2530 ₁₂	-	492190	11	9	2.1	3732

Notes:

1. Valve only compatible with hydraulic oil and air/neutral gases
2. Valves with model number ending in 30 or 31 are only compatible with explosion proof electrical parts shown, or with group 2.1 coils only in DC voltage.
3. Pilot seat in FKM



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/8"	15	65	7	-10	-10
To	1/2"	15	65	20	140	50



Drawing 3732

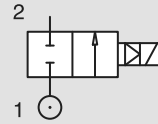
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
MAGNALIFT

BRASS

PIPE MOUNTING

NORMALLY CLOSED



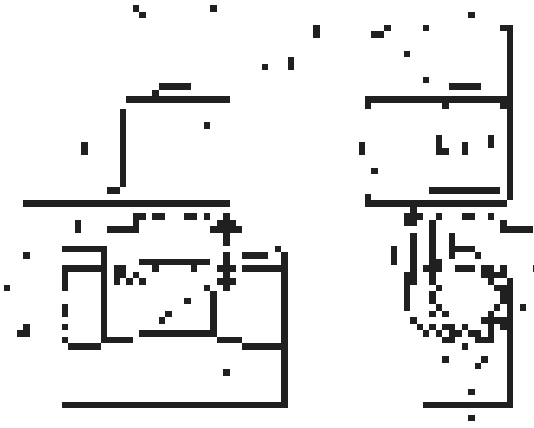
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
3/4"	15	80	4.8	6000	0	16	-	-10	100	NBR	221G16 ₄	2995	481865	8	-	2.0	3444
	15	80	4.8	6000	0	16	-	-10	100	NBR	221G16 ₄	4270	481000	8	-	2.0	3444
	15	80	4.8	6000	0	7	7	-10	100	NBR	221G16 ₄	4270	486265	14	14	2.0	3444
	15	80	4.8	6000	0	16	-	-10	100	NBR	221G1610 ₃	2995	481865	8	-	2.0	3444
	15	80	4.8	6000	0	16	-	-10	100	NBR	221G1610 ₃	4270	481000	8	-	2.0	3444
	15	80	4.8	6000	0	16	7	-10	100	NBR	221G1610 ₃	4270	486265	14	14	2.0	3444
	15	80	4.8	6000	0	10	10	-10	100	NBR	221G1630 ₂₄	2995	481865	8	9	2.1	3444
	15	80	4.8	6000	0	10	10	-25	40	NBR	221G1630 ₂₄	-	492070	9	8	2.1	3444
	15	80	4.8	6000	0	10	10	-25	40	NBR	221G1630 ₂₄	-	492190	11	9	2.1	3444
	15	80	4.8	6000	0	10	10	-10	100	NBR	221G1631 ₂₃₄	2995	481865	8	9	2.1	3444
	15	80	4.8	6000	0	10	10	-25	40	NBR	221G1631 ₂₃₄	-	492070	9	8	2.1	3444
	15	80	4.8	6000	0	10	10	-25	40	NBR	221G1631 ₂₃₄	-	492190	11	9	2.1	3444
	15	80	4.8	6000	0	16	-	0	100	FKM	221G26 ₁	2995	481865	8	-	2.0	3444
	15	80	4.8	6000	0	16	-	0	120	FKM	221G26 ₁	4270	481000	8	-	2.0	3444
	15	80	4.8	6000	0	20	7	0	140	FKM	221G26 ₁	4270	486265	14	14	2.0	3444
	15	80	4.8	6000	0	-	10	-10	100	FKM	221G2630 ₁₂	2995	481865	-	9	2.1	3444
	15	80	4.8	6000	0	10	10	-25	40	FKM	221G2630 ₁₂	-	492070	9	8	2.1	3444
	15	80	4.8	6000	0	10	10	-25	40	FKM	221G2630 ₁₂	-	492190	11	9	2.1	3444

Notes:

1. Valve only compatible with hydraulic oil and air/neutral gases
2. Valves with model number ending in 30 or 31 are only compatible with explosion proof electrical parts shown, or with group 2.1 coils only in DC voltage.
3. With 4 position selector for controlled closure rate
4. Pilot seat in FKM



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/4"	15	80	7	-25	-10
To	3/4"	15	80	20	140	50



Drawing 3444

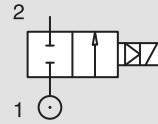
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
MAGNALIFT

BRASS

PIPE MOUNTING

NORMALLY CLOSED



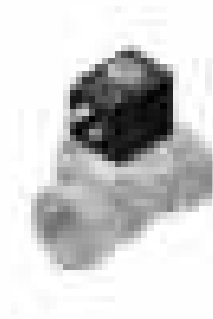
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1"	15	80	4.8	6000	0	16	-	-10	100	NBR	221G17	2995	481865	8	-	2.0	3445
	15	80	4.8	6000	0	16	1	-10	100	NBR	221G17	4270	481000	8	8	2.0	3445
	15	80	4.8	6000	0	16	7	-10	100	NBR	221G17	4270	486265	14	14	2.0	3445
	15	80	4.8	6000	0	16	-	-10	100	NBR	221G1710 ₃	2995	481865	8	-	2.0	3445
	15	80	4.8	6000	0	16	-	-10	100	NBR	221G1710 ₃	4270	481000	8	-	2.0	3445
	15	80	4.8	6000	0	16	7	-10	100	NBR	221G1710 ₃	4270	486265	14	14	2.0	3445
	15	80	4.8	6000	0	10	10	-10	100	NBR	221G1730 ₁₂₄	2995	481865	8	9	2.1	3445
	15	80	4.8	6000	0	10	10	-10	120	NBR	221G1730 ₁₂₄	-	492070	9	8	2.1	3445
	15	80	4.8	6000	0	10	10	-10	120	NBR	221G1730 ₁₂₄	-	492190	11	9	2.1	3445
	15	80	4.8	6000	0	16	-	0	100	FKM	221G27 ₁	2995	481865	8	-	2.0	3445
	15	80	4.8	6000	0	16	-	0	120	FKM	221G27 ₁	4270	481000	8	-	2.0	3445
	15	80	4.8	6000	0	20	7	0	120	FKM	221G27 ₁	4270	486265	14	14	2.0	3445
	15	80	4.8	6000	0	-	10	0	100	FKM	221G2730 ₁₂	2995	481865	-	9	2.1	3445
	15	80	4.8	6000	0	10	10	-10	65	FKM	221G2730 ₁₂	-	492070	9	8	2.1	3445
	15	80	4.8	6000	0	10	10	-10	75	FKM	221G2730 ₁₂	-	492190	11	9	2.1	3445
	25	170	10.2	14000	0	16	-	-10	100	NBR	221G21	2995	481865	8	-	2.0	3448
	25	170	10.2	14000	0	16	-	-10	100	NBR	221G21	4270	481000	8	-	2.0	3448
	25	170	10.2	14000	0	16	6	-10	100	NBR	221G21	4270	486265	14	14	2.0	3448
	25	160	9.6	14000	0	16	-	0	100	FKM	221G2106 ₁	2995	481865	8	-	2.0	3448
	25	160	9.6	14000	0	16	-	0	120	FKM	221G2106 ₁	4270	481000	8	-	2.0	3448
25	160	9.6	14000	0	16	6	0	120	FKM	221G2106 ₁	4270	486265	14	14	2.0	3448	
25	160	9.6	14000	0	16	-	-10	100	NBR	221G2110 ₃	2995	481865	8	-	2.0	3448	
25	160	9.6	14000	0	16	-	-10	100	NBR	221G2110 ₃	4270	481000	8	-	2.0	3448	
25	160	9.6	14000	0	16	6	-10	100	NBR	221G2110 ₃	4270	486265	14	14	2.0	3448	
25	170	10.2	14000	0	-	10	-10	100	NBR	221G2130 ₁₂₄	2995	481865	-	9	2.1	3448	
25	170	10.2	14000	0	10	10	-25	40	NBR	221G2130 ₁₂₄	-	492070	9	8	2.1	3448	
25	170	10.2	14000	0	10	10	-25	40	NBR	221G2130 ₁₂₄	-	492190	11	9	2.1	3448	
25	170	10.2	14000	0	-	10	0	100	FKM	221G2136 ₁	2995	481865	-	9	2.0	3448	
25	170	10.2	14000	0	-	10	0	100	FKM	221G2136 ₁	4270	481000	-	8	2.0	3448	

Notes:

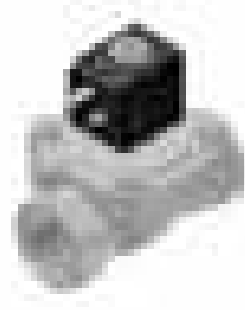
1. Valve only compatible with hydraulic oil and air/neutral gases
2. Valves with model number ending in 30 or 31 are only compatible with explosion proof electrical parts shown, or with group 2.1 coils only in DC voltage.
3. With 4 position selector for controlled closure rate
4. Pilot seat in FKM



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1"	15	80	1	-25	-10
To	1"	25	170	20	120	50



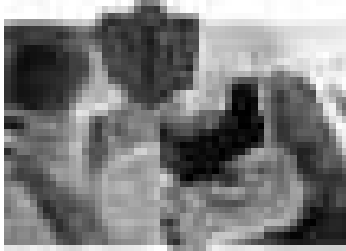
Drawing 3445



Drawing 3448

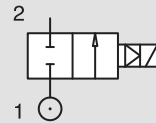
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
PILOT OPERATED



BRASS PIPE MOUNTING

NORMALLY CLOSED



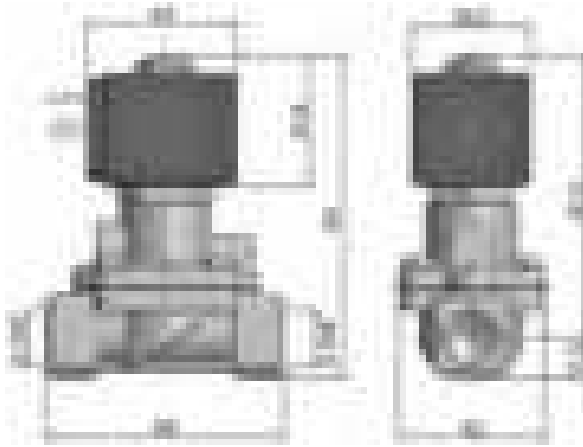
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn m³/h	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Order Number	Valve Type	Coil Type	AC W	DC W		
3/8"	13	33	2	-	0.5	16	-	-10	90	NBR	366501 ₁	PM168.1IN	ZB09	9	-	20.1/20.2	048
	13	33	2	-	0.5	-	16	-10	90	NBR	366501 ₁	PM168.1IN	ZB12	-	12	20.1/20.2	048
	13	50	3	-	0.35	15	-	-10	90	NBR	366770	PM173IN	WB4.5	4.5	-	1.3	054
	13	50	3	-	0.35	-	12	-10	90	NBR	366770	PM173IN	WB5.0	-	5	1.3	054
1/2"	13	42	2.5	-	0.5	16	-	-10	90	NBR	366511 ₁	PM168.1AN	ZB09	9	-	20.1/20.2	046
	13	42	2.5	-	0.5	-	16	-10	90	NBR	366511 ₁	PM168.1AN	ZB12	-	12	20.1/20.2	046
	13	58	3.5	-	0.35	15	-	-10	90	NBR	366775	PM173AN	WB4.5	4.5	-	1.3	053
	13	58	3.5	-	0.35	-	12	-10	90	NBR	366775	PM173AN	WB5.0	-	5	1.3	053
3/4"	20	117	7	-	0.5	16	-	-10	90	NBR	366521 ₁	PM168.1CN	ZB09	9	-	20.1/20.2	046
	20	117	7	-	0.5	-	16	-10	90	NBR	366521 ₁	PM168.1CN	ZB12	-	12	20.1/20.2	046
1"	25	133	8	-	0.5	16	-	-10	90	NBR	366531 ₁	PM168.1DN	ZB09	9	-	20.1/20.2	047
	25	133	8	-	0.5	-	16	-10	90	NBR	366531 ₁	PM168.1DN	ZB12	-	12	20.1/20.2	047

Notes:

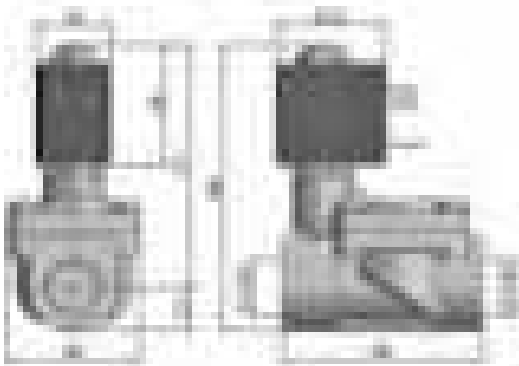
1. Valve only compatible with air and neutral gases



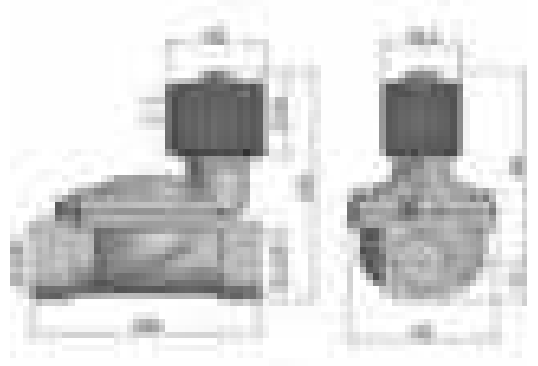
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/8"	13	33	12	-10	-10
To	1"	25	133	16	90	50



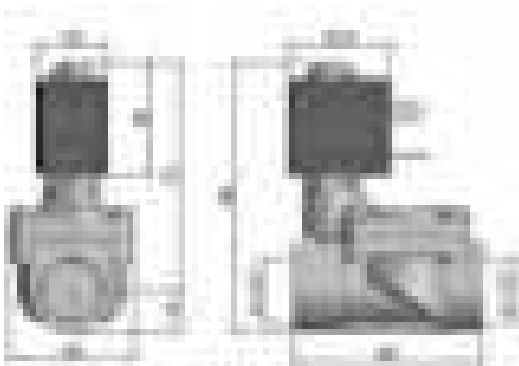
Drawing 048



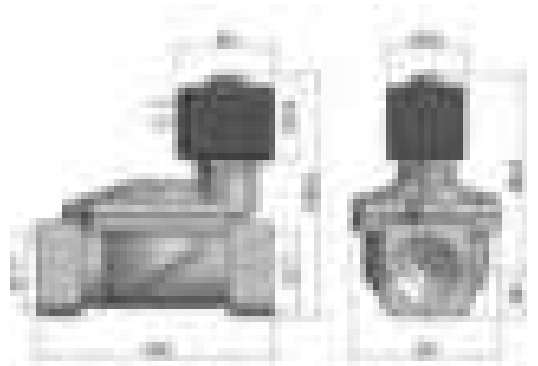
Drawing 054



Drawing 046



Drawing 053



Drawing 047

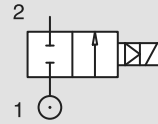
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
PILOT OPERATED

BRASS

PIPE MOUNTING

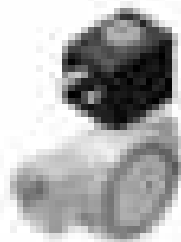
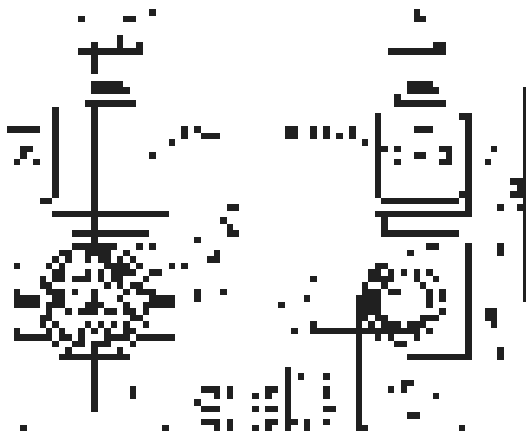
NORMALLY CLOSED



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/4"	8	36	2.16	1600	0.3	40	25	-10	100	NBR	E321H11 ¹²⁴	2995	481865	8	9	2.0	3523
	8	36	2.16	1600	0.3	40	30	-10	100	NBR	E321H11 ¹²⁴	4270	481000	8	8	2.0	3523
	8	36	2.16	1600	0.3	40	40	-10	100	NBR	E321H11 ¹²⁴	4270	486265	14	14	2.0	3523
	11	28	1.68	1800	0.2	10	3	-10	100	NBR	E321K10	2995	481865	8	9	2.0	3429
	11	28	1.68	1800	0.2	10	4	-10	100	NBR	E321K10	4270	481000	8	8	2.0	3429
	12	30	1.8	2150	0.3	10	10	-10	100	NBR	321K31	8993	481180	4	5	1.1	7093
	12	30	1.8	2150	0.3	10	7	-10	75	NBR	321K31	8993	488980	2	2.5	1.1	7093
	12	30	1.8	2150	0.3	10	10	-10	100	FKM	321K3106	8993	481180	4	5	1.1	7093
	12	30	1.8	2150	0.3	10	7	-10	75	FKM	321K3106	8993	488980	2	2.5	1.1	7093
	12	32	1.92	2150	0.3	12	12	-10	100	FKM	321K4156 ₃	2995	481865	8	9	2.1/3.0	7094
	12	32	1.92	2150	0.3	12	12	-10	120	FKM	321K4156 ₃	4270	481000	8	8	2.1/3.0	7094

Notes:

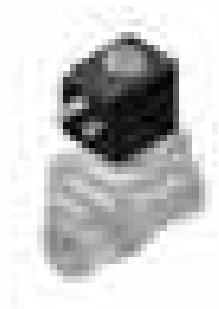
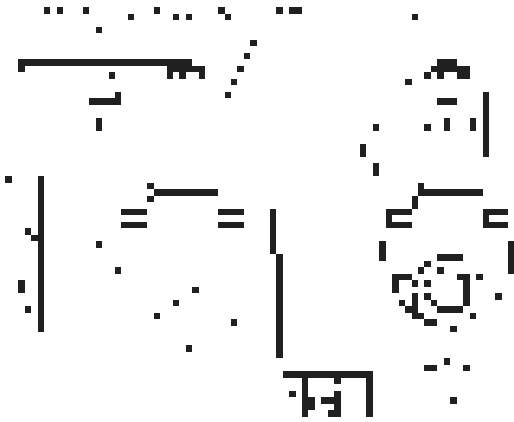
1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
2. Pilot seat disc in synthetic Ruby
3. Valve with manual override
4. With 4 position selector for controlled closure rate



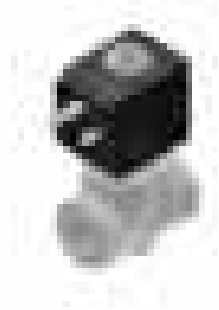
Drawing 7094



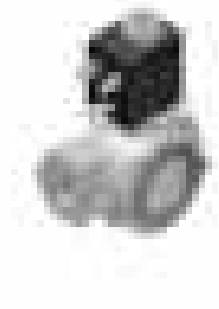
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	8	28	3	-10	-10
To	1/4"	12	36	40	120	50



Drawing 3523



Drawing 3429



Drawing 7093

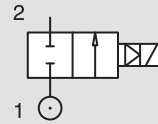
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
PILOT OPERATED

BRASS

PIPE MOUNTING

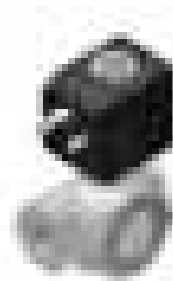
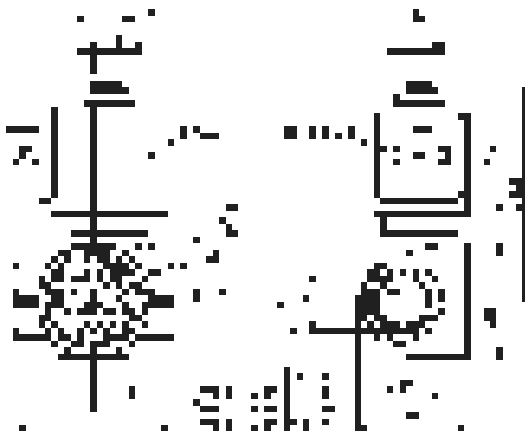
NORMALLY CLOSED



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
3/8"	11	50	3	2800	0.3	40	25	-10	100	NBR	E321H13 ¹²⁴	2995	481865	8	9	2.0	3521
	11	50	3	2800	0.3	40	30	-10	100	NBR	E321H13 ¹²⁴	4270	481000	8	8	2.0	3521
	11	50	3	2800	0.3	40	40	-10	100	NBR	E321H13 ¹²⁴	4270	486265	14	14	2.0	3521
	11	36	2.16	2500	0.2	10	4	-10	100	NBR	E321K13	4270	481000	8	8	2.0	3429
	11	36	2.16	2500	0.2	10	10	-10	100	NBR	E321K13	4270	486265	14	14	2.0	3429
	11	36	2.16	2500	0.2	10	-	-10	100	NBR	E321K1314	2995	483466	8 to 11	-	2.0	3429
	11	36	2.16	2500	0.2	10	10	-10	100	NBR	E321K1314	4270	486265	14	14	2.0	3429
	12	45	2.7	3050	0.3	10	10	-10	100	NBR	321K33	8993	481180	4	5	1.1	7093
	12	45	2.7	3050	0.3	10	7	-10	75	NBR	321K33	8993	488980	2	2.5	1.1	7093
	12	45	2.7	3050	0.3	10	10	-10	100	FKM	321K3306 ¹	8993	481180	4	5	1.1	7093
	12	45	2.7	3050	0.3	10	7	-10	75	FKM	321K3306 ¹	8993	488980	2	2.5	1.1	7093
	12	45	2.7	3050	0.3	12	12	-10	100	FKM	321K4356 ³	2995	481865	8	9	2.1/3.0	7094
12	45	2.7	3050	0.3	12	12	-10	120	FKM	321K4356 ³	4270	481000	8	8	2.1/3.0	7094	

Notes:

1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
2. Pilot seat disc in synthetic Ruby
3. Valve with manual override
4. With 4 position selector for controlled closure rate



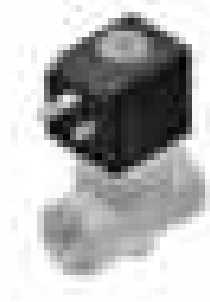
Drawing 7094



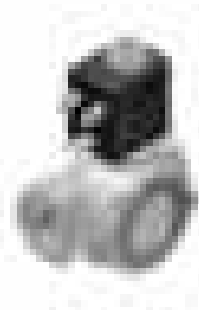
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/8"	11	36	4	-10	-10
To	3/8"	12	50	40	120	50



Drawing 3521



Drawing 3429



Drawing 7093

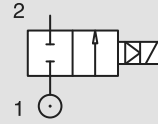
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
PILOT OPERATED

BRASS

PIPE MOUNTING

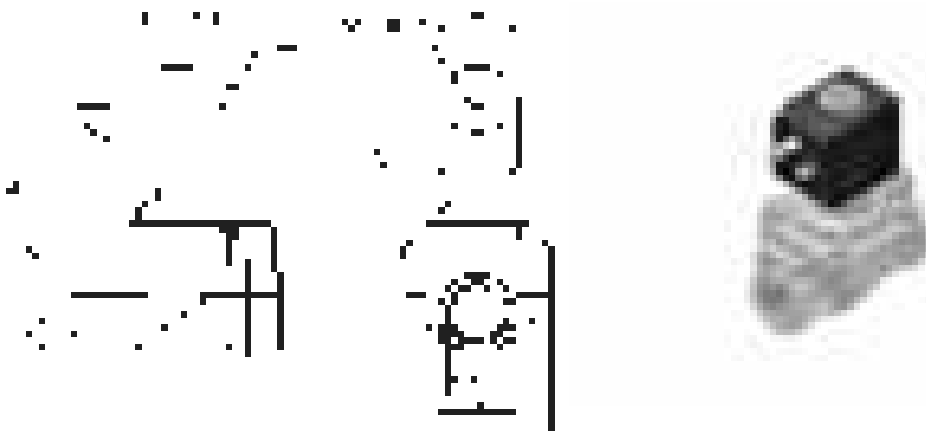
NORMALLY CLOSED



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			IS	Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.		AC W	DC W		
1/2"	11	36	2.16	2500	0.2	10	3	-10	100	NBR	E321K15	2995	481865		8	9	2.0	3427
	11	36	2.16	2500	0.2	10	10	-10	120	NBR	E321K15	4270	486265		14	14	2.0	3427
	11	36	2.16	2500	0.2	10	3	-10	100	NBR	E321K1514	2995	481865		8	9	2.0	3427
	11	36	2.16	2500	0.2	10	4	-10	120	NBR	E321K1514	-	483371		8	8	2.0	3427
	11	36	2.16	2500	0.2	10	3	-10	100	NBR	E321K25	2995	481865		8	9	2.0	3427
	11	36	2.16	2500	0.2	4	4	-10	120	NBR	E321K25	-	492070		9	8	2.0	3427
	12	50	3	3400	0.3	10	10	-10	100	NBR	321K35	8993	481180		4	5	1.1	7093
	12	50	3	3400	0.3	10	7	-10	75	NBR	321K35	8993	488980		2	2.5	1.1	7093
	12	50	3	3400	0.3	10	10	-10	100	FKM	321K3506	8993	481180		4	5	1.1	7093
	12	50	3	3400	0.3	10	7	-10	75	FKM	321K3506	8993	488980		2	2.5	1.1	7093
	15	60	3.6	3150	0.3	-	10	-10	100	NBR	321H1590	2995	483580.01	*	-	0.5 to 3	7.0/8.0	3978
	15	60	3.6	3150	0.3	-	10	-10	100	NBR	321H1590	-	488660.01	*	-	0.3 to 3	7.0/8.0	3978
	15	60	3.6	3150	0.3	-	10	-10	100	NBR	321H1590	-	495910	*	-	0.3 to 3	7.0/8.0	3978
	15	60	3.6	3150	1.5	40	40	-10	50	PUR	321H35 ²³	2995	481865		8	9	2.1	3522
	15	60	3.6	3150	1.5	40	40	-10	50	PUR	321H35 ²³	4270	481000		8	8	2.1	3522
	15	60	3.6	3150	0.3	40	25	-10	100	NBR	E321H15 ¹²⁴	2995	481865		8	9	2.0	3522
	15	60	3.6	3150	0.3	40	30	-10	100	NBR	E321H15 ¹²⁴	4270	481000		8	8	2.0	3522
	15	60	3.6	3150	0.3	40	40	-10	100	NBR	E321H15 ¹²⁴	4270	486265		14	14	2.0	3522

Notes:

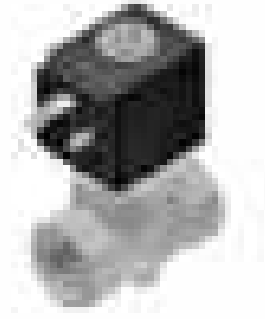
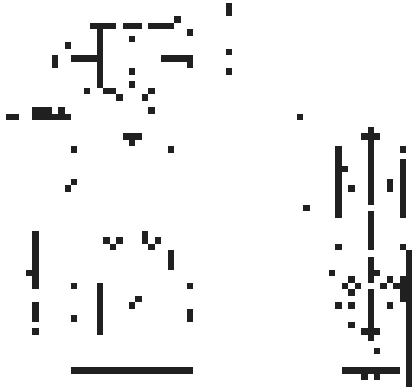
1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
2. Pilot seat disc in synthetic Ruby
3. Valve with manual override
4. With 4 position selector for controlled closure rate



Drawing 3522



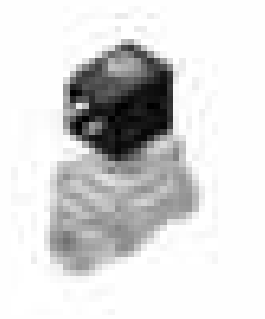
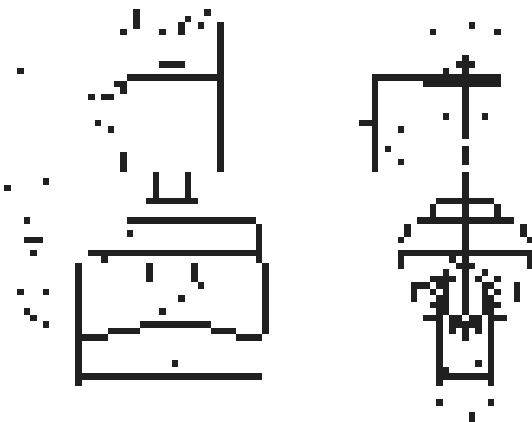
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/2"	11	36	3	-10	-10
To	1/2"	15	60	40	120	50



Drawing 3427



Drawing 7093



Drawing 3978

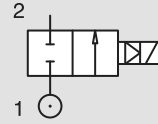
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL
GASES AND LIQUIDS
PILOT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
3/4"	15	-	-	3550	1.5	40	40	-10	50	PUR	321H36 ₁	2995	481865	8	9	2.1	3696
	15	-	-	3550	1.5	40	40	-10	50	PUR	321H36 ₁	4270	481000	8	8	2.1	3696
	18	100	6	9400	0.3	10	10	-10	100	NBR	321K36	8993	481180	4	5	1.1	7097
	18	100	6	9400	0.3	10	7	-10	75	NBR	321K36	8993	488980	2	2.5	1.1	7097
	18	100	6	9400	0.3	10	10	-10	100	FKM	321K3606	8993	481180	4	5	1.1	7097
	18	100	6	9400	0.3	10	7	-10	75	FKM	321K3606	8993	488980	2	2.5	1.1	7097
	20	135	8.1	9500	0.3	16	16	-10	100	NBR	E321G36	2995	481865	8	9	2.0	3442
	20	135	8.1	9500	0.3	16	16	-10	100	NBR	E321G36	4270	481000	8	8	2.0	3442
	20	135	8.1	9500	0.3	16	16	-10	100	FKM	E321G3606	2995	481865	8	9	2.0/14.1	3442
	20	135	8.1	9500	0.3	16	16	-10	120	FKM	E321G3606	4270	481000	8	8	2.0/14.1	3442
20	135	8.1	9500	0.3	16	16	-10	120	FKM	E321G3606	4270	486265	14	14	2.0/14.1	3442	

Notes:

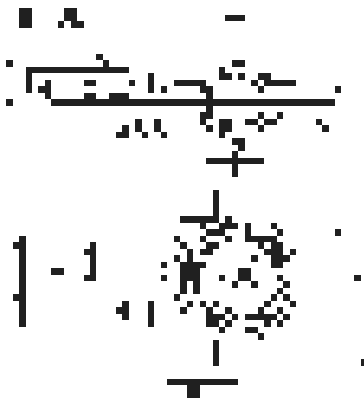
1. Pilot seat disc in synthetic Ruby



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/4"	15	100	7	-10	-10
To	3/4"	20	135	40	120	50



Drawing 3696



Drawing 7097



Drawing 3442

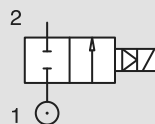
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL
GASES AND LIQUIDS
PILOT OPERATED

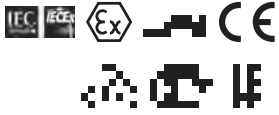
BRASS

PIPE MOUNTING

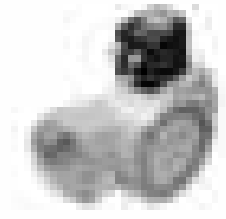
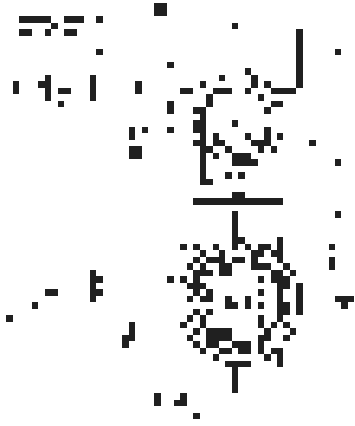
NORMALLY CLOSED



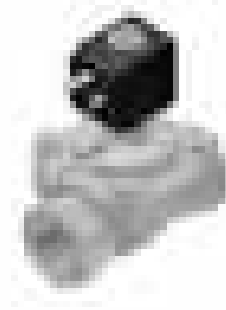
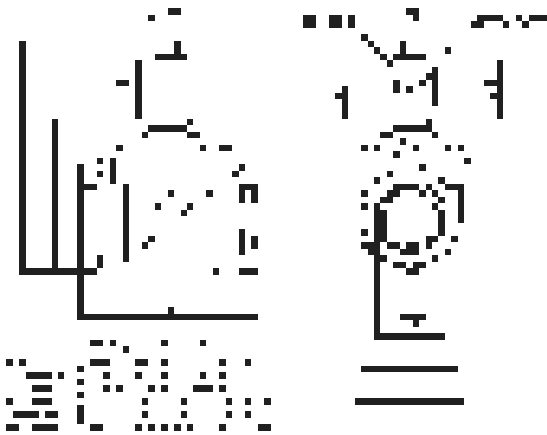
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			IS	Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.		AC W	DC W		
1"	18	110	6.6	10150	0.3	10	10	-10	100	NBR	321K37	8993	481180		4	5	1.1	7098
	18	110	6.6	10150	0.3	10	7	-10	75	NBR	321K37	8993	488980		2	2.5	1.1	7098
	18	110	6.6	10150	0.3	10	10	-10	100	FKM	321K3706	8993	481180		4	5	1.1	7098
	18	110	6.6	10150	0.3	10	7	-10	75	FKM	321K3706	8993	488980		2	2.5	1.1	7098
	25	185	11.1	14100	0.3	-	10	-10	75	NBR	321G3790	2995	483580.01	*	-	0.5 to 3	7.0/8.0	3442
	25	185	11.1	14100	0.3	-	10	-10	75	NBR	321G3790	-	488660.01	*	-	0.3 to 3	7.0/8.0	3442
	25	185	11.1	14100	0.3	-	10	-10	75	NBR	321G3790	-	495910	*	-	0.3 to 3	7.0/8.0	3442
	25	180	10.8	14000	0.3	16	16	-10	100	NBR	E321G37	2995	481865		8	9	2.0	3442
	25	180	10.8	14000	0.3	16	16	-10	100	NBR	E321G37	4270	481000		8	8	2.0	3442
	25	180	10.8	14000	0.3	16	16	-10	100	FKM	E321G3706	2995	481865		8	9	2.0/14.1	3442
	25	180	10.8	14000	0.3	16	16	-10	120	FKM	E321G3706	4270	481000		8	8	2.0/14.1	3442
	25	180	10.8	14000	0.3	16	16	-10	120	FKM	E321G3706	4270	486265		14	14	2.0/14.1	3442
	28	270	16.2	18000	0.3	16	16	-10	100	NBR	E321G38	2995	481865		8	9	2.0	3442
	28	270	16.2	18000	0.3	16	16	-10	100	NBR	E321G38	4270	481000		8	8	2.0	3442
	28	270	16.2	18000	0.3	16	16	-10	100	FKM	E321G3806	2995	481865		8	9	2.0	3442
	28	270	16.2	18000	0.3	16	16	-10	120	FKM	E321G3806	4270	481000		8	8	2.0	3442
28	270	16.2	18000	0.3	16	16	-10	100	FKM	E321G3806	4270	486265		14	14	2.0	3442	



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1"	18	110	7	-10	-10
To	1"	28	270	16	120	50



Drawing 7098



Drawing 3442

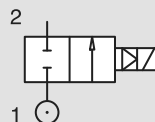
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
PILOT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



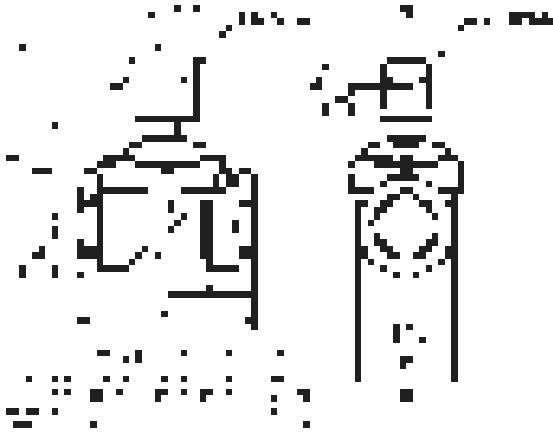
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			IS	Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.		AC W	DC W		
1 1/2"	40	425	25.5	31500	0.5	-	10	-10	75	NBR	321G3990	2995	483580.01	*	-	0.5 to 3	7.0/8.0	8113
	40	425	25.5	31500	0.5	-	10	-10	75	NBR	321G3990	-	488660.01	*	-	0.3 to 3	7.0/8.0	8113
	40	425	25.5	31500	0.5	-	10	-10	75	NBR	321G3990	-	495910	*	-	0.3 to 3	7.0/8.0	8113
	40	420	25.2	31500	0.3	16	7	-10	100	NBR	E321G39 ₁	2995	481865		8	9	2.0	3442
	40	420	25.2	31500	0.3	16	8.5	-10	100	NBR	E321G39 ₁	4270	481000		8	8	2.0	3442
	40	420	25.2	31500	0.3	16	7	-10	100	FKM	E321G3906	2995	481865		8	9	2.0	3442
	40	420	25.2	31500	0.3	16	8.5	-10	120	FKM	E321G3906	4270	481000		8	8	2.0	3442
	40	420	25.2	31500	0.3	16	16	-10	100	FKM	E321G3906	4270	486265		14	14	2.0	3442
2"	40	540	32.4	38100	0.5	-	10	-10	75	NBR	321G4090	2995	483580.01	*	-	0.5 to 3	7.0/8.0	8113
	40	540	32.4	38100	0.5	-	10	-10	75	NBR	321G4090	-	488660.01	*	-	0.3 to 3	7.0/8.0	8113
	40	540	32.4	38100	0.5	-	10	-10	75	NBR	321G4090	-	495910	*	-	0.3 to 3	7.0/8.0	8113
	40	540	32.4	40000	0.3	16	7	-10	100	NBR	E321G40 ₁	2995	481865		8	9	2.0	3442
	40	540	32.4	40000	0.3	16	8.5	-10	100	NBR	E321G40 ₁	4270	481000		8	8	2.0	3442
	40	540	32.4	40000	0.3	16	7	-10	100	FKM	E321G4006	2995	481865		8	9	2.0	3442
	40	540	32.4	40000	0.3	16	8.5	-10	120	FKM	E321G4006	4270	481000		8	8	2.0	3442
	40	540	32.4	40000	0.3	16	7	-10	120	FKM	E321G4006	4270	486265		14	14	2.0	3442

Notes:

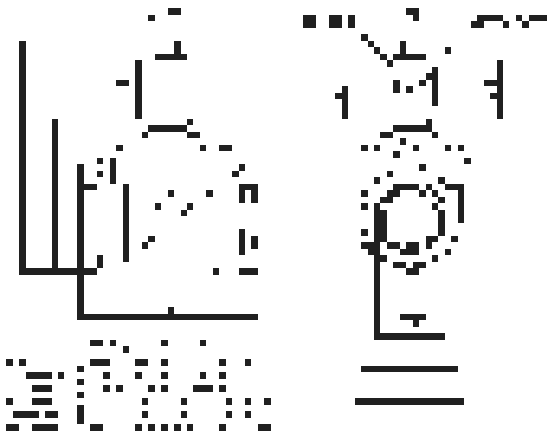
1. Pilot seat disc in synthetic Ruby



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1 1/2"	40	420	7	-10	-10
To	2"	40	540	16	120	50



Drawing 8113



Drawing 3442

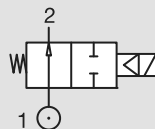
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL
GASES AND LIQUIDS
PILOT OPERATED

BRASS

PIPE MOUNTING

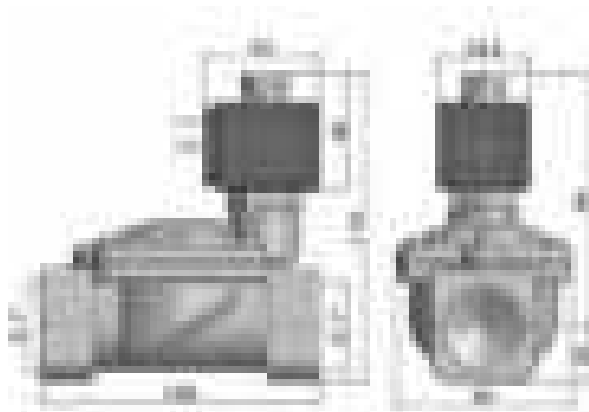
NORMALLY OPEN



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn m³/h	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Order Number	Valve Type	Coil Type	AC W	DC W		
3/8"	13	33	2	-	0.5	-	16	-10	90	NBR	366601 ₁	PM169.1IN	ZB16	-	12	20.1/20.2	052
	13	33	2	-	0.5	16	-	-10	90	NBR	366601	PM169.1IN	ZH14	9	-	20.1/20.2	052
1/2"	13	42	2.5	-	0.5	-	16	-10	90	NBR	366606 ₁	PM169.1AN	ZB16	-	12	20.1/20.2	049
	13	42	2.5	-	0.5	16	-	-10	90	NBR	366606	PM169.1AN	ZH14	9	-	20.1/20.2	049
3/4"	20	117	7	-	0.5	-	16	-10	90	NBR	366611 ₁	PM169.1CN	ZB16	-	12	20.1/20.2	050
	20	117	7	-	0.5	16	-	-10	90	NBR	366611	PM169.1CN	ZH14	9	-	20.1/20.2	050
1"	25	133	8	-	0.5	-	16	-10	90	NBR	366616 ₁	PM169.1DN	ZB16	-	12	20.1/20.2	051
	25	133	8	-	0.5	16	-	-10	90	NBR	366616	PM169.1DN	ZH14	9	-	20.1/20.2	051

Notes:

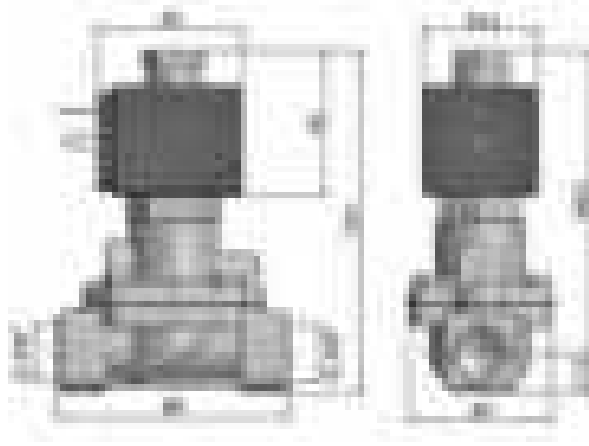
1. Valve only compatible with air and neutral gases



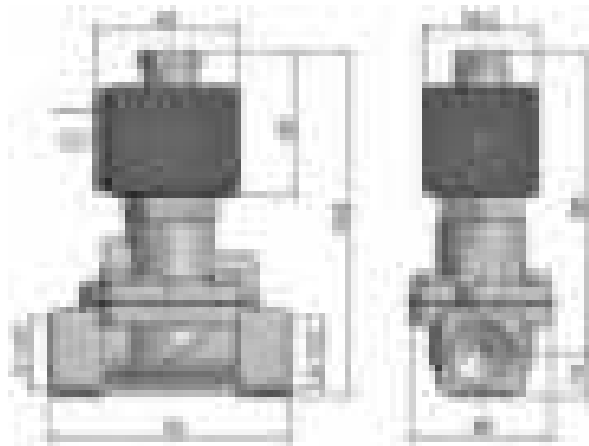
Drawing 051



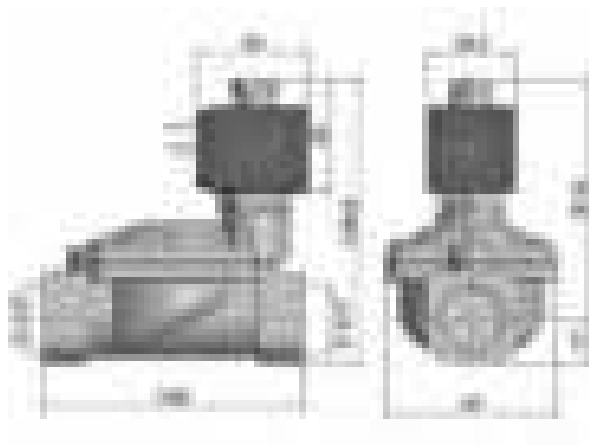
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/8"	13	33	16	-10	-10
To	1"	25	133	16	90	50



Drawing 052



Drawing 049



Drawing 050

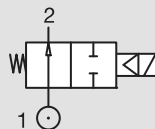
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL
GASES AND LIQUIDS
PILOT OPERATED

BRASS

PIPE MOUNTING

NORMALLY OPEN



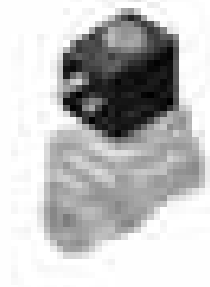
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
					Min	Max(MOPD)		Min	Max		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
						bar	AC bar										
BSP	mm	Kv l/min	KV m³/h	Qn l/min	bar	AC bar	DC bar	°C	°C				AC W	DC W			
1/4"	8	36	2.16	1600	0.3	40	25	-10	100	NBR	322H71 ₁₂	2995	481865	8	9	2.0	3523
	8	36	2.16	1600	0.3	40	30	-10	100	NBR	322H71 ₁₂	4270	481000	8	8	2.0	3523
	8	36	2.16	1600	0.3	40	40	-10	100	NBR	322H71 ₁₂	4270	486265	14	14	2.0	3523
	8	36	2.16	1600	0.3	40	40	-10	100	FKM	322H7106 ₁₂	2995	481865	8	9	2.0/14.1	3523
	8	36	2.16	1600	0.3	40	40	-10	120	FKM	322H7106 ₁₂	4270	481000	8	8	2.0/14.1	3523
	8	36	2.16	1600	0.3	40	40	-10	140	FKM	322H7106 ₁₂	4270	486265	14	14	2.0/14.1	3523
3/8"	11	50	3	3240	0.3	40	40	-10	75	NBR	322H73 ₁₂	2995	481865	8	9	2.0	3523
	11	50	3	3240	0.3	40	40	-10	75	NBR	322H73 ₁₂	4270	481000	8	8	2.0	3523
	11	50	3	3240	0.3	40	40	-10	75	NBR	322H73 ₁₂	4270	486265	14	14	2.0	3523
	11	50	3	3240	0.3	40	40	-10	100	FKM	322H7306 ₁₂	2995	481865	8	9	2.0/14.1	3523
	11	50	3	3240	0.3	40	40	-10	100	FKM	322H7306 ₁₂	4270	481000	8	8	2.0/14.1	3523
	11	50	3	3240	0.3	40	40	-10	140	FKM	322H7306 ₁₂	4270	486265	14	14	2.0/14.1	3523
1/2"	15	60	3.6	3890	0.3	15	15	-10	100	NBR	322G75	2995	481865	8	9	2.1	3522
	15	60	3.6	3890	0.3	15	15	-10	100	NBR	322G75	4270	481000	8	8	2.1	3522
	15	60	3.6	3890	0.3	20	20	-10	100	FKM	322G7506 ₁	2995	481865	8	9	2.0	3522
	15	60	3.6	3890	0.3	20	20	-10	100	FKM	322G7506 ₁	4270	481000	8	8	2.0	3522
	15	60	3.6	3890	0.3	20	20	-10	100	FKM	322G7506 ₁	4270	486265	14	14	2.0	3522
	15	60	3.6	3150	1.5	40	40	-10	50	PUR	322H35 ₃	2995	481865	8	9	2.1	7569
	15	60	3.6	3150	1.5	40	40	-10	50	PUR	322H35 ₃	4270	481000	8	8	2.1	7569
	15	60	3.6	3890	0.3	40	40	-10	100	NBR	322H75 ₁₂	2995	481865	8	9	2.0	3522
	15	60	3.6	3890	0.3	40	40	-10	100	NBR	322H75 ₁₂	4270	481000	8	8	2.0	3522
	15	60	3.6	3890	0.3	40	40	-10	100	NBR	322H75 ₁₂	4270	486265	14	14	2.0	3522
	15	60	3.6	3890	0.3	40	40	-10	100	FKM	322H7506 ₁₂	2995	481865	8	9	2.0/14.1	3522
	15	60	3.6	3890	0.3	40	40	-10	120	FKM	322H7506 ₁₂	4270	481000	8	8	2.0/14.1	3522
	15	60	3.6	3890	0.3	40	40	-10	140	FKM	322H7506 ₁₂	4270	486265	14	14	2.0/14.1	3522

Notes:

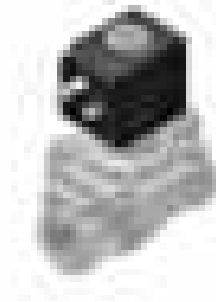
1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
2. Pilot seat disc in synthetic Ruby
3. Valve only compatible with air and neutral gases



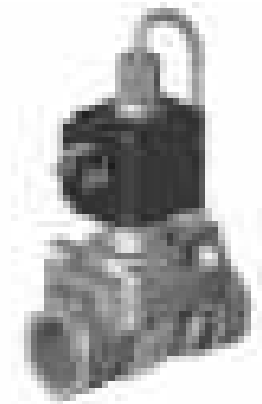
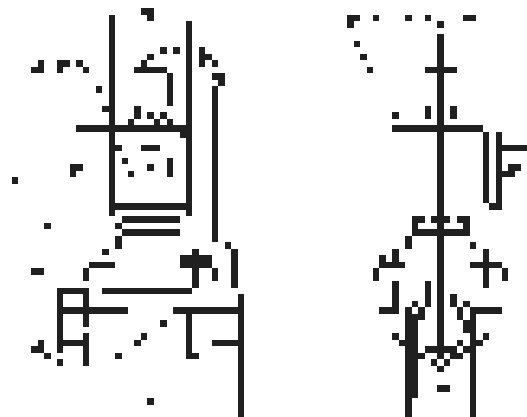
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	8	36	15	-10	-10
To	1/2"	15	60	40	140	50



Drawing 3523



Drawing 3522



Drawing 7569

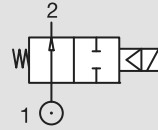
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL
GASES AND LIQUIDS
PILOT OPERATED

BRASS

PIPE MOUNTING

NORMALLY OPEN



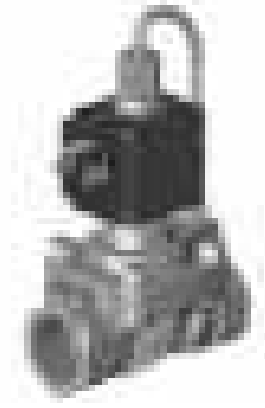
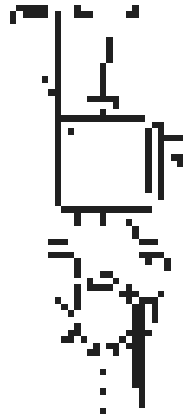
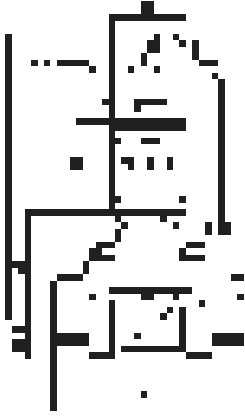
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
					Min	Max(MOPD)		Min	Max		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
						bar	AC bar										
BSP	mm	Kv l/min	KV m³/h	Qn l/min	bar	AC bar	DC bar	°C	°C				AC W	DC W			
3/4"	15	-	-	3550	1.5	40	40	-10	50	PUR	322H36 ₁₂	2995	481865	8	9	2.1	7570
	15	-	-	3550	1.5	40	40	-10	50	PUR	322H36 ₁₂	4270	481000	8	8	2.1	7570
	20	135	8.1	9500	0.3	16	16	-10	100	NBR	322G36	2995	481865	8	9	2.1	3442
	20	135	8.1	9500	0.3	16	16	-10	100	NBR	322G36	4270	481000	8	8	2.1	3442
	20	135	8.1	9500	0.3	16	16	-10	100	FKM	322G3606	2995	481865	8	9	2.1	3442
	20	135	8.1	9500	0.3	16	16	-10	120	FKM	322G3606	4270	481000	8	8	2.1	3442
1"	25	180	10.8	14000	0.3	16	16	-10	100	NBR	322G37	2995	481865	8	9	2.1	3442
	25	180	10.8	14000	0.3	16	16	-10	100	NBR	322G37	4270	481000	8	8	2.1	3442
	25	180	10.8	14000	0.3	16	16	-10	100	FKM	322G3706	2995	481865	8	9	2.1	3442
	25	180	10.8	14000	0.3	16	16	-10	120	FKM	322G3706	4270	481000	8	8	2.1	3442
1 1/4"	28	270	16.2	18000	0.3	16	16	-10	100	NBR	322G38	2995	481865	8	9	2.1	3442
	28	270	16.2	18000	0.3	16	16	-10	100	NBR	322G38	4270	481000	8	8	2.1	3442
	28	270	16.2	18000	0.3	16	16	-10	100	FKM	322G3806	2995	481865	8	9	2.1	3442
	28	270	16.2	18000	0.3	16	16	-10	120	FKM	322G3806	4270	481000	8	8	2.1	3442
1 1/2"	40	420	25.2	31500	0.3	12	12	-10	100	NBR	322G39	2995	481865	8	9	2.1	3442
	40	420	25.2	31500	0.3	12	12	-10	100	NBR	322G39	4270	481000	8	8	2.1	3442
	40	420	25.2	31500	0.3	12	12	-10	100	FKM	322G3906	2995	481865	8	9	2.1	3442
	40	420	25.2	31500	0.3	12	12	-10	100	FKM	322G3906	4270	481000	8	8	2.1	3442
2"	40	540	32.4	40000	0.3	12	12	-10	100	NBR	322G40	2995	481865	8	9	2.1	3442
	40	540	32.4	40000	0.3	12	12	-10	100	NBR	322G40	4270	481000	8	8	2.1	3442
	40	540	32.4	40000	0.3	12	12	-10	100	FKM	322G4006	2995	481865	8	9	2.1	3442
	40	540	32.4	40000	0.3	12	12	-10	120	FKM	322G4006	4270	481000	8	8	2.1	3442

Notes:

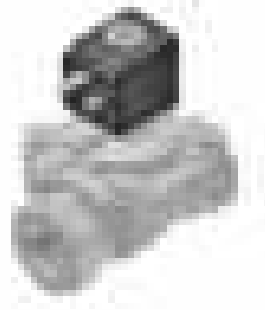
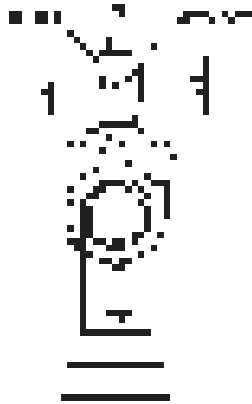
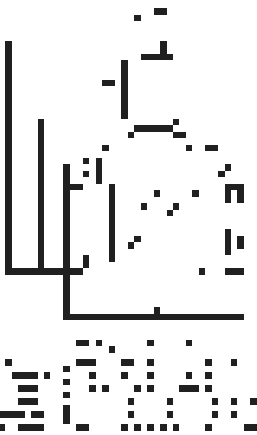
1. Minimum pressure differential = 1.5 bar for opening and 0.3 bar for closing
2. Valve only compatible with air and neutral gases



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/4"	15	-	12	-10	-10
To	2"	40	540	40	120	50



Drawing 7570



Drawing 3442

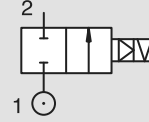
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS
PILOT OPERATED

BRASS

PIPE MOUNTING

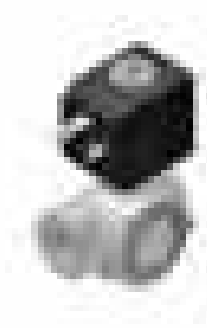
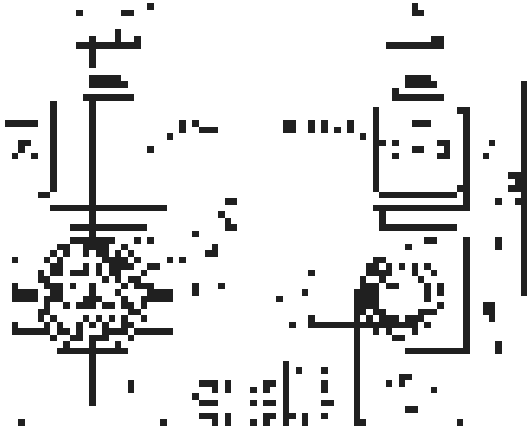
CONTROL BY ELECTRIC IMPULSE



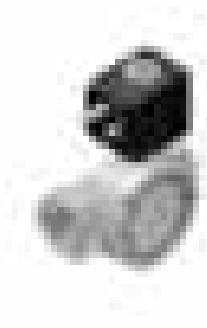
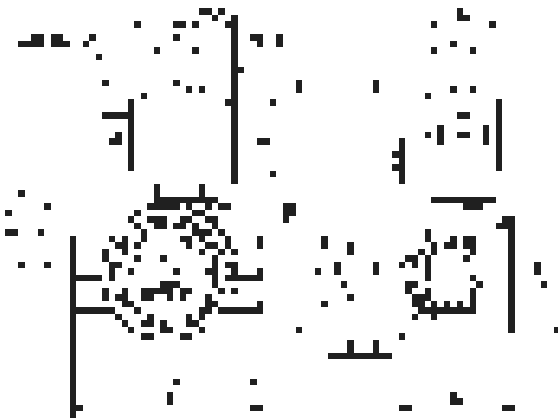
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
					Min	Max(MOPD)		Min	Max		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
					bar	AC bar	DC bar	°C	°C								
1/4"	12	32	1.92	2150	0.3	12	-	-10	100	FKM	325K4106	4269	484990	11	-	4.0	7094
	12	32	1.92	2150	0.3	-	12	-10	100	FKM	325K4106	4269	485400	-	13	4.0	7094
3/8"	12	45	2.7	3050	0.3	12	-	-10	100	FKM	325K4306	4269	484990	11	-	4.0	7094
	12	45	2.7	3050	0.3	-	12	-10	100	FKM	325K4306	4269	485400	-	13	4.0	7094
1/2"	12	50	3	3400	0.3	12	-	-10	100	FKM	325K4506	4269	484990	11	-	4.0	7094
	12	50	3	3400	0.3	-	12	-10	100	FKM	325K4506	4269	485400	-	13	4.0	7094
3/4"	18	100	6	9400	0.3	12	-	-10	100	FKM	325K4606	4269	484990	11	-	4.0	7099
	18	100	6	9400	0.3	-	12	-10	100	FKM	325K4606	4269	485400	-	13	4.0	7099
1"	18	110	6.6	10150	0.3	12	-	-10	100	FKM	325K4706	4269	484990	11	-	4.0	7100
	18	110	6.6	10150	0.3	-	12	-10	100	FKM	325K4706	4269	485400	-	13	4.0	7100



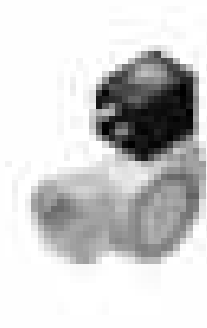
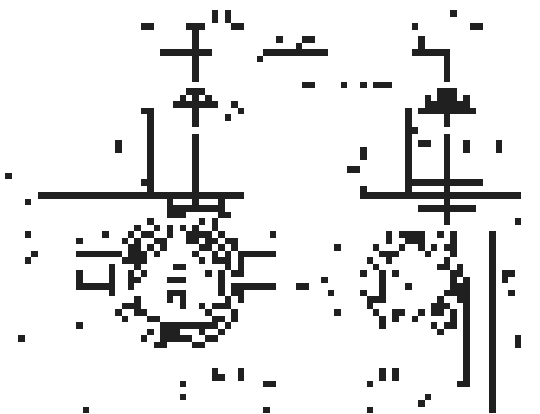
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	12	32	12	-10	-10
To	1"	18	110	12	100	50



Drawing 7094



Drawing 7099



Drawing 7100

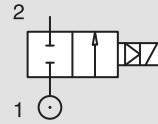
2/2

VALVES FOR DRY OR LUBRICATED AIR, NEUTRAL GASES AND LIQUIDS PILOT OPERATED

BRASS

SUB-BASE MOUNTING

NORMALLY CLOSED



Port size	Orifice Ø mm	Flow factors Kv l/min, KV m³/h, Qn l/min			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
					Min bar	Max(MOPD)		Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
						AC bar	DC bar										
SB	14	-	-	2100	1.5	40	40	-10	50	PUR	321F35	2995	481865	8	9	2.0	3520
	14	-	-	2100	1.5	40	40	-10	50	PUR	321F35	2995	492425	14	14	2.0	3520
	14	-	-	2100	0	13	13	-10	50	PUR	421F35	2995	481865	8	9	2.1	3520
	14	45	2.7	2100	0.3	40	25	-10	100	NBR	E321F32 ₂	2995	481865	8	9	2.0	3520
	14	45	2.7	2100	0.3	40	30	-10	100	NBR	E321F32 ₂	4270	481000	8	8	2.0	3520
	14	45	2.7	2100	0.3	40	40	-10	100	NBR	E321F32 ₂	4270	486265	14	14	2.0	3520
	14	45	2.7	-	0.3	40	25	-10	100	FKM	E321F3202 ₁₂₃₄	2995	481865	8	9	2.0	3520
	14	45	2.7	-	0.3	40	30	-10	120	FKM	E321F3202 ₁₂₃₄	4270	481000	8	8	2.0	3520
14	45	2.7	-	0.3	40	40	-10	140	FKM	E321F3202 ₁₂₃₄	4270	486265	14	14	2.0	3520	

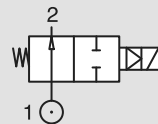
Notes:

1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
2. Pilot seat disc in synthetic Ruby
3. Valve only compatible with hydraulic oil and neutral liquids
4. With 4 position selector for controlled closure rate

BRASS

SUB-BASE MOUNTING

NORMALLY OPEN



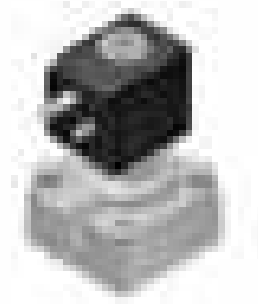
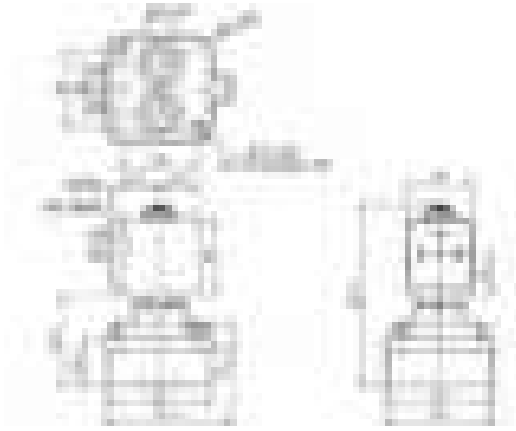
Port size	Orifice Ø mm	Flow factors Kv l/min, KV m³/h, Qn l/min			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
					Min bar	Max(MOPD)		Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
						AC bar	DC bar										
SB	14	-	-	2100	1.5	40	40	-10	50	PUR	322F35	2995	481865	8	9	2.1	7527
	14	46	2.76	-	0.3	40	40	-10	75	NBR	322F72 ₁₂₄	2995	481865	8	9	2.1	3520
	14	46	2.76	-	0.3	40	40	-10	75	NBR	322F72 ₁₂₄	4270	481000	8	8	2.1	3520
	14	45	2.7	-	0.3	40	40	0	100	FKM	322F7206 ₁₂₃₄	2995	481865	8	9	2.1/14.1	3520
	14	45	2.7	-	0.3	40	40	0	120	FKM	322F7206 ₁₂₃₄	4270	481000	8	8	2.1/14.1	3520

Notes:

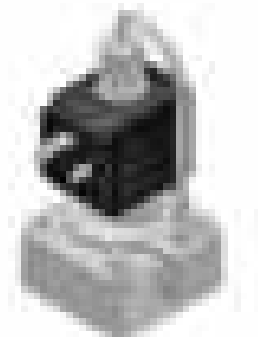
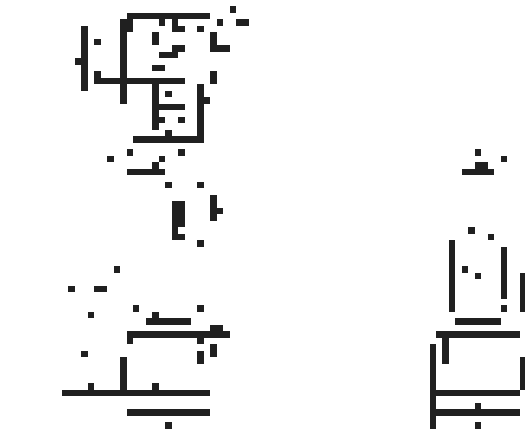
1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
2. Pilot seat disc in synthetic Ruby
3. Valve only compatible with hydraulic oil and neutral liquids
4. With 4 position selector for controlled closure rate



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	14 mm	14	-	13	-10	-10
To	14 mm	14	46	40	140	50



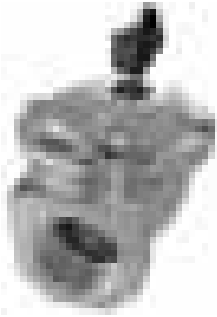
Drawing 3520



Drawing 7527

2 WAY VALVES

VALVES FOR WATER AND NEUTRAL LIQUIDS

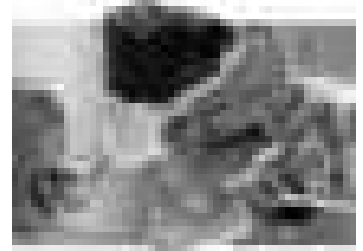
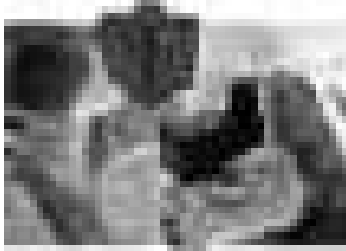


2/2

Actuation	Body	Function	Port Size	Orifice (mm)	Flow Factor Kv(l/min)	MOPD (bar)	Max Fluid Temp. (°C)	Page Parker Valves	Page Parker LUCIFER® Valves
Direct Operated	Brass/Pipe mounting	Normally Closed	1/8"	1.5 to 3	4.5	20	140	80	84
			1/4"	1.5 to 6	13	20	140	82	84
			3/8"	4 to 6	12	10	120	-	86
		Normally Open	1/2"	8.5 to 11	36	4	120	-	86
			1/4"	2.5	3	12	120	-	86
			Control by Electric Impulse	1/4"	5	11	5	100	-
Brass/Sub-base mounting	Normally Closed	SB	2 to 2.5	3	15	140	90	-	
		5 mm	1.5 to 3	4.5	20	120	-	92	
Pilot Operated	Brass/Pipe mounting	Normally Closed	1/4"	11 to 12	32	12	120	-	98
			3/8"	11 to 13	50	20	140	94	98
			1/2"	11 to 13	50	20	140	94	100
			3/4"	18 to 20	140	20	140	94	102
			1"	18 to 28	270	20	140	94	104
			1 1/4"	35	420	10	140	96	-
			1 1/2"	40	500	16	140	96	104
			2"	40 to 50	620	16	140	96	104
			Normally Open	1/4"	12	32	12	120	-
		3/8"		12 to 13	50	20	140	106	108
		1/2"		12 to 15	60	20	140	106	108
		3/4"		18 to 20	140	20	140	106	108
		1"		18 to 25	180	20	140	106	110
		1 1/4"		35	420	10	140	106	-
		1 1/2"		40	500	12	140	106	110
		2"		50	620	10	140	106	-
		2 1/2"		65	1100	10	90	106	-
		3"		75	1334	10	90	106	-
		Brass/Sub-base mounting	Normally Closed	14 mm	14	45	40	100	-

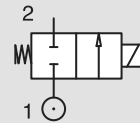
2/2

VALVES FOR WATER AND NEUTRAL LIQUIDS DIRECT OPERATED



BRASS PIPE MOUNTING

NORMALLY CLOSED



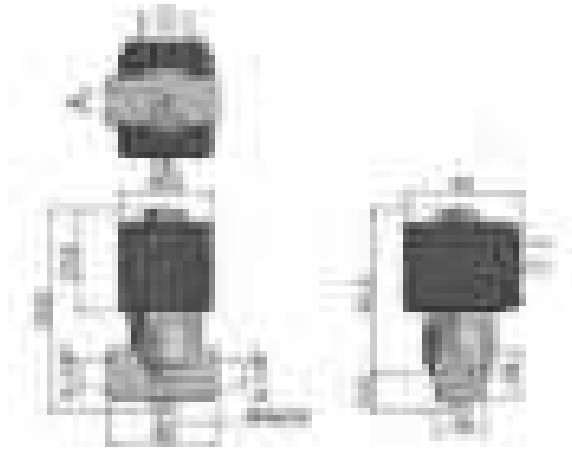
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv	KV	Qn	Min	Max(MOPD)	Min	Max	Valve Order Number		Valve Type	Coil Type	AC W	DC W			
BSP	mm	l/min	m ³ /h	m ³ /h	bar	AC bar	DC bar	°C	°C								
1/8"	1.5	1.5	0.09	-	0	20	-	-10	140	FKM	363378	PM146BV	ZB09	9	-	20.1/20.2	034
	1.5	1.5	0.09	-	0	-	18	-10	140	FKM	363378	PM146BV	ZB12	-	12	20.1/20.2	034
	2.2	2	0.12	-	0	10	-	-10	140	FKM	392349 ¹²	161.4AV	KT09 115/50	9	-	22.0	043
	2.2	2	0.12	-	0	10	-	-10	140	FKM	392355 ¹²	161.4AV	KT09 230/50	9	-	22.0	043
	2.2	2	0.12	-	0	10	-	-10	140	FKM	392335 ¹²	161.4AV	KT09 24/50	9	-	22.0	043
	2.2	2	0.12	-	0	10	-	-10	140	FKM	392366 ¹²	161.4AV	KT09 240/50	9	-	22.0	043
	2.2	2	0.12	-	0	-	6	-10	140	FKM	392372 ¹²	161.4AV	KT10 12 DC	-	10	22.0	043
	2.2	2	0.12	-	0	-	6	-10	140	FKM	392370 ¹²	161.4AV	KT10 24 DC	-	10	22.0	043
	2.5	3.3	0.20	-	0	10	-	-10	140	FKM	363380	PM146FV	ZB09	9	-	20.1/20.2	034
	2.5	3.3	0.20	-	0	-	5	-10	140	FKM	363380	PM146FV	ZB12	-	12	20.1/20.2	034
	2.8	2.9	0.17	-	0	6	-	-10	140	FKM	392389 ¹²	161.4BV	KT09 115/60	9	-	22.0	043
	2.8	2.9	0.17	-	0	6	-	-10	140	FKM	392388 ¹²	161.4BV	KT09 230/50	9	-	22.0	043
3	4.5	0.27	-	0	7	-	-10	140	FKM	363390	PM146HV	ZB09	9	-	20.1/20.2	034	
3	4.5	0.27	-	0	-	2	-10	140	FKM	363390	PM146HV	ZB12	-	12	20.1/20.2	034	

Notes:

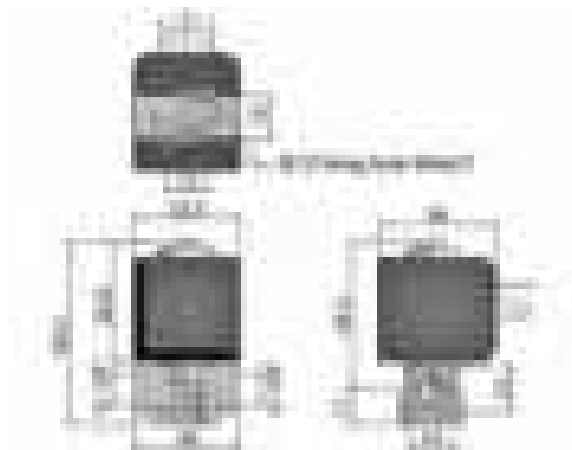
1. Maximum pressure for steam: 4 Bar (140°C)
2. Ordering number is for an assembled valve and coil, with the voltage shown.



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/8"	1.5	1.5	2	-10	-10
To	1/8"	3	4.5	20	140	50



Drawing 034



Drawing 043

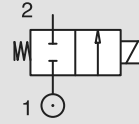
2/2

VALVES FOR WATER AND NEUTRAL LIQUIDS DIRECT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



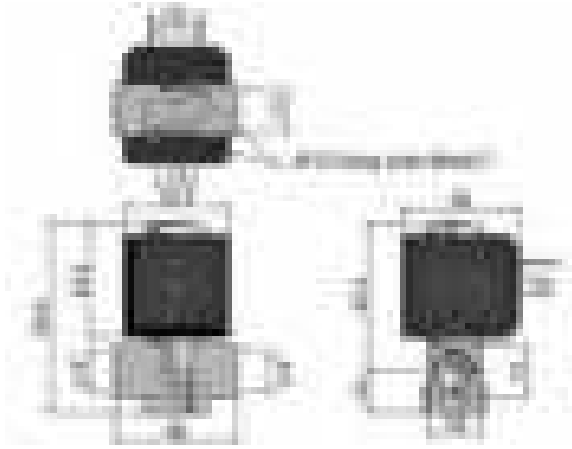
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.	
		Kv l/min	KV m³/h	Qn m³/h	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Order Number	Valve Type	Coil Type	AC W	DC W			
BSP	2.2	2	0.12	-	0	10	-	-10	140	FKM	392408 ¹²	161.4EV	KT09 115/50	9	-	22.0	044	
	2.2	2	0.12	-	0	10	-	-10	140	FKM	392408 ¹²	161.4EV	KT09 115/60	9	-	22.0	044	
	2.2	2	0.12	-	0	10	-	-10	140	FKM	392409 ¹²	161.4EV	KT09 208-230/60	9	-	22.0	044	
	2.2	2	0.12	-	0	10	-	-10	140	FKM	392395 ¹²	161.4EV	KT09 230/50	9	-	22.0	044	
	2.2	2	0.12	-	0	10	-	-10	140	FKM	392173 ¹²	161.4EV	KT09 24/50	9	-	22.0	044	
	2.2	2	0.12	-	0	10	-	-10	140	FKM	392396 ¹²	161.4EV	KT09 240/50	9	-	22.0	044	
	1/4"	2.2	2	0.12	-	0	-	6	-10	140	FKM	392170 ¹²	161.4EV	KT10 12V DC	-	10	22.0	044
		2.2	2	0.12	-	0	-	6	-10	140	FKM	392169 ¹²	161.4EV	KT10 24 DC	-	10	22.0	044
		3	4.5	0.27	-	0	7	-	-10	140	FKM	363444	PM146YV	ZB09	9	-	20.1/20.2	035
		3	4.5	0.27	-	0	-	2	-10	140	FKM	363444	PM146YV	ZB12	-	12	20.1/20.2	035
		4.5	9	0.53	-	0	6	-	-10	140	FKM	363457	PM146.3KV	ZB14	14	-	20.2	035
		4.5	9	0.53	-	0	-	2.5	-10	140	FKM	363457	PM146.3KV	ZB16	-	16	20.2	035
6	13	0.75	-	0	6	-	-10	140	FKM	363467	PM146.3ABV	ZB14	14	-	20.2	035		
	6	13	0.75	-	0	-	1	-10	140	FKM	363467	PM146.3ABV	ZB16	-	16	20.2	035	

Notes:

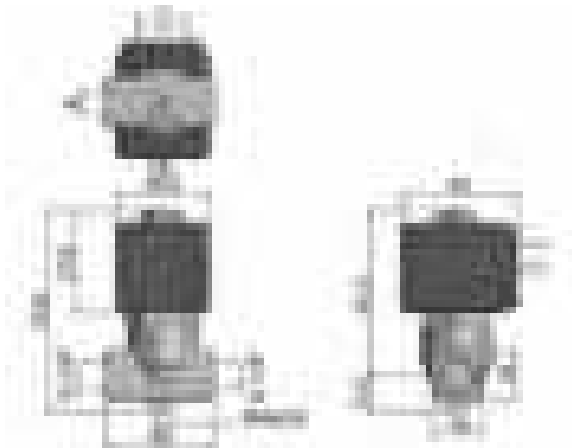
1. Maximum pressure for steam: 4 Bar (140°C)
2. Ordering number is for an assembled valve and coil, with the voltage shown.



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	2.2	2	1	-10	-10
To	1/4"	6	13	10	140	50



Drawing 044



Drawing 035

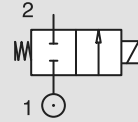
2/2

VALVES FOR WATER AND NEUTRAL LIQUIDS DIRECT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



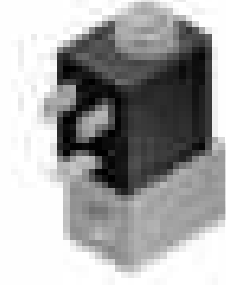
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/8"	1.5	0.9	0.05	70	0	20	12	-10	75	FKM	121M14	8993	481180	4	5	1.1	3382
	1.5	0.9	0.05	70	0	20	4	-10	75	FKM	121M14	8993	488980	2	2.5	1.1	3382
	2	2	0.12	125	0	10	7	-10	75	FKM	121M13	8993	481180	4	5	1.1	3382
	2	2	0.12	125	0	10	2.5	-10	75	FKM	121M13	8993	488980	2	2.5	1.1	3382
1/4"	1.5	1.5	0.09	80	0	20	20	-10	100	FKM	E121K0402	2995	481865	8	9	2.0/3.0	3510
	1.5	1.5	0.09	80	0	20	20	-10	120	FKM	E121K0402	4270	481000	8	8	2.0/3.0	3510
	2.5	3.5	0.21	220	0	14	7	-10	100	FKM	121K0706	2995	481865	8	9	2.0	3510
	2.5	3.5	0.21	220	0	14	9	-10	120	FKM	121K0706	4270	481000	8	8	2.0	3510
	2.5	3.5	0.21	220	0	14	14	-10	120	FKM	121K0706	4270	486265	14	14	2.0	3510
	3	4.5	0.27	320	0	10	7	-10	100	FKM	E121K0302	2995	481865	8	9	2.0	3510
	3	4.5	0.27	320	0	10	8.5	-10	120	FKM	E121K0302	4270	481000	8	8	2.0	3510
	3	4.5	0.27	320	0	10	7	-10	100	FKM	E121K0302	4270	486265	14	14	2.0	3510
	3	4.5	0.27	320	0	10	7	-10	100	FKM	E121K0352 ₁	2995	481865	8	9	2.0	3510
	3	4.5	0.27	320	0	10	8.5	-10	120	FKM	E121K0352 ₁	4270	481000	8	8	2.0	3510
	3	4.5	0.27	320	0	10	10	-10	120	FKM	E121K0352 ₁	4270	486265	14	14	2.0	3510
	4	7.5	0.45	480	0	10	4	-10	100	FKM	121K02	2995	481865	8	9	2.0	3510
	4	7.5	0.45	480	0	10	5	-10	120	FKM	121K02	4270	481000	8	8	2.0	3510
	4	7.5	0.45	480	0	10	10	-10	120	FKM	121K02	4270	486265	14	14	2.0	3510
	4	7.5	0.45	480	0	10	4	-10	100	FKM	121K0250 ₁	2995	481865	8	9	2.0	3510
	4	7.5	0.45	480	0	10	5	-10	120	FKM	121K0250 ₁	4270	481000	8	8	2.0	3510
	4	7.5	0.45	480	0	10	10	-10	120	FKM	121K0250 ₁	4270	486265	14	14	2.0	3510
	5	11	0.66	750	0	7	2	-10	100	FKM	121K01	2995	481865	8	9	2.0/14.2	3510
	5	11	0.66	750	0	7	2.8	-10	120	FKM	121K01	4270	481000	8	8	2.0/14.2	3510
	5	11	0.66	750	0	7	5	-10	120	FKM	121K01	4270	486265	14	14	2.0/14.2	3510
5	11	0.66	750	0	7	2	-10	100	FKM	121K0106	2995	481865	8	9	2.0	3510	
5	11	0.66	750	0	7	2.8	-10	120	FKM	121K0106	4270	481000	8	8	2.0	3510	
5	11	0.66	750	0	7	5	-10	120	FKM	121K0106	4270	486265	14	14	2.0	3510	
5	11	0.66	750	0	7	2	-10	100	FKM	121K0150 ₁	2995	481865	8	9	2.0	3510	
5	11	0.66	750	0	7	2.8	-10	120	FKM	121K0150 ₁	4270	481000	8	8	2.0	3510	
5	11	0.66	750	0	7	5	-10	120	FKM	121K0150 ₁	4270	486265	14	14	2.0	3510	

Notes:

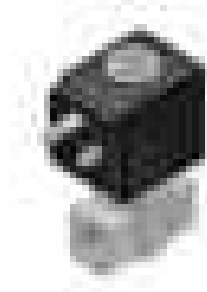
1. With manual override



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/8"	1.5	0.9	2	-10	-10
To	1/4"	5	11	20	120	50



Drawing 3382



Drawing 3510

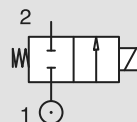
2/2

VALVES FOR WATER AND NEUTRAL LIQUIDS
DIRECT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED

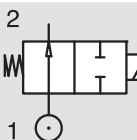


Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
3/8"	4	7.5	0.45	480	0	10	4	-10	100	FKM	121K3206	2995	481865	8	9	2.0	3551
	4	7.5	0.45	480	0	10	5	-10	120	FKM	121K3206	4270	481000	8	8	2.0	3551
	4	7.5	0.45	480	0	10	10	-10	120	FKM	121K3206	4270	486265	14	14	2.0	3551
	5	11	0.66	750	0	7	2	-10	100	FKM	121K3106	2995	481865	8	9	2.0	3551
	5	11	0.66	750	0	7	2.8	-10	120	FKM	121K3106	4270	481000	8	8	2.0	3551
	5	11	0.66	750	0	7	5	-10	120	FKM	121K3106	4270	486265	14	14	2.0	3551
	6	12	0.72	1100	0	5	1.1	-10	100	FKM	121K3306	2995	481865	8	9	2.0/14.2	3551
	6	12	0.72	1100	0	5	1.5	-10	120	FKM	121K3306	4270	481000	8	8	2.0/14.2	3551
1/2"	6	12	0.72	1100	0	5	3	-10	120	FKM	121K3306	4270	486265	14	14	2.0/14.2	3551
	8.5	25	1.5	1600	0	1.1	0.5	-10	100	FKM	E121K46	2995	481865	8	9	2.0	3427
	8.5	25	1.5	1600	0	2.2	0.5	-10	120	FKM	E121K46	4270	481000	8	8	2.0	3427
	8.5	25	1.5	1600	0	4	1.2	-10	120	FKM	E121K46	4270	486265	14	14	2.0	3427
	11	36	2.16	2500	0	0.7	0.3	-10	100	FKM	E121K45	2995	481865	8	9	2.0	3427
	11	36	2.16	2500	0	1.2	0.35	-10	120	FKM	E121K45	4270	481000	8	8	2.0	3427
	11	36	2.16	2500	0	2.5	0.7	-10	120	FKM	E121K45	4270	486265	14	14	2.0	3427

BRASS

PIPE MOUNTING

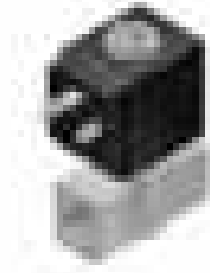
NORMALLY OPEN



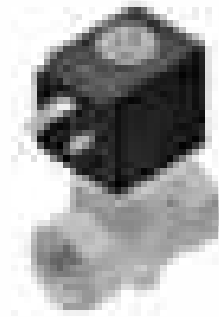
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/4"	2.5	3	0.18	180	0	12	12	-10	100	FKM	122K8306	2995	481865	8	9	2.0	3510
	2.5	3	0.18	180	0	12	12	-10	120	FKM	122K8306	4270	481000	8	8	2.0	3510
	2.5	3	0.18	180	0	12	12	-10	120	FKM	122K8306	4270	486265	14	14	2.0	3510



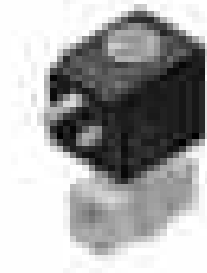
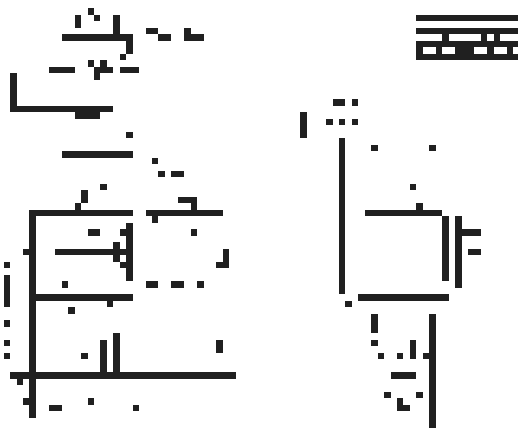
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	2.5	3	0.3	-10	-10
To	1/2"	11	36	12	120	50



Drawing 3551



Drawing 3427



Drawing 3510

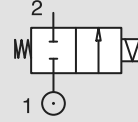
2/2

VALVES FOR WATER AND NEUTRAL LIQUIDS DIRECT OPERATED

BRASS

PIPE MOUNTING

CONTROL BY ELECTRIC IMPULSE



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/4"	5	11	0.66	750	0	5	-	-10	100	FKM	125K01	4269	484990	11	-	4.0	8296
	5	11	0.66	750	0	-	1.5	-10	100	FKM	125K01	4269	485400	-	13	4.0	8296



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	5	11	1.5	-10	-10
To	1/4"	5	11	5	100	50



Drawing 8296

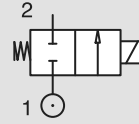
2/2

VALVES FOR WATER AND NEUTRAL LIQUIDS
DIRECT OPERATED

BRASS

SUB-BASE MOUNTING

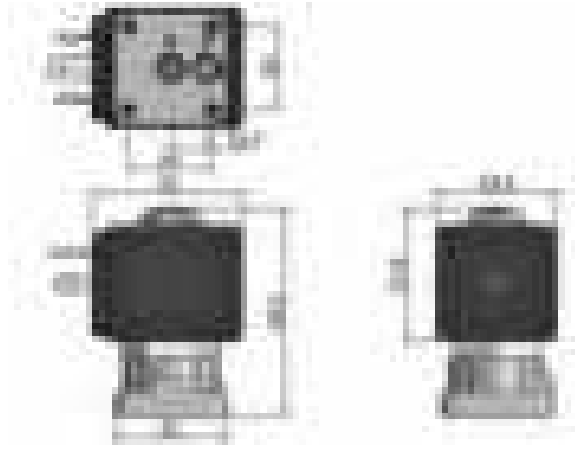
NORMALLY CLOSED



Port size	Orifice Ø mm	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn m³/h	Min bar	Max(MOPD)		Min °C	Max °C		Valve Order Number	Valve Type	Coil Type	AC W	DC W		
						AC bar	DC bar										
SB	2	2	0.12	-	0	15	-	-10	140	FKM	360469	PM125BV	ZB09	9	-	20.1/20.2	007
	2.5	3	0.18	-	0	10	-	-10	140	FKM	397146J	PM125CV.2	ZB09	9	-	20.1/20.2	007



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	SB	2	2	10	-10	-10
To	SB	2.5	3	15	140	50



Drawing 007

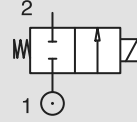
2/2

VALVES FOR WATER AND NEUTRAL LIQUIDS DIRECT OPERATED

BRASS

SUB-BASE MOUNTING

NORMALLY CLOSED



Port size	Orifice Ø mm	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
SB	1.5	1.5	0.09	80	0	20	20	-10	100	FKM	E121F4406	2995	481865	8	9	2.0	3509
	1.5	1.5	0.09	80	0	20	20	-10	120	FKM	E121F4406	4270	481000	8	8	2.0	3509
	1.5	1.5	0.09	80	0	20	20	-10	120	FKM	E121F4406	4270	486265	14	14	2.0	3509
	3	4.5	0.27	320	0	10	7	-10	100	FKM	E121F4302	2995	481865	8	9	2.0/3.0	3509
	3	4.5	0.27	320	0	10	8.5	-10	120	FKM	E121F4302	4270	481000	8	8	2.0/3.0	3509
	3	4.5	0.27	320	0	10	10	-10	120	FKM	E121F4302	4270	486265	14	14	2.0/3.0	3509



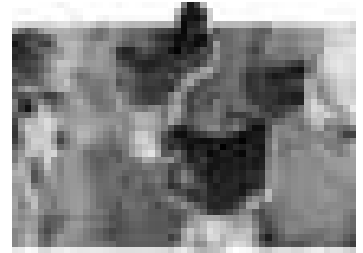
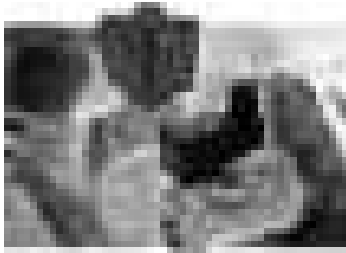
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	5 mm	1.5	1.5	7	-10	-10
To	5 mm	3	4.5	20	120	50



Drawing 3509

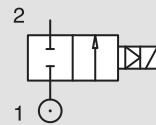
2/2

VALVES FOR WATER AND NEUTRAL LIQUIDS PILOT OPERATED



BRASS PIPE MOUNTING

NORMALLY CLOSED



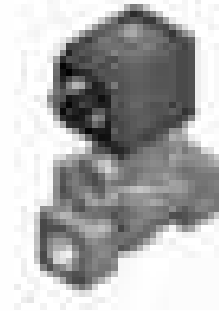
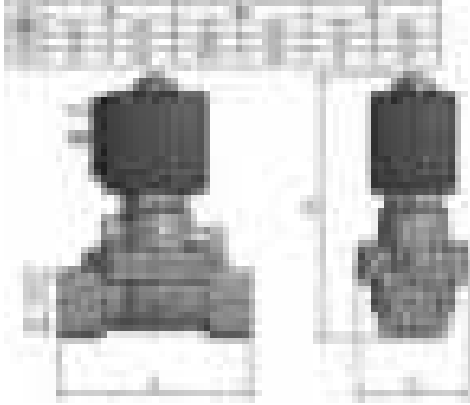
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn m³/h	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Order Number	Valve Type	Coil Type	AC W	DC W		
3/8"	13	50	3	-	0.1	10	10	-10	140	EPDM	443778W ₁	7321BIH00	481865	8	9	2.0	028
	13	50	3	-	0.1	20	20	-10	90	NBR	443776W	7321BIN00	481865	8	9	2.0	028
	13	50	3	-	0.1	20	20	-10	90	NBR	443777W ₂	7321BIN01	481865	8	9	2.0	028
	13	50	3	-	0.1	20	20	-10	140	FKM	444492W	7321BIV00	481865	8	9	2.0	028
1/2"	13	50	3	-	0.1	10	10	-10	140	EPDM	443781W ₁	7321BAH00	481865	8	9	2.0	028
	13	50	3	-	0.1	20	20	-10	90	NBR	443779W	7321BAN00	481865	8	9	2.0	028
	13	50	3	-	0.1	20	20	-10	90	NBR	443780W ₂	7321BAN01	481865	8	9	2.0	028
	13	50	3	-	0.1	20	20	-10	140	FKM	444494W	7321BAV00	481865	8	9	2.0	028
3/4"	20	140	8.4	-	0.1	10	10	-10	140	EPDM	443785W ₁	7321BCH00	481865	8	9	2.0	057
	20	140	8.4	-	0.1	20	20	-10	90	NBR	443782W	7321BCN00	481865	8	9	2.0	057
	20	140	8.4	-	0.1	10	10	-10	90	NBR	443783W ₂	7321BCN01	481865	8	9	2.0	057
	20	140	8.4	-	0.1	20	20	-10	140	FKM	444497W	7321BCV00	481865	8	9	2.0	057
1"	25	160	9.6	-	0.1	10	10	-10	140	EPDM	443789W ₁	7321BDH00	481865	8	9	2.0	057
	25	160	9.6	-	0.1	20	20	-10	90	NBR	443786W	7321BDN00	481865	8	9	2.0	057
	25	160	9.6	-	0.1	10	10	-10	90	NBR	443787W ₂	7321BDN01	481865	8	9	2.0	057
	25	160	9.6	-	0.1	20	20	-10	140	FKM	443804W	7321BDV00	481865	8	9	2.0	057

Notes:

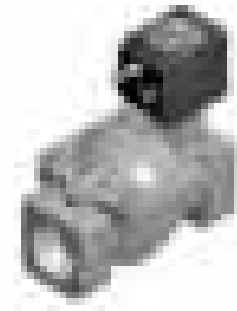
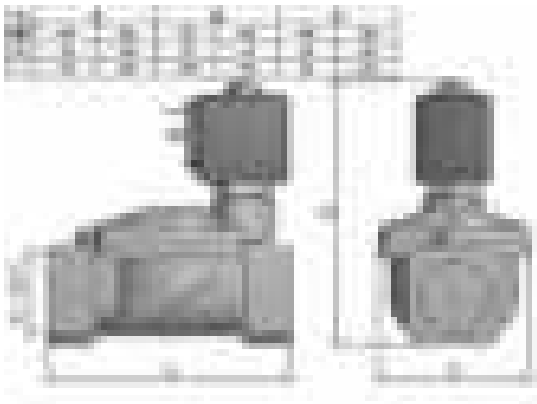
- 1. Maximum pressure for steam: 4 Bar (140°C)
- 2. With manual override



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/8"	13	50	10	-10	-10
To	1"	25	160	20	140	50



Drawing 028



Drawing 057

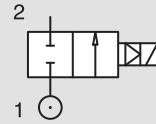
2/2

VALVES FOR WATER AND NEUTRAL LIQUIDS
PILOT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



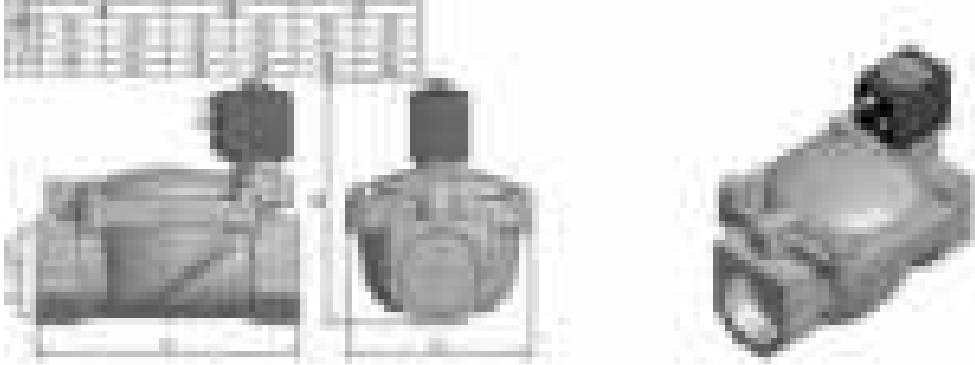
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn m³/h	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Order Number	Valve Type	Coil Type	AC W	DC W		
1 1/4"	35	420	25.2	-	0.1	10	10	-10	140	EPDM	443793W ₁	7321BEH00	481865	8	9	2.0	058
	35	420	25.2	-	0.1	10	10	-10	90	NBR	443790W	7321BEN00	481865	8	9	2.0	058
	35	420	25.2	-	0.1	5	5	-10	90	NBR	443791W ₂	7321BEN01	481865	8	9	2.0	058
1 1/2"	40	500	30	-	0.1	10	10	-10	140	EPDM	443797W ₁	7321BFH00	481865	8	9	2.0	058
	40	500	30	-	0.1	10	10	-10	90	NBR	443794W	7321BFN00	481865	8	9	2.0	058
	40	500	30	-	0.1	5	5	-10	90	NBR	443795W ₂	7321BFN01	481865	8	9	2.0	058
2"	50	620	37.2	-	0.1	10	10	-10	140	EPDM	443801W ₁	7321BGH00	481865	8	9	2.0	058
	50	620	37.2	-	0.1	10	10	-10	90	NBR	443798W	7321BGN00	481865	8	9	2.0	058
	50	620	37.2	-	0.1	5	5	-10	90	NBR	443799W ₂	7321BGN01	481865	8	9	2.0	058

Notes:

1. Maximum pressure for steam: 4 Bar (140°C)
2. With manual override



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1 1/4"	35	420	5	-10	-10
To	2"	50	620	10	140	50



Drawing 058

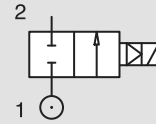
2/2

VALVES FOR WATER AND NEUTRAL LIQUIDS
PILOT OPERATED

BRASS

PIPE MOUNTING

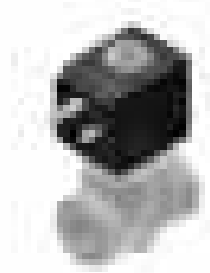
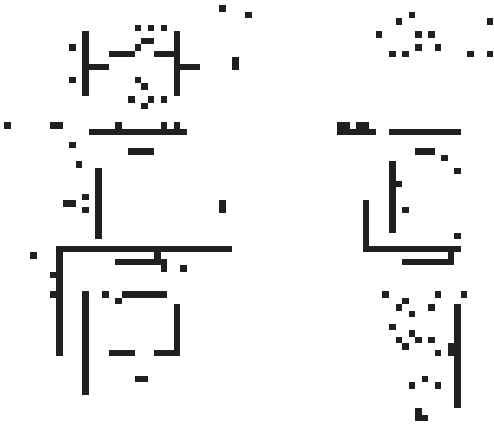
NORMALLY CLOSED



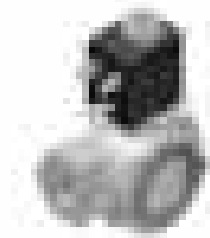
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
					Min	Max(MOPD)		Min	Max		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
						bar	AC bar										
BSP	mm	Kv l/min	KV m³/h	Qn l/min	bar	AC bar	DC bar	°C	°C				AC W	DC W			
1/4"	11	28	1.68	1800	0.2	10	3	-10	100	NBR	E321K10	2995	481865	8	9	2.0	3429
	11	28	1.68	1800	0.2	10	4	-10	100	NBR	E321K10	4270	481000	8	8	2.0	3429
	12	30	1.8	2150	0.3	10	10	-10	100	NBR	321K31	8993	481180	4	5	1.1	7093
	12	30	1.8	2150	0.3	10	7	-10	75	NBR	321K31	8993	488980	2	2.5	1.1	7093
	12	32	1.92	2150	0.3	12	12	-10	100	FKM	321K4106	2995	481865	8	9	2.1/3.0	7094
	12	32	1.92	2150	0.3	12	12	-10	120	FKM	321K4106	4270	481000	8	8	2.1/3.0	7094
3/8"	11	36	2.16	2500	0.2	10	4	-10	100	NBR	E321K13	4270	481000	8	8	2.0	3429
	11	36	2.16	2500	0.2	10	10	-10	100	NBR	E321K13	4270	486265	14	14	2.0	3429
	11	36	2.16	2500	0.2	10	-	-10	100	NBR	E321K1314	2995	483466	8 to 11	-	2.0	3429
	11	36	2.16	2500	0.2	10	10	-10	100	NBR	E321K1314	4270	486265	14	14	2.0	3429
	12	45	2.7	3050	0.3	10	10	-10	100	NBR	321K33	8993	481180	4	5	1.1	7093
	12	45	2.7	3050	0.3	10	7	-10	75	NBR	321K33	8993	488980	2	2.5	1.1	7093
	12	45	2.7	3050	0.3	12	12	-10	100	FKM	321K4306	2995	481865	8	9	2.1/3.0	7094
	12	45	2.7	3050	0.3	12	12	-10	120	FKM	321K4306	4270	481000	8	8	2.1/3.0	7094



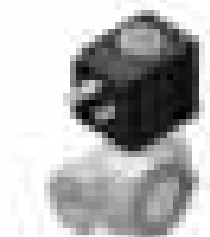
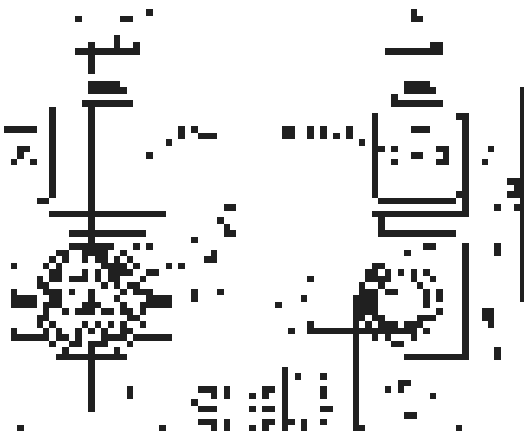
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	11	28	3	-10	-10
To	3/8"	12	45	12	120	50



Drawing 3429



Drawing 7093



Drawing 7094

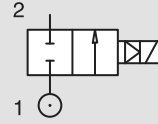
2/2

VALVES FOR WATER AND NEUTRAL LIQUIDS PILOT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



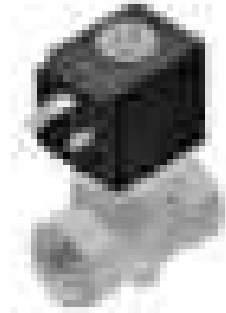
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
					Min	Max(MOPD)		Min	Max		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
					bar	AC bar	DC bar	°C	°C								
BSP	mm	Kv l/min	KV m³/h	Qn l/min	bar	AC bar	DC bar	°C	°C								
1/2"	11	36	2.16	2500	0.2	10	3	-10	100	NBR	E321K15	2995	481865	8	9	2.0	3427
	11	36	2.16	2500	0.2	10	10	-10	120	NBR	E321K15	4270	486265	14	14	2.0	3427
	11	36	2.16	2500	0.2	10	3	-10	100	NBR	E321K1514	2995	481865	8	9	2.0	3427
	11	36	2.16	2500	0.2	10	4	-10	120	NBR	E321K1514	-	483371	8	8	2.0	3427
	11	36	2.16	2500	0.2	10	3	-10	100	NBR	E321K25	2995	481865	8	9	2.0	3427
	11	36	2.16	2500	0.2	4	4	-10	120	NBR	E321K25	-	492070	9	8	2.0	3427
	12	50	3	3400	0.3	10	10	-10	100	NBR	321K35	8993	481180	4	5	1.1	7093
	12	50	3	3400	0.3	10	7	-10	75	NBR	321K35	8993	488980	2	2.5	1.1	7093
	12	50	3	3400	0.3	12	12	-10	100	FKM	321K4506	2995	481865	8	9	2.1/3.0	7094
	12	50	3	3400	0.3	12	12	-10	120	FKM	321K4506	4270	481000	8	8	2.1/3.0	7094
	12	50	3	3400	0.3	12	12	-10	100	FKM	321K4556	2995	481865	8	9	2.1/3.0	7094
	12	50	3	3400	0.3	12	12	-10	120	FKM	321K4556	4270	481000	8	8	2.1/3.0	7094

Notes:

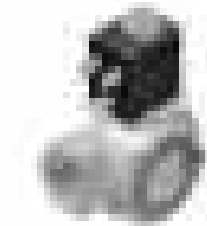
1. With manual override



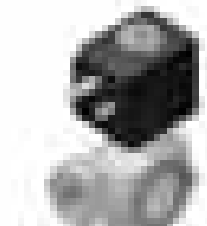
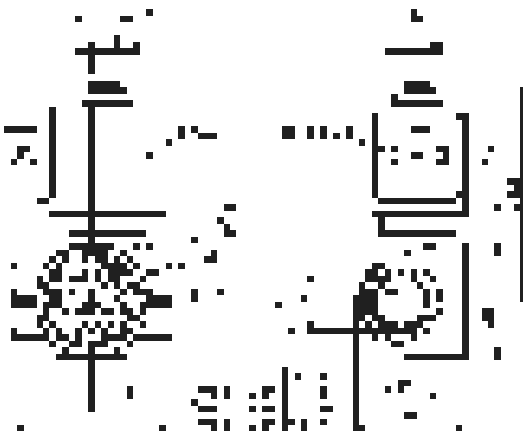
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/2"	11	36	3	-10	-10
To	1/2"	12	50	12	120	50



Drawing 3427



Drawing 7093



Drawing 7094

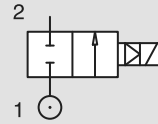
2/2

VALVES FOR WATER AND NEUTRAL LIQUIDS
PILOT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



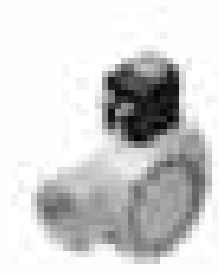
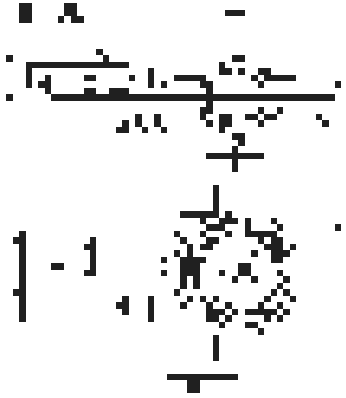
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
											Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
BSP	mm	Kv l/min	KV m³/h	Qn l/min	bar	AC bar	DC bar	°C	°C								
3/4"	18	100	6	9400	0.3	10	10	-10	100	NBR	321K36	8993	481180	4	5	1.1	7097
	18	100	6	9400	0.3	10	7	-10	75	NBR	321K36	8993	488980	2	2.5	1.1	7097
	18	100	6	9400	0.3	12	12	-10	100	FKM	321K4606	2995	481865	8	9	2.1/3.0	7099
	18	100	6	9400	0.3	12	12	-10	120	FKM	321K4606	4270	481000	8	8	2.1/3.0	7099
	18	100	6	9400	0.3	12	12	-10	100	FKM	321K4656 ₁	2995	481865	8	9	2.1/3.0	7099
	18	100	6	9400	0.3	12	12	-10	120	FKM	321K4656 ₁	4270	481000	8	8	2.1/3.0	7099
	20	135	8.1	9500	0.3	16	16	-10	100	NBR	E321G36	2995	481865	8	9	2.0	3442
	20	135	8.1	9500	0.3	16	16	-10	100	NBR	E321G36	4270	481000	8	8	2.0	3442

Notes:

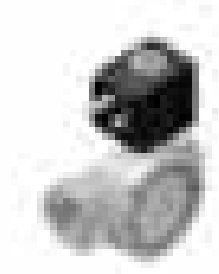
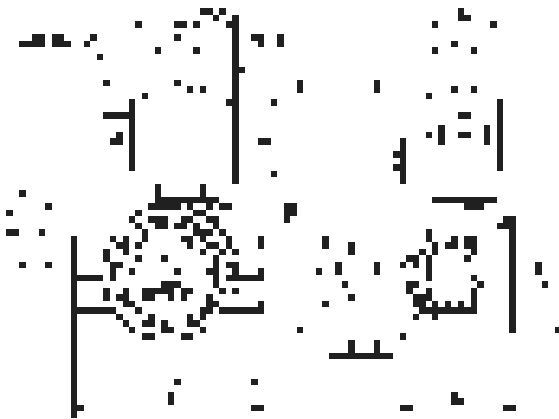
1. With manual override



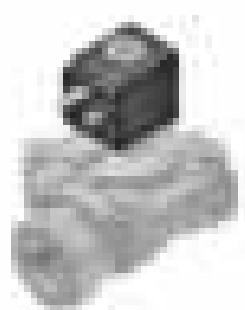
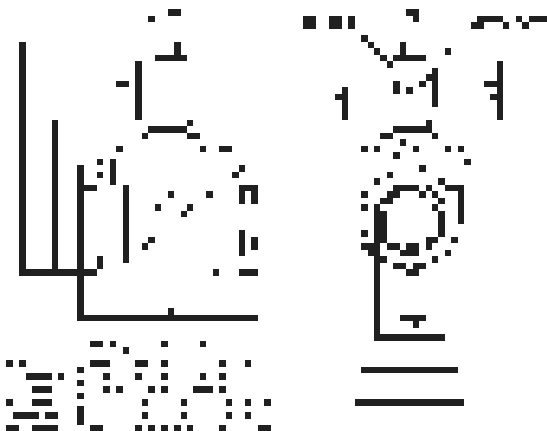
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/4"	18	100	7	-10	-10
To	3/4"	20	135	16	120	50



Drawing 7097



Drawing 7099



Drawing 3442

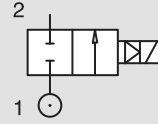
2/2

VALVES FOR WATER AND NEUTRAL LIQUIDS PILOT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



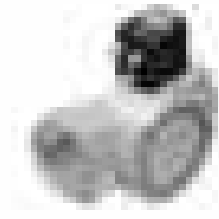
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
					Min	Max(MOPD)		Min	Max		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
						bar	AC bar										
BSP	mm	Kv l/min	KV m³/h	Qn l/min	bar	AC bar	DC bar	°C	°C								
1"	18	110	6.6	10150	0.3	10	10	-10	100	NBR	321K37	8993	481180	4	5	1.1	7098
	18	110	6.6	10150	0.3	10	7	-10	75	NBR	321K37	8993	488980	2	2.5	1.1	7098
	18	110	6.6	10150	0.3	12	12	-10	100	FKM	321K4706	2995	481865	8	9	2.1/3.0	7100
	18	110	6.6	10150	0.3	12	12	-10	120	FKM	321K4706	4270	481000	8	8	2.1/3.0	7100
	18	110	6.6	10150	0.3	12	12	-10	100	FKM	321K4756 ₂	2995	481865	8	9	2.1/3.0	7100
	18	110	6.6	10150	0.3	12	12	-10	120	FKM	321K4756 ₂	4270	481000	8	8	2.1/3.0	7100
	25	180	10.8	14000	0.3	16	16	-10	100	NBR	E321G37	2995	481865	8	9	2.0	3442
	25	180	10.8	14000	0.3	16	16	-10	100	NBR	E321G37	4270	481000	8	8	2.0	3442
1 1/2"	28	270	16.2	18000	0.3	16	16	-10	100	NBR	E321G38	2995	481865	8	9	2.0	3442
	28	270	16.2	18000	0.3	16	16	-10	100	NBR	E321G38	4270	481000	8	8	2.0	3442
	40	420	25.2	31500	0.3	16	7	-10	100	NBR	E321G39 ₁	2995	481865	8	9	2.0	3442
	40	420	25.2	31500	0.3	16	8.5	-10	100	NBR	E321G39 ₁	4270	481000	8	8	2.0	3442
2"	40	540	32.4	40000	0.3	16	7	-10	100	NBR	E321G40 ₁	2995	481865	8	9	2.0	3442
	40	540	32.4	40000	0.3	16	8.5	-10	100	NBR	E321G40 ₁	4270	481000	8	8	2.0	3442

Notes:

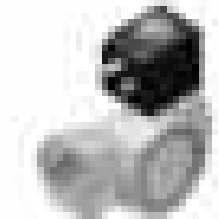
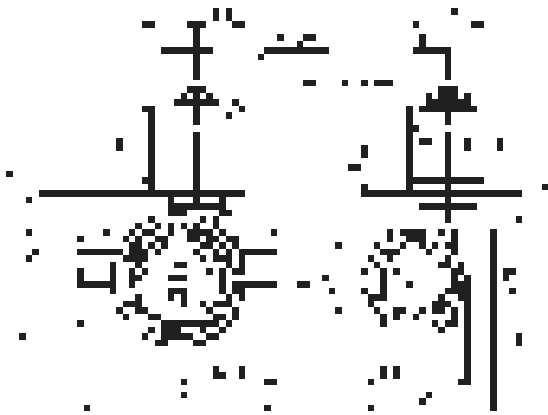
- 1. Pilot seat disc in synthetic Ruby
- 2. With manual override



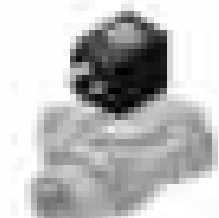
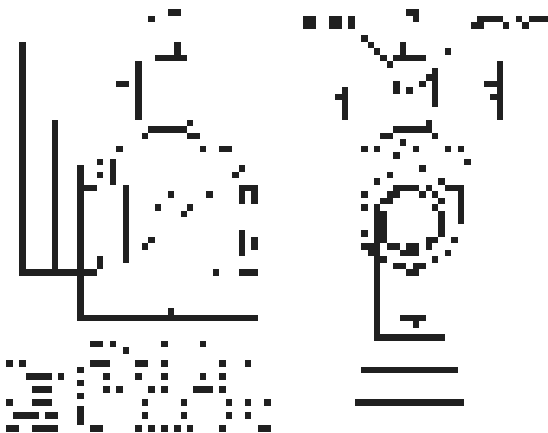
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1"	18	110	7	-10	-10
To	2"	40	540	16	120	50



Drawing 7098



Drawing 7100



Drawing 3442

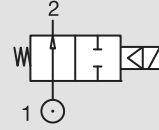
2/2

VALVES FOR WATER AND NEUTRAL LIQUIDS PILOT OPERATED

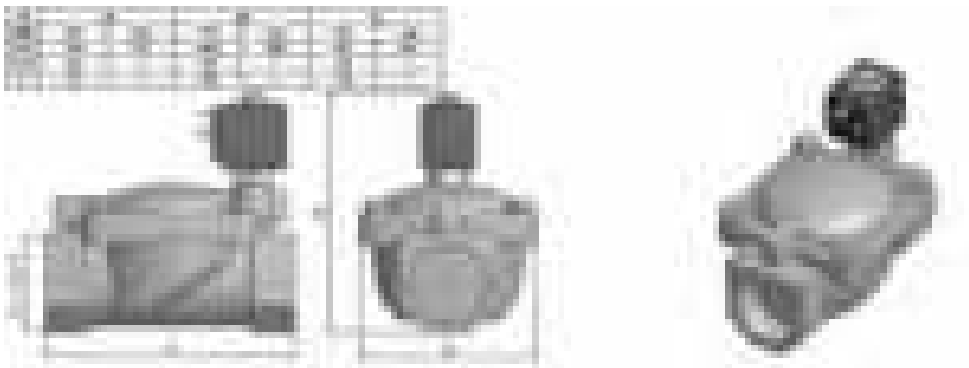
BRASS

PIPE MOUNTING

NORMALLY OPEN



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn m³/h	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Order Number	Valve Type	Coil Type	AC W	DC W		
3/8"	13	50	3	-	0.1	10	10	-10	140	EPDM	444600W	7322BIH00	481865	8	9	2.0	060
	13	50	3	-	0.1	20	20	-10	90	NBR	443805W	7322BIN00	481865	8	9	2.0	060
	13	50	3	-	0.1	20	20	-10	140	FKM	444499W	7322BIV00	481865	8	9	2.0	060
1/2"	13	50	3	-	0.1	10	10	-10	140	EPDM	444601W	7322BAH00	481865	8	9	2.0	060
	13	50	3	-	0.1	20	20	-10	90	NBR	443806W	7322BAN00	481865	8	9	2.0	060
	13	50	3	-	0.1	20	20	-10	140	FKM	444500W	7322BAV00	481865	8	9	2.0	060
3/4"	20	140	8.4	-	0.1	10	10	-10	140	EPDM	444602W	7322BCH00	481865	8	9	2.0	061
	20	140	8.4	-	0.1	20	20	-10	90	NBR	443807W	7322BCN00	481865	8	9	2.0	061
	20	140	8.4	-	0.1	20	20	-10	140	FKM	444501W	7322BCV00	481865	8	9	2.0	061
1"	25	160	9.6	-	0.1	10	10	-10	140	EPDM	444603W	7322BDH00	481865	8	9	2.0	061
	25	160	9.6	-	0.1	20	20	-10	90	NBR	443808W	7322BDN00	481865	8	9	2.0	061
	25	160	9.6	-	0.1	20	20	-10	140	FKM	444502W	7322BDV00	481865	8	9	2.0	061
1 1/4"	35	420	25.2	-	0.1	10	10	-10	140	EPDM	444576W	7322BEH00	481865	8	9	2.0	062
	35	420	25.2	-	0.1	10	10	-10	90	NBR	443809W	7322BEN00	481865	8	9	2.0	062
1 1/2"	40	500	30	-	0.1	10	10	-10	140	EPDM	444604W	7322BFH00	481865	8	9	2.0	062
	40	500	30	-	0.1	10	10	-10	90	NBR	443810W	7322BFN00	481865	8	9	2.0	062
2"	50	620	37.2	-	0.1	10	10	-10	140	EPDM	444605W	7322BGH00	481865	8	9	2.0	062
	50	620	37.2	-	0.1	10	10	-10	90	NBR	443811W	7322BGN00	481865	8	9	2.0	062
2 1/2"	65	1100	66	-	0.2	10	10	-10	90	NBR	444513W	7322BLN06	481865	8	9	2.0	063
3"	75	1334	80	-	0.2	10	10	-10	90	NBR	444503W	7322BMN06	481865	8	9	2.0	063



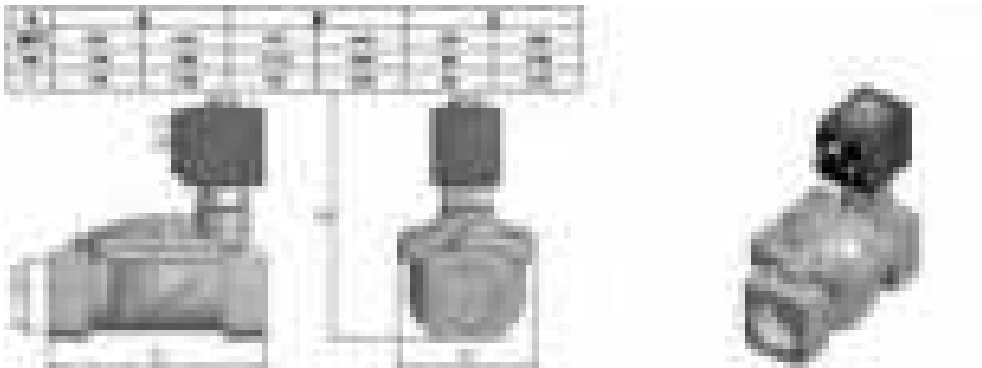
Drawing 062



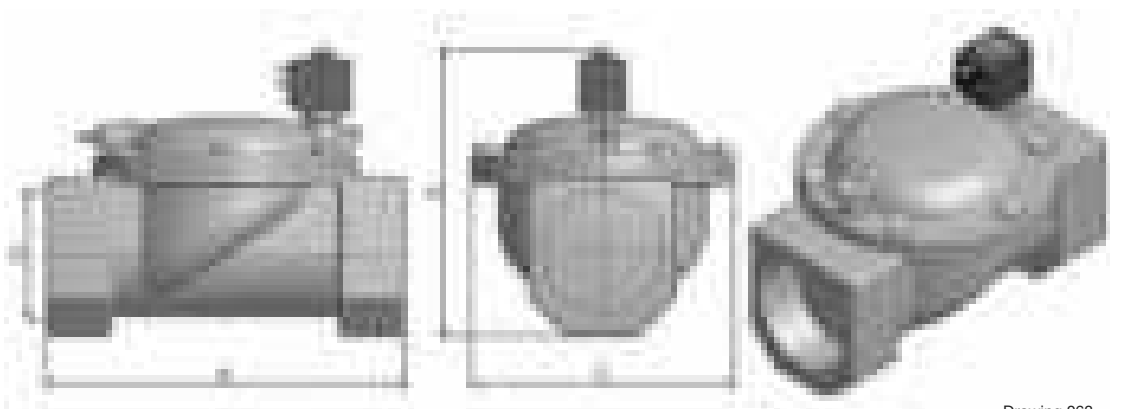
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/8"	13	50	10	-10	-10
To	3"	75	1334	20	140	50



Drawing 060



Drawing 061



Drawing 063

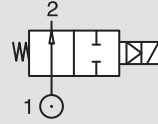
2/2

VALVES FOR WATER AND NEUTRAL LIQUIDS PILOT OPERATED

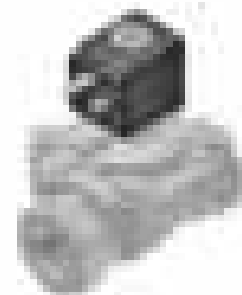
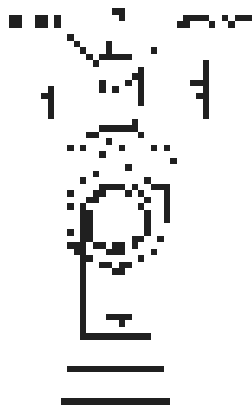
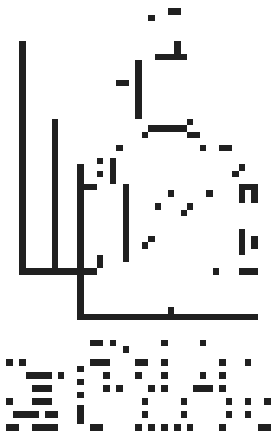
BRASS

PIPE MOUNTING

NORMALLY OPEN



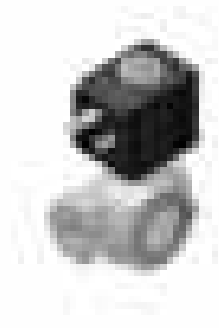
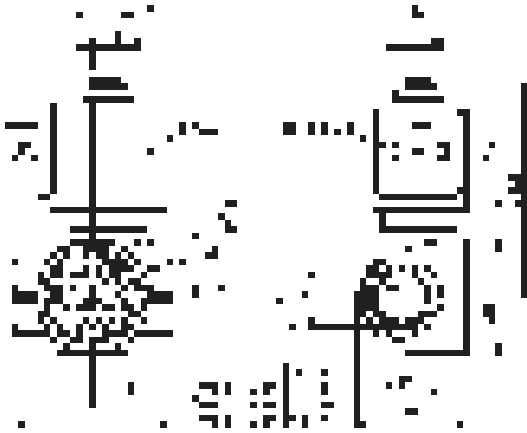
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
					Min	Max(MOPD)		Min	Max		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
					bar	AC bar	DC bar	°C	°C								
1/4"	12	32	1.92	2150	0.3	12	12	-10	100	FKM	322K4106	2995	481865	8	9	2.1	7094
	12	32	1.92	2150	0.3	12	12	-10	120	FKM	322K4106	4270	481000	8	8	2.1	7094
3/8"	12	45	2.7	3050	0.3	12	12	-10	100	FKM	322K4306	2995	481865	8	9	2.1	7094
	12	45	2.7	3050	0.3	12	12	-10	120	FKM	322K4306	4270	481000	8	8	2.1	7094
1/2"	12	50	3	3400	0.3	12	12	-10	100	FKM	322K4506	2995	481865	8	9	2.1	7094
	12	50	3	3400	0.3	12	12	-10	120	FKM	322K4506	4270	481000	8	8	2.1	7094
	15	60	3.6	3890	0.3	15	15	-10	100	NBR	322G75	2995	481865	8	9	2.1	3522
	15	60	3.6	3890	0.3	15	15	-10	100	NBR	322G75	4270	481000	8	8	2.1	3522
3/4"	18	100	6	9400	0.3	12	12	-10	100	FKM	322K4606	2995	481865	8	9	2.1	7099
	18	100	6	9400	0.3	12	12	-10	120	FKM	322K4606	4270	481000	8	8	2.1	7099
	20	135	8.1	9500	0.3	16	16	-10	100	NBR	322G36	2995	481865	8	9	2.1	3442
	20	135	8.1	9500	0.3	16	16	-10	100	NBR	322G36	4270	481000	8	8	2.1	3442



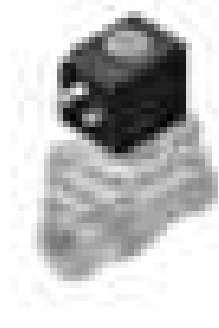
Drawing 3442



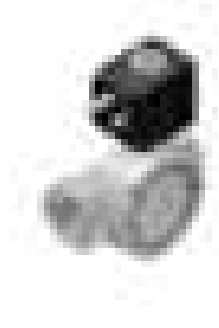
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	12	32	12	-10	-10
To	3/4"	20	135	16	120	50



Drawing 7094



Drawing 3522



Drawing 7099

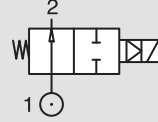
2/2

VALVES FOR WATER AND NEUTRAL LIQUIDS PILOT OPERATED

BRASS

PIPE MOUNTING

NORMALLY OPEN

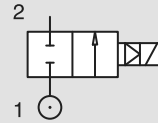


Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
					Min	Max(MOPD)		Min	Max		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
					bar	AC bar	DC bar	°C	°C								
BSP	mm	Kv l/min	KV m³/h	Qn l/min	bar	AC bar	DC bar	°C	°C				AC W	DC W			
1"	18	110	6.6	10150	0.3	12	12	-10	100	FKM	322K4706	2995	481865	8	9	2.0	7100
	18	110	6.6	10150	0.3	12	12	-10	120	FKM	322K4706	4270	481000	8	8	2.0	7100
	25	180	10.8	14000	0.3	16	16	-10	100	NBR	322G37	2995	481865	8	9	2.1	3442
	25	180	10.8	14000	0.3	16	16	-10	100	NBR	322G37	4270	481000	8	8	2.1	3442
1 1/2"	40	420	25.2	31500	0.3	12	12	-10	100	NBR	322G39	2995	481865	8	9	2.1	3442
	40	420	25.2	31500	0.3	12	12	-10	100	NBR	322G39	4270	481000	8	8	2.1	3442

BRASS

SUB-BASE MOUNTING

NORMALLY CLOSED



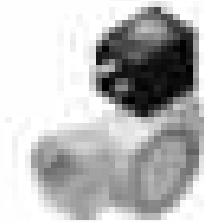
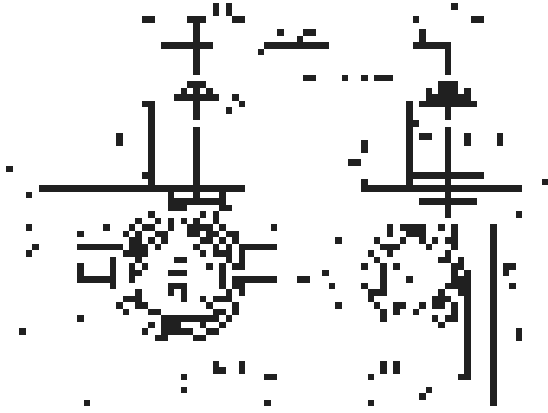
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
					Min	Max(MOPD)		Min	Max		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
					bar	AC bar	DC bar	°C	°C								
SB	14	45	2.7	2100	0.3	40	25	-10	100	NBR	E321F32	2995	481865	8	9	2.0	3520
	14	45	2.7	2100	0.3	40	30	-10	100	NBR	E321F32	4270	481000	8	8	2.0	3520
	14	45	2.7	2100	0.3	40	40	-10	100	NBR	E321F32	4270	486265	14	14	2.0	3520

Notes:

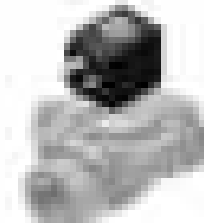
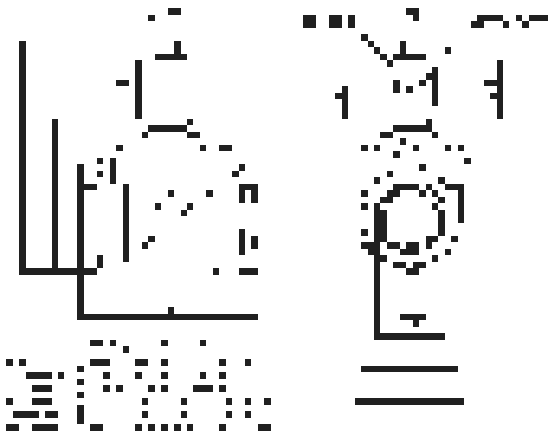
1. Pilot seat disc in synthetic Ruby



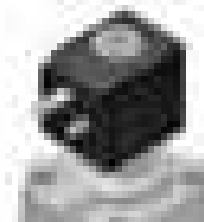
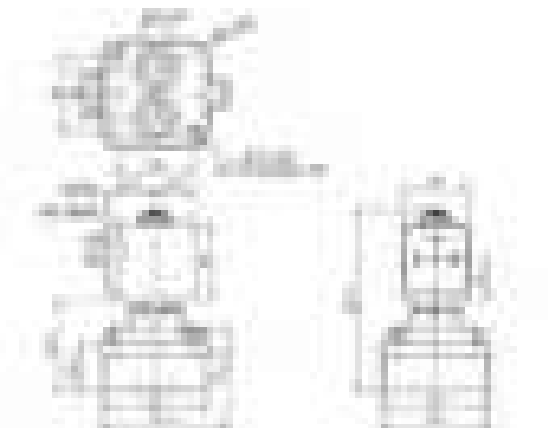
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	14 mm	14	45	12	-10	-10
To	1 1/2"	40	420	40	120	50



Drawing 7100



Drawing 3442



Drawing 3520

2 WAY VALVES



ANTI WATER HAMMER VALVES

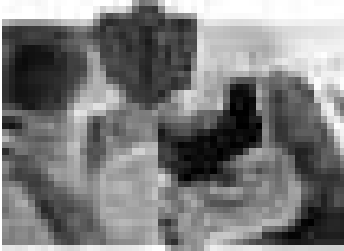
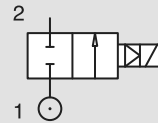


Water

2/2

Actuation	Body	Function	Port Size	Orifice (mm)	Flow Factor Kv(l/min)	MOPD (bar)	Max Fluid Temp. (°C)	Page Parker Valves	Page Parker LUCIFER® Valves
Magnalift Pilot Operated	Brass/Pipe mounting	Normally Closed	1"	15 to 25	170	10	140	-	114
	Brass/Pipe mounting	Normally Closed	1/4"	12	32	12	120	-	118
			3/8"	12	45	12	120	-	118
			1/2"	12	50	12	120	-	118
			3/4"	18 to 20	135	16	120	-	118
			1"	18 to 25	180	16	120	116	120
			1 1/4"	25 to 28	280	16	100	116	120
			1 1/2"	35 to 40	500	16	100	116	120
			2"	40 to 50	620	16	100	116	120
			2 1/2"	65	1100	10	90	116	-
			3"	75	1334	10	90	116	-
		Normally Open	3/4"	20	135	16	100	-	122
			1"	25	180	16	100	-	122
			1 1/4"	28	270	16	100	-	122
			1 1/2"	40	425	12	100	-	122
			2"	40	540	12	100	-	122

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ANTI WATER HAMMER VALVES
MAGNALIFTBRASS
PIPE MOUNTING
NORMALLY CLOSED

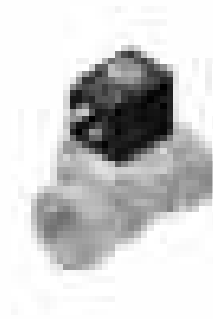
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1"	15	80	4.8	6000	0	-	10	-10	100	NBR	221G1731 ₁₂	2995	481865	-	9	2.1	3445
	15	80	4.8	6000	0	10	10	-10	120	NBR	221G1731 ₁₂	-	492070	9	8	2.1	3445
	15	80	4.8	6000	0	10	10	-10	120	NBR	221G1731 ₁₂	-	492190	11	9	2.1	3445
	25	160	9.6	-	0	10	-	0	100	EPDM	221G2103	2995	481865	8	-	2.0	3448
	25	160	9.6	-	0	10	-	0	120	EPDM	221G2103	4270	481000	8	-	2.0	3448
	25	160	9.6	-	0	10	10	0	120	EPDM	221G2103	4270	486265	14	14	2.0	3448
	25	160	9.6	-	0	4	4	0	140	EPDM	221G2103	2995	492425	14	14	2.0	3448
	25	170	10.2	14000	0	-	10	-10	100	NBR	221G2131 ₁₂	2995	481865	-	9	2.1	3448
	25	170	10.2	14000	0	10	10	-25	40	NBR	221G2131 ₁₂	-	492070	9	8	2.1	3448
	25	170	10.2	14000	0	10	10	-25	40	NBR	221G2131 ₁₂	-	492190	11	9	2.1	3448

Notes:

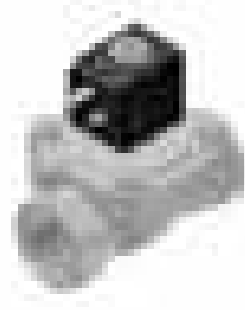
1. Valves with model number ending in 30 or 31 are only compatible with explosion proof electrical parts shown, or with group 2.1 coils only in DC voltage.
2. With 4 position selector for controlled closure rate



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1"	15	80	4	-25	-10
To	1"	25	170	10	140	50

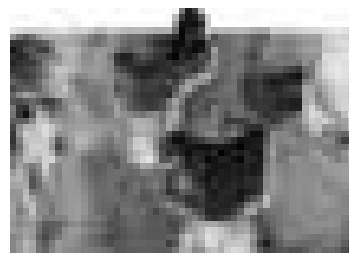
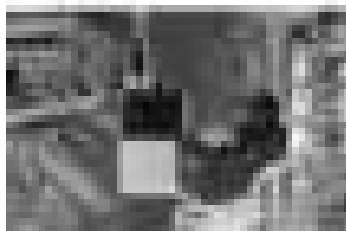


Drawing 3445

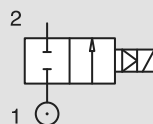


Drawing 3448

2/2

ANTI WATER HAMMER VALVES
PILOT OPERATEDBRASS
PIPE MOUNTING

NORMALLY CLOSED



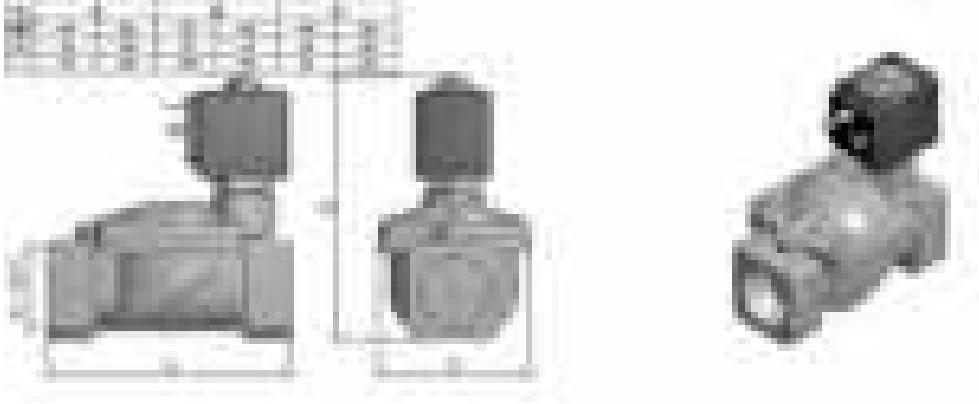
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m ³ /h	Qn m ³ /h	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Order Number	Valve Type	Coil Type	AC W	DC W		
3/4"	20	140	8.4	-	0.1	10	10	-10	90	NBR	443784W ₁	7321BCN02	481865	8	9	2.0	057
1"	25	160	9.6	-	0.1	10	10	-10	90	NBR	443788W ₁	7321BDN02	481865	8	9	2.0	057
1 1/4"	35	420	25.2	-	0.1	5	5	-10	90	NBR	443792W ₁	7321BEN02	481865	8	9	2.0	058
1 1/2"	40	500	30	-	0.1	5	5	-10	90	NBR	443796W ₁	7321BFN02	481865	8	9	2.0	058
2"	50	620	37.2	-	0.1	5	5	-10	90	NBR	443800W ₁	7321BGN02	481865	8	9	2.0	058
2 1/2"	65	1100	66	-	0.2	10	10	-10	90	NBR	443802W ₁	7321BLN02	481865	8	9	2.0	059
3"	75	1334	80	-	0.2	10	10	-10	90	NBR	443803W ₁	7321BMN02	481865	8	9	2.0	059

Notes:

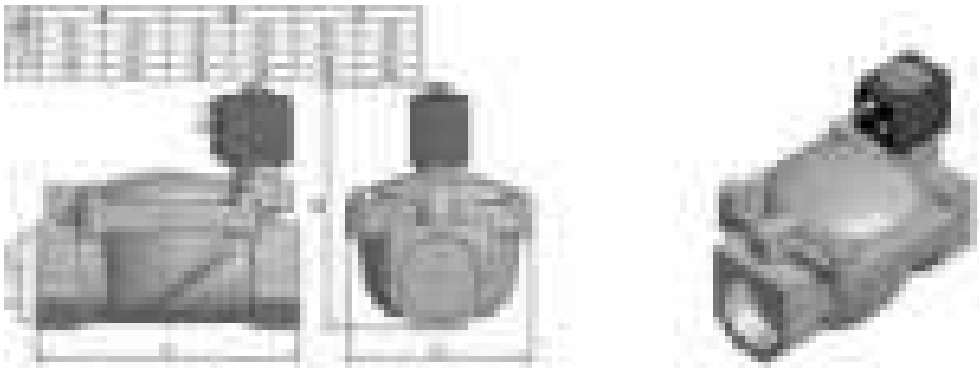
1. With manual override



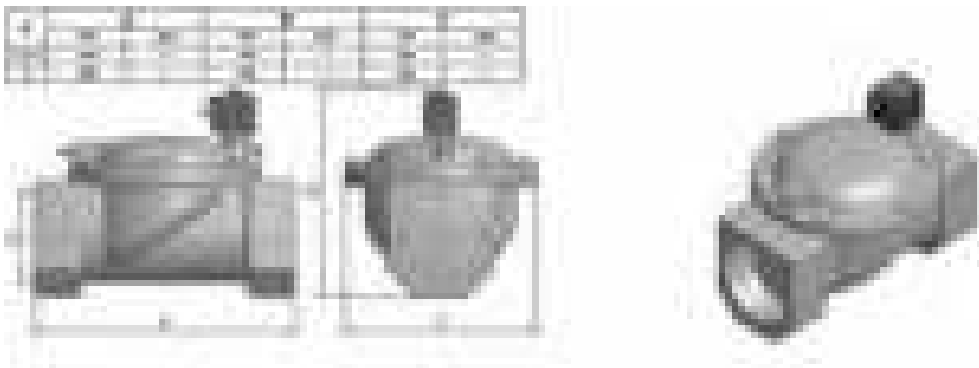
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1"	20	140	5	-10	-10
To	3"	75	1334	10	90	50



Drawing 057



Drawing 058



Drawing 059

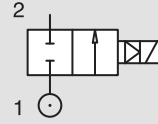
2/2

ANTI WATER HAMMER VALVES
PILOT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
					Min	Max(MOPD)		Min	Max		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
BSP	mm	Kv l/min	KV m ³ /h	Qn l/min	bar	AC bar	DC bar	°C	°C								
1/4"	12	32	1.92	2150	0.3	12	12	-10	100	FKM	321K4106	2995	481865	8	9	2.1/3.0	7094
	12	32	1.92	2150	0.3	12	12	-10	120	FKM	321K4106	4270	481000	8	8	2.1/3.0	7094
3/8"	12	45	2.7	3050	0.3	12	12	-10	100	FKM	321K4306	2995	481865	8	9	2.1/3.0	7094
	12	45	2.7	3050	0.3	12	12	-10	120	FKM	321K4306	4270	481000	8	8	2.1/3.0	7094
1/2"	12	50	3	3400	0.3	12	12	-10	100	FKM	321K4506	2995	481865	8	9	2.1/3.0	7094
	12	50	3	3400	0.3	12	12	-10	120	FKM	321K4506	4270	481000	8	8	2.1/3.0	7094
	12	50	3	3400	0.3	12	12	-10	100	FKM	321K4556 ₁	2995	481865	8	9	2.1/3.0	7094
	12	50	3	3400	0.3	12	12	-10	120	FKM	321K4556 ₁	4270	481000	8	8	2.1/3.0	7094
3/4"	18	100	6	9400	0.3	12	12	-10	100	FKM	321K4606	2995	481865	8	9	2.1/3.0	7099
	18	100	6	9400	0.3	12	12	-10	120	FKM	321K4606	4270	481000	8	8	2.1/3.0	7099
	18	100	6	9400	0.3	12	12	-10	100	FKM	321K4656 ₁	2995	481865	8	9	2.1/3.0	7099
	18	100	6	9400	0.3	12	12	-10	120	FKM	321K4656 ₁	4270	481000	8	8	2.1/3.0	7099
	20	135	8.1	9500	0	16	16	-10	100	NBR	E321G3610 ₂	2995	481865	8	9	2.0	3442
	20	135	8.1	9500	0	16	16	-10	100	NBR	E321G3610 ₂	4270	481000	8	8	2.0	3442

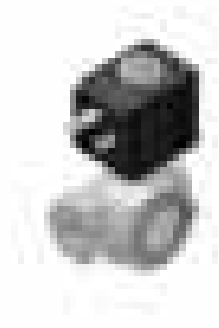
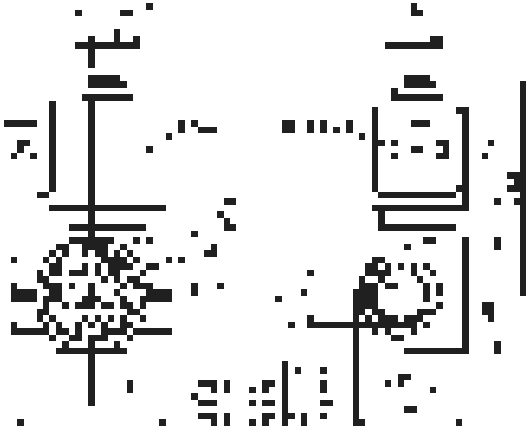
Notes:

1. With manual override

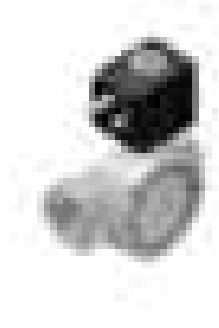
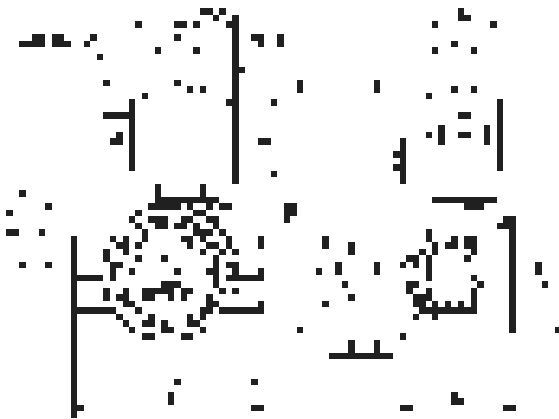
2. With manual override and 4 position selector for controlled closure rate - without manual override and without 4 position selector on request: use same reference removing suffix '10', e.g. E321G36



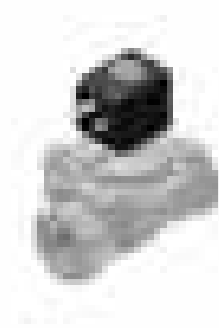
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	12	32	12	-10	-10
To	3/4"	20	135	16	120	50



Drawing 7094



Drawing 7099



Drawing 3442

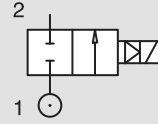
2/2

ANTI WATER HAMMER VALVES
PILOT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
					Min	Max(MOPD)		Min	Max		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
BSP	mm	Kv l/min	KV m³/h	Qn l/min	bar	AC bar	DC bar	°C	°C								
1"	18	110	6.6	10150	0.3	12	12	-10	100	FKM	321K4706	2995	481865	8	9	2.1/3.0	7100
	18	110	6.6	10150	0.3	12	12	-10	120	FKM	321K4706	4270	481000	8	8	2.1/3.0	7100
	18	110	6.6	10150	0.3	12	12	-10	100	FKM	321K4756 ₁	2995	481865	8	9	2.1/3.0	7100
	18	110	6.6	10150	0.3	12	12	-10	120	FKM	321K4756 ₁	4270	481000	8	8	2.1/3.0	7100
	25	180	10.8	14000	0.3	16	16	-10	100	NBR	E321G3710 ₂	2995	481865	8	9	2.0	3442
	25	180	10.8	14000	0.3	16	16	-10	100	NBR	E321G3710 ₂	4270	481000	8	8	2.0	3442
1 1/4"	28	280	16.8	18000	0.3	16	16	-10	100	NBR	E321G3810 ₂	2995	481865	8	9	2.0	3442
	28	280	16.8	18000	0.3	16	16	-10	100	NBR	E321G3810 ₂	4270	481000	8	8	2.0	3442
1 1/2"	40	420	25.2	31500	0.3	16	7	-10	100	NBR	E321G3910 ₂	2995	481865	8	9	2.0	3442
	40	420	25.2	31500	0.3	16	8.5	-10	100	NBR	E321G3910 ₂	4270	481000	8	8	2.0	3442
2"	40	540	32.4	40000	0.3	16	7	-10	100	NBR	E321G4010 ₂	2995	481865	8	9	2.0	3442
	40	540	32.4	40000	0.3	16	8.5	-10	100	NBR	E321G4010 ₂	4270	481000	8	8	2.0	3442

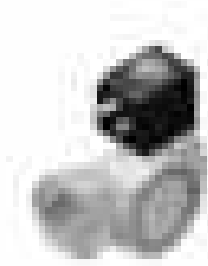
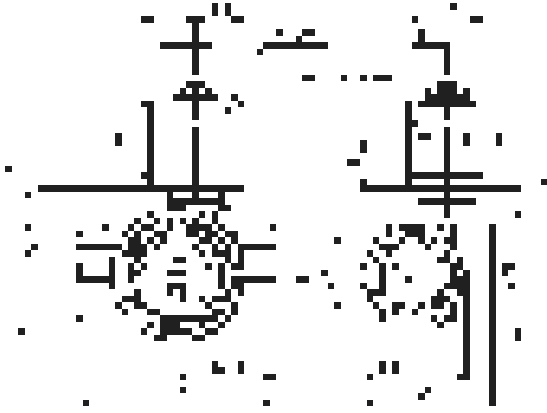
Notes:

1. With manual override

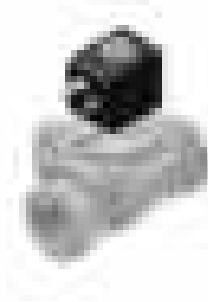
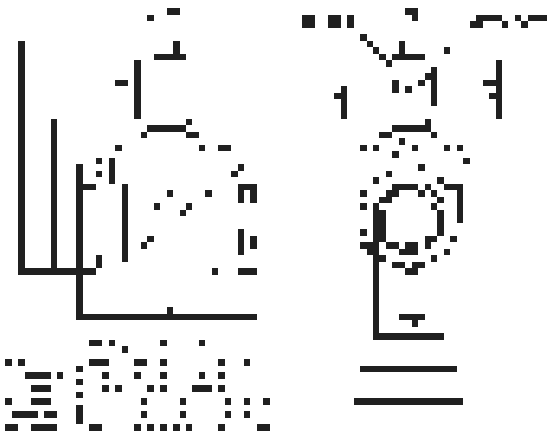
2. With manual override and 4 position selector for controlled closure rate - without manual override and without 4 position selector on request: use same reference removing suffix '10', e.g. E321G36



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1"	18	110	7	-10	-10
To	2"	40	540	16	120	50



Drawing 7100



Drawing 3442

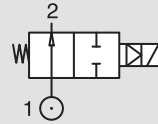
2/2

ANTI WATER HAMMER VALVES
PILOT OPERATED

BRASS

PIPE MOUNTING

NORMALLY OPEN



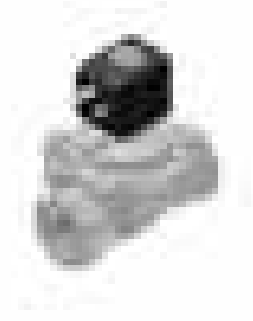
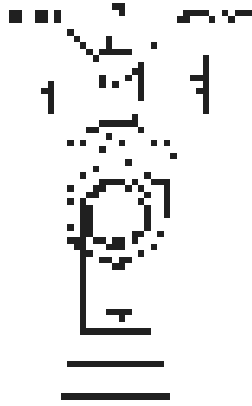
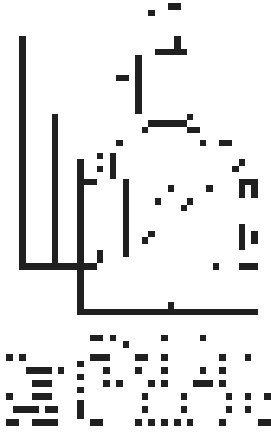
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
					Min	Max(MOPD)		Min	Max		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
						bar	AC bar										
3/4"	20	135	8.1	9300	0.3	16	16	-10	100	NBR	322G3610 ₁	2995	481865	8	9	2.1	3442
	20	135	8.1	9300	0.3	16	16	-10	100	NBR	322G3610 ₁	4270	481000	8	8	2.1	3442
1"	25	180	10.8	14000	0.3	16	16	-10	100	NBR	322G3710 ₁	2995	481865	8	9	2.1	3442
	25	180	10.8	14000	0.3	16	16	-10	100	NBR	322G3710 ₁	4270	481000	8	8	2.1	3442
1 1/4"	28	270	16.2	18000	0.3	16	16	-10	100	NBR	322G3810 ₁	2995	481865	8	9	2.1	3442
	28	270	16.2	18000	0.3	16	16	-10	100	NBR	322G3810 ₁	4270	481000	8	8	2.1	3442
1 1/2"	40	425	25.5	31000	0.3	12	12	-10	100	NBR	322G3910 ₁	2995	481865	8	9	2.1	3442
	40	425	25.5	31000	0.3	12	12	-10	100	NBR	322G3910 ₁	4270	481000	8	8	2.1	3442
2"	40	540	32.4	40000	0.3	12	12	-10	100	NBR	322G4010 ₁	2995	481865	8	9	2.1	3442
	40	540	32.4	40000	0.3	12	12	-10	100	NBR	322G4010 ₁	4270	481000	8	8	2.1	3442

Notes:

1. With 4 position selector for controlled closure rate



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/4"	20	135	12	-10	-10
To	2"	40	540	16	100	50



Drawing 3442

2 WAY VALVES

HOT WATER AND STEAM VALVES

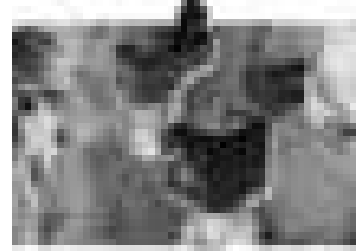
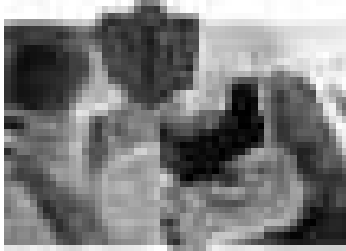


2/2

Actuation	Body	Function	Port Size	Orifice (mm)	Flow Factor Kv(l/min)	MOPD (bar)	Max Fluid Temp. (°C)	Page Parker Valves	Page Parker LUCIFER® Valves
Direct Operated	Brass/Pipe mounting	Normally Closed	1/8"	2.5	3.2	30	140	126	-
			1/4"	2.5 to 5	11	30	180	126	128
			3/8"	6	12	5	140	-	128
			1/2"	8.5 to 11	36	4	120	-	128
	303 Stainless St./Pipe mounting	Normally Closed	1/4"	1.5 to 5	10	100	180	-	130
Magnalift	Brass/Pipe mounting	Normally Closed	3/8"	15	65	10	140	-	132
			1/2"	15	65	10	140	-	132
			3/4"	15	80	10	140	-	132
			1"	15	80	10	140	-	132
Pilot Operated	Brass/Pipe mounting	Normally Closed	3/8"	10 to 16	78	16	180	134	-
			1/2"	10 to 16	78	16	180	134	138
			3/4"	18 to 27	193	14	180	136	-
			1"	18 to 27	193	14	180	136	-

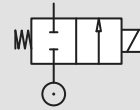
2/2

HOT WATER AND STEAM VALVES DIRECT OPERATED



BRASS PIPE MOUNTING

NORMALLY CLOSED



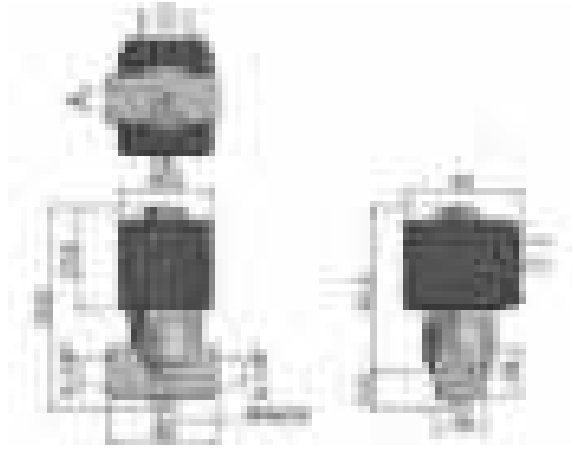
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv	KV	Qn	Min	Max(MOPD)	Min	Max	Valve Order Number		Valve Type	Coil Type	AC W	DC W			
BSP	mm	l/min	m³/h	m³/h	bar	AC bar	DC bar	°C	°C								
1/8"	2.5	3.2	0.20	-	0	30	-	-30	140	Ruby	362496J	PM140IR	ZB09	9	-	20.1/20.2	027
	2.5	3.2	0.20	-	0	-	17	-30	140	Ruby	362496J	PM140IR	ZB12	-	12	20.1/20.2	027
	2.5	3.2	0.20	-	0	30	-	-30	140	Ruby	362518J ₁	PM140CR	ZB09	9	-	20.1/20.2	026
	2.5	3.2	0.20	-	0	-	17	-30	140	Ruby	362518J ₁	PM140CR	ZB12	-	12	20.1/20.2	026
	2.5	3.2	0.20	-	0	30	-	-30	140	Ruby	362518J ₁	PM140CR	ZH14	14	-	20.1/20.2	026
	2.5	3.2	0.20	-	0	-	17	-30	140	Ruby	362518J ₁	PM140CR	ZH16	-	16	20.1/20.2	026
1/4"	3	4.2	0.25	-	0	10	-	-10	140	EPDM	360470 ₂	PM126YH	ZB09	9	-	20.1/20.2	008
	3	4.2	0.25	-	0	-	6	-10	140	EPDM	360470 ₂	PM126YH	ZB12	-	12	20.1/20.2	008
	3	4.2	0.25	-	0	10	-	-10	140	EPDM	360470 ₂	PM126YH	ZH14	14	-	20.1/20.2	008
	3	4.2	0.25	-	0	-	6	-10	140	EPDM	360470 ₂	PM126YH	ZH16	-	16	20.1/20.2	008
	3	4.2	0.25	-	0	10	-	-10	180	PTFE	360475 ₂	PM126YT	ZH14	14	-	20.1/20.2	008
	3	4.2	0.25	-	0	-	10	-10	180	PTFE	360475 ₂	PM126YT	ZH16	-	16	20.1/20.2	008
	3	4	0.24	-	0	30	-	-30	140	Ruby	362524J	PM140DR	ZB09	9	-	20.1/20.2	026
	3	4	0.24	-	0	-	12	-30	140	Ruby	362524J	PM140DR	ZB12	-	12	20.1/20.2	026
	3	4	0.24	-	0	30	-	-30	140	Ruby	362524J	PM140DR	ZH14	14	-	20.1/20.2	026
	3	4	0.24	-	0	-	12	-30	140	Ruby	362524J	PM140DR	ZH16	-	16	20.1/20.2	026
	3	3.3	0.2	-	0	10	-	-10	140	EPDM	364880J ₂	PM158IH	ZH14	14	-	20.2	042
	3	3.3	0.2	-	0	-	4	-10	140	EPDM	364880J ₂	PM158IH	ZH16	-	16	20.2	042
	3	3.3	0.2	-	0	10	-	-10	180	PTFE	364884J ₂	PM158IT	ZH14	14	-	20.2	042
	3	3.3	0.2	-	0	-	10	-10	180	PTFE	364884J ₂	PM158IT	ZH16	-	16	20.2	042

Notes:

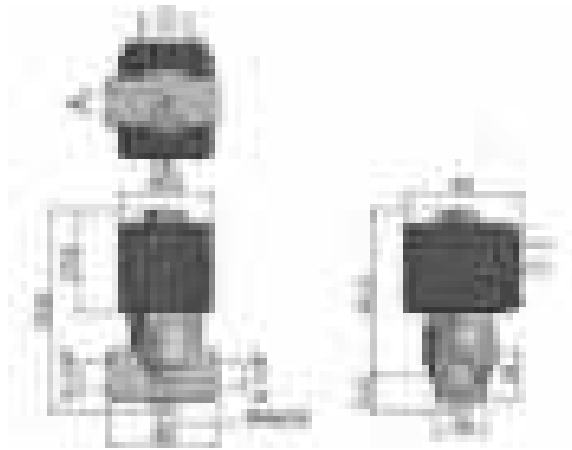
1. DIN-EN-ISO 23553-1 (2009-10) approved for oil burners
2. Maximum pressure for steam: 4 Bar (140°C)



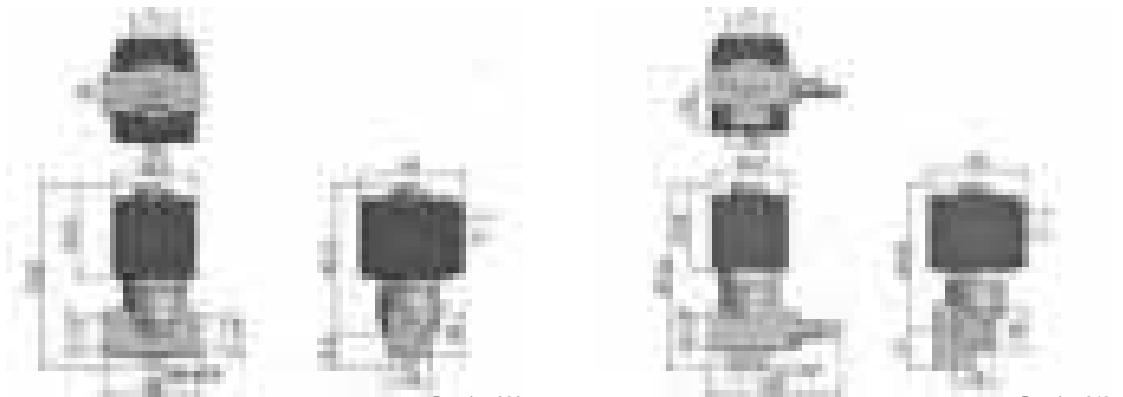
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/8"	2.5	3.2	4	-30	-10
To	1/4"	3	4.2	30	180	50



Drawing 027



Drawing 026



Drawing 008

Drawing 042

2/2

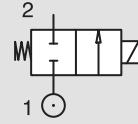
HOT WATER AND STEAM VALVES

DIRECT OPERATED

BRASS

PIPE MOUNTING

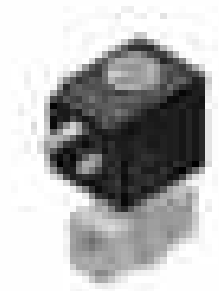
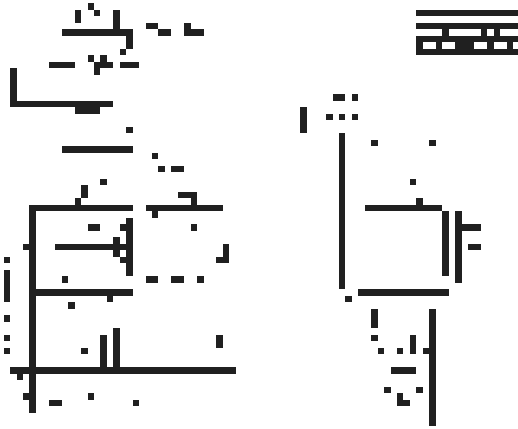
NORMALLY CLOSED



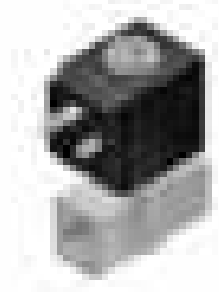
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/4"	3	4.5	0.27	-	0	10	7	0	100	EPDM	121K0323	2995	481865	8	9	2.0	3510
	3	4.5	0.27	-	0	10	8.5	0	120	EPDM	121K0323	4270	481000	8	8	2.0	3510
	3	4.5	0.27	-	0	10	10	0	120	EPDM	121K0323	4270	486265	14	14	2.0	3510
	3	4.5	0.27	-	0	10	10	0	120	EPDM	121K0323	2995	492425	14	14	2.0	3510
	5	11	0.66	750	0	7	2	0	100	EPDM	121K0103	2995	481865	8	9	2.0	3510
	5	11	0.66	750	0	7	2.8	0	120	EPDM	121K0103	4270	481000	8	8	2.0	3510
	5	11	0.66	750	0	7	5	0	120	EPDM	121K0103	4270	486265	14	14	2.0	3510
	5	11	0.66	750	0	4	3.5	0	120	EPDM	121K0103	2995	492425	14	14	2.0	3510
3/8"	5	11	0.66	750	0	7	2	0	100	EPDM	121K0113	2995	481865	8	9	2.0	3510
	6	12	0.72	1100	0	5	1.1	0	100	EPDM	121K3303	2995	481865	8	9	2.0	3551
	6	12	0.72	1100	0	5	1.5	0	120	EPDM	121K3303	4270	481000	8	8	2.0	3551
	6	12	0.72	1100	0	4	4	0	120	EPDM	121K3303	4270	486265	14	14	2.0	3551
1/2"	6	12	0.72	1100	0	4	4	0	140	EPDM	121K3303	2995	492425	14	14	2.0	3551
	8.5	25	1.5	-	0	2.2	0.5	0	120	EPDM	E121K4603	4270	481000	8	8	2.0	3427
	8.5	25	1.5	-	0	4	1.2	0	120	EPDM	E121K4603	4270	486265	14	14	2.0	3427
	8.5	25	1.5	-	0	4	1	0	120	EPDM	E121K4603	2995	492425	14	14	2.0	3427
	11	36	2.16	-	0	1.2	0.35	0	120	EPDM	E121K4503	4270	481000	8	8	2.0	3427
	11	36	2.16	-	0	2.5	0.7	0	120	EPDM	E121K4503	4270	486265	14	14	2.0	3427
11	36	2.16	-	0	2.5	0.5	0	120	EPDM	E121K4503	2995	492425	14	14	2.0	3427	



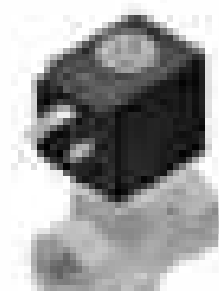
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	3	4.5	0.4	0	-10
To	1/2"	11	36	10	140	50



Drawing 3510



Drawing 3551



Drawing 3427

2/2

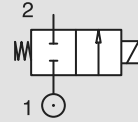
HOT WATER AND STEAM VALVES

DIRECT OPERATED

303 STAINLESS ST.

PIPE MOUNTING

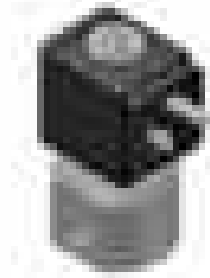
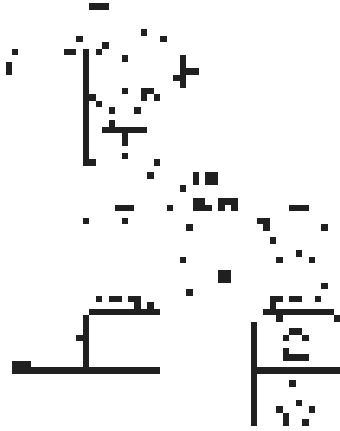
NORMALLY CLOSED



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv	KV	Qn	Min	Max(MOPD)	DC	Min	Max		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
BSP	mm	l/min	m³/h	l/min	bar	AC bar	DC bar	°C	°C								
1/4"	1.5	1.5	0.09	80	0	60	25	0	100	Ruby	121V5463	2995	481865	8	9	2.0	8116
	1.5	1.5	0.09	80	0	75	30	0	130	Ruby	121V5463	4270	481000	8	8	2.0	8116
	1.5	1.5	0.09	80	0	100	55	0	140	Ruby	121V5463	4270	486265	14	14	2.0	8116
	2.5	3.5	0.21	220	0	28	10	0	100	Ruby	121V5763	2995	481865	8	9	2.0	8116
	2.5	3.5	0.21	220	0	34	12	0	130	Ruby	121V5763	4270	481000	8	8	2.0	8116
	2.5	3.5	0.21	220	0	50	22	0	140	Ruby	121V5763	4270	486265	14	14	2.0	8116
	3	4.5	0.27	315	0	20	7	0	100	Ruby	121V5363	2995	481865	8	9	2.0	8116
	3	4.5	0.27	315	0	25	8.5	0	130	Ruby	121V5363	4270	481000	8	8	2.0	8116
	3	4.5	0.27	315	0	36	15	0	140	Ruby	121V5363	4270	486265	14	14	2.0	8116
	4	7	0.42	450	0	12	4	0	100	Ruby	121V5263	2995	481865	8	9	2.0	8116
	4	7	0.42	450	0	15	5	0	130	Ruby	121V5263	4270	481000	8	8	2.0	8116
	4	7	0.42	450	0	22	10	0	180	Ruby	121V5263	4270	486265	14	14	2.0	8116
	5	10	0.6	750	0	8.5	2	0	100	Ruby	121V5163	2995	481865	8	9	2.0	8116
	5	10	0.6	750	0	10	3.5	0	130	Ruby	121V5163	4270	481000	8	8	2.0	8116
5	10	0.6	750	0	14	6.5	0	140	Ruby	121V5163	4270	486265	14	14	2.0	8116	



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	1.5	1.5	2	0	-10
To	1/4"	5	10	100	180	50

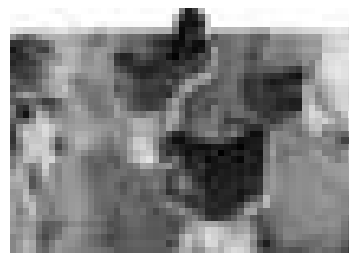


Drawing 8116

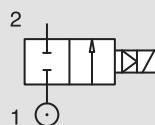
2/2

HOT WATER AND STEAM VALVES

MAGNALIFT

BRASS
PIPE MOUNTING

NORMALLY CLOSED



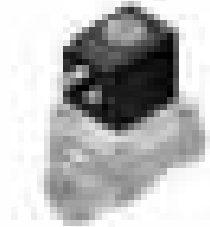
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
3/8"	15	65	3.9	-	0	10	-	0	100	EPDM	221G1303	2995	481865	8	-	2.0	3732
	15	65	3.9	-	0	10	-	0	120	EPDM	221G1303	4270	481000	8	-	2.0	3732
	15	65	3.9	-	0	4	4	0	140	EPDM	221G1303	4270	486265	14	14	2.0	3732
	15	65	3.9	4500	0	10	10	-10	100	FKM	221G1330 ₁	2995	481865	8	9	2.1	3732
	15	65	3.9	4500	0	10	10	-10	120	FKM	221G1330 ₁	-	492070	9	8	2.1	3732
	15	65	3.9	4500	0	10	10	-10	120	FKM	221G1330 ₁	-	492190	11	9	2.1	3732
1/2"	15	65	3.9	-	0	10	-	0	100	EPDM	221G1503	2995	481865	8	-	2.0	3732
	15	65	3.9	-	0	10	-	0	120	EPDM	221G1503	4270	481000	8	-	2.0	3732
	15	65	3.9	-	0	10	7	0	140	EPDM	221G1503	4270	486265	14	14	2.0	3732
3/4"	15	80	4.8	-	0	10	-	0	100	EPDM	221G1603	2995	481865	8	-	2.0	3444
	15	80	4.8	-	0	10	-	0	120	EPDM	221G1603	4270	481000	8	-	2.0	3444
	15	80	4.8	-	0	4	4	0	140	EPDM	221G1603	4270	486265	14	14	2.0	3444
1"	15	80	4.8	-	0	10	-	0	100	EPDM	221G1703	2995	481865	8	-	2.0	3445
	15	80	4.8	-	0	10	-	0	120	EPDM	221G1703	4270	481000	8	-	2.0	3445
	15	80	4.8	-	0	10	10	0	140	EPDM	221G1703	4270	486265	14	14	2.0	3445

Notes:

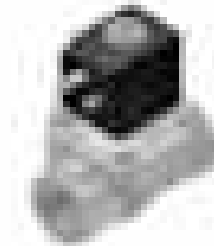
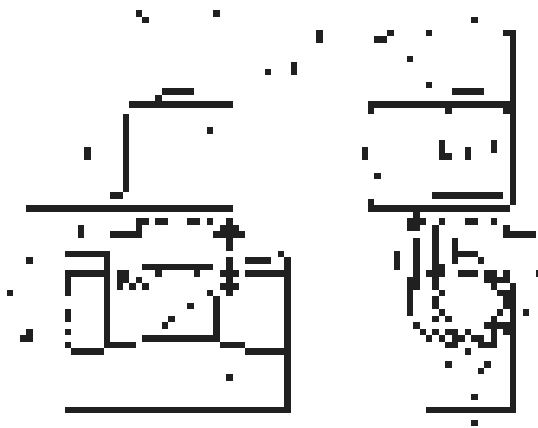
1. Valves with model number ending in 30 or 31 are only compatible with explosion proof electrical parts shown, or with group 2.1 coils only in DC voltage.



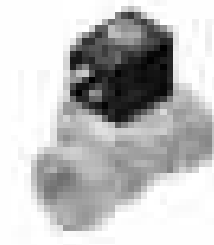
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/8"	15	65	4	-10	-10
To	1"	15	80	10	140	50



Drawing 3732



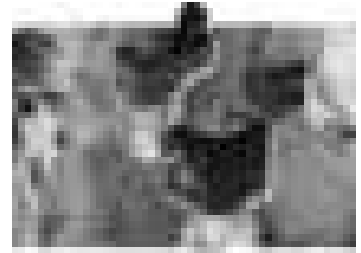
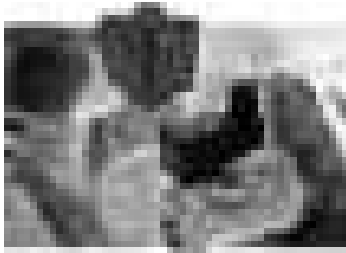
Drawing 3444



Drawing 3445

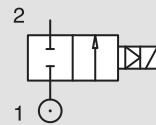
2/2

HOT WATER AND STEAM VALVES PILOT OPERATED



BRASS PIPE MOUNTING

NORMALLY CLOSED



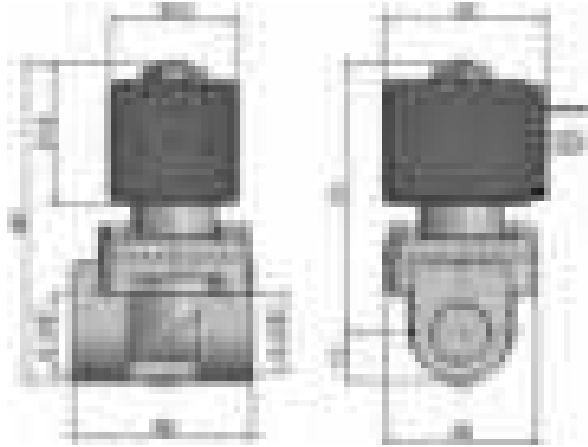
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv	KV	Qn	Min	Max(MOPD)	Min	Max	Valve Order Number		Valve Type	Coil Type	AC W	DC W			
BSP	mm	l/min	m³/h	m³/h	bar	AC bar	DC bar	°C	°C								
3/8"	10	22	1.32	-	0.5	16	-	-30	160	PTFE	364520 ¹	PM156.2IR	ZB09	9	-	20.1	041
	16	78	4.7	-	0.5	10	-	-30	180	PTFE	362262	PM135IT	ZH14	14	-	20.2	017
	16	78	4.7	-	0.5	-	10	-30	180	PTFE	362262	PM135IT	ZH16	-	16	20.2	017
1/2"	16	78	4.7	-	0.5	10	-	-30	180	PTFE	362263	PM135AT	ZH14	14	-	20.2	016
	16	78	4.7	-	0.5	-	10	-30	180	PTFE	362263	PM135AT	ZH16	-	16	20.2	016

Notes:

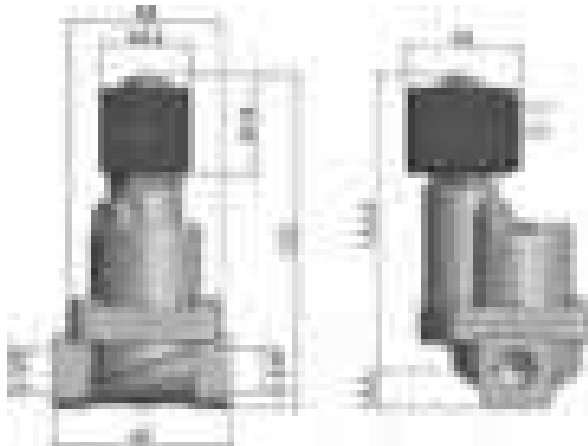
1. Maximum pressure for steam: 6.5 Bar (160°C)



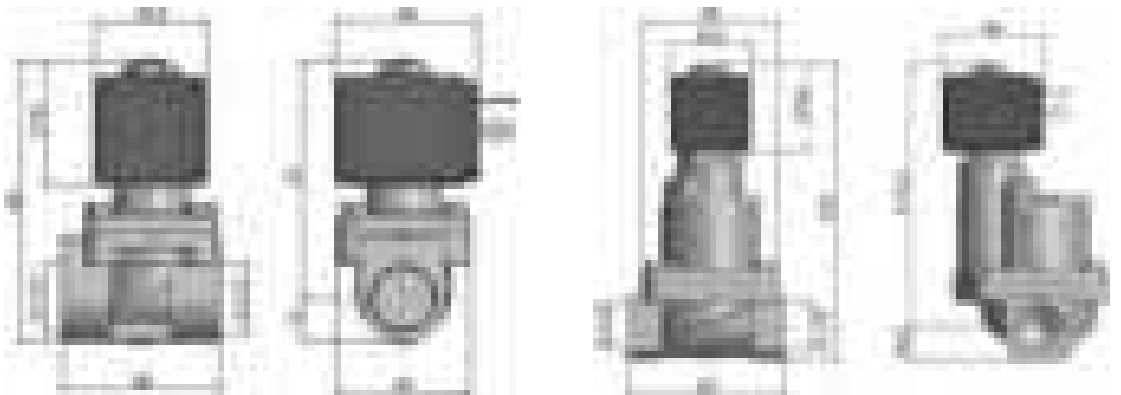
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/8"	10	22	10	-30	-10
To	1/2"	16	78	16	180	50



Drawing 041



Drawing 017



Drawing 038

Drawing 016

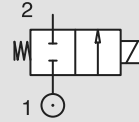
2/2

HOT WATER AND STEAM VALVES
PILOT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



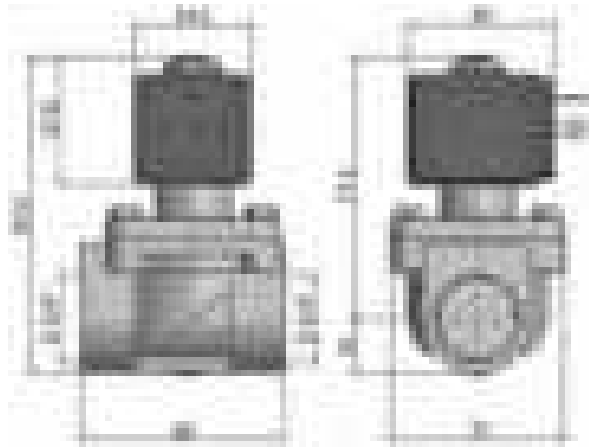
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn m³/h	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Order Number	Valve Type	Coil Type	AC W	DC W		
3/4"	18	37	2.22	-	0.5	14	-	-30	160	PTFE	364530 ₁	PM156.2CR	ZB09	9	-	20.1	039
	27	193	11.6	-	0.5	10	-	-30	180	PTFE	362264	PM135CT	ZH14	14	-	20.2	018
	27	193	11.6	-	0.5	-	10	-30	180	PTFE	362264	PM135CT	ZH16	-	16	20.2	018
1"	18	42	2.52	-	0.5	14	-	-30	160	PTFE	364535 ₁	PM156.2DR	ZB09	9	-	20.1	040
	27	193	11.6	-	0.5	10	-	-30	180	PTFE	362265	PM135DT	ZH14	14	-	20.2	019
	27	193	11.6	-	0.5	-	10	-30	180	PTFE	362265	PM135DT	ZH16	-	16	20.2	019

Notes:

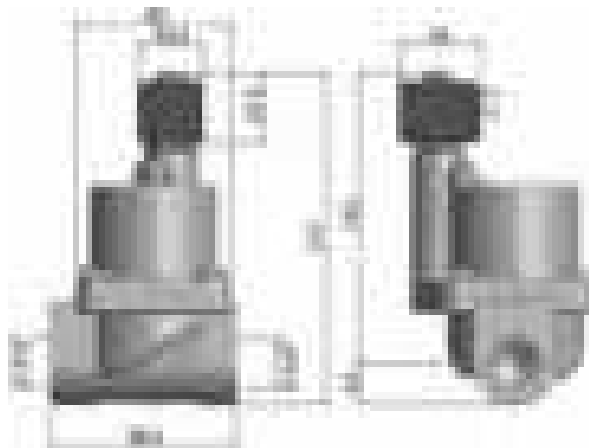
1. Maximum pressure for steam: 6.5 Bar (160°C)



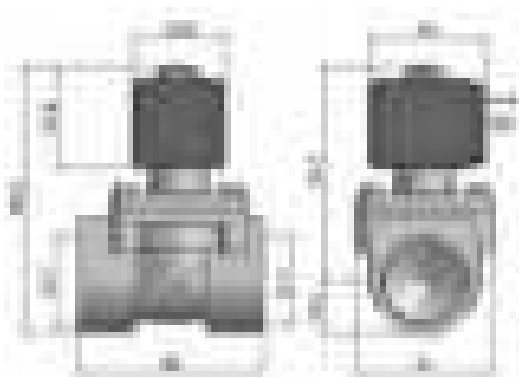
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/4"	18	37	10	-30	-10
To	1"	27	193	14	180	50



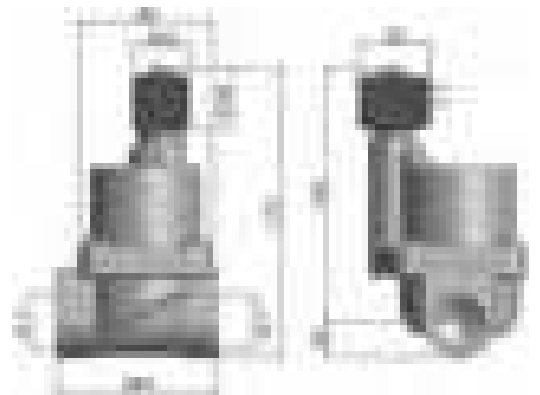
Drawing 039



Drawing 018



Drawing 040



Drawing 019

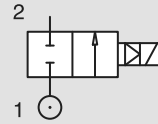
2/2

HOT WATER AND STEAM VALVES
PILOT OPERATED

BRASS

PIPE MOUNTING

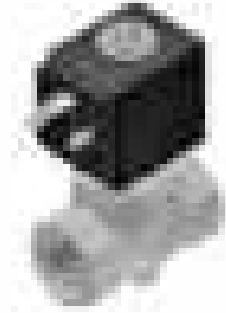
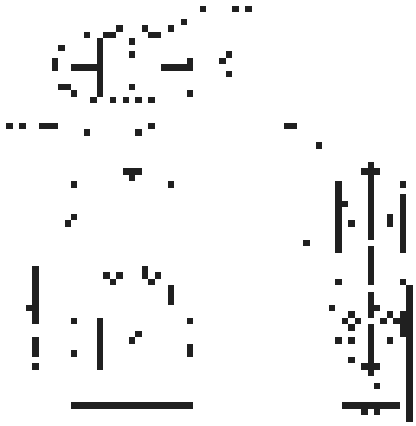
NORMALLY CLOSED



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
BSP	mm																
1/2"	11	36	2.16	-	0.2	10	4	0	120	EPDM	E321K1503	4270	481000	8	8	2.0	3427
	11	36	2.16	-	0.2	10	-	0	100	EPDM	E321K1503	4270	483520	9	-	2.0	3427
	11	36	2.16	-	0.2	10	-	0	120	EPDM	E321K1503	4270	486992	10	-	2.0	3427

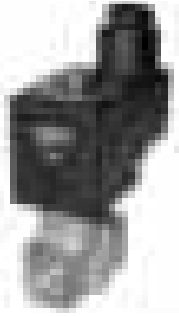


For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/2"	11	36	4	0	-10
To	1/2"	11	36	10	120	50



Drawing 3427

2 WAY VALVES



VALVES FOR HYDRAULIC OIL AND NEUTRAL LIQUIDS (UP TO 100 BAR)

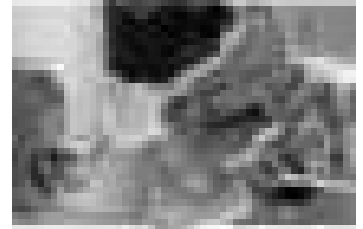
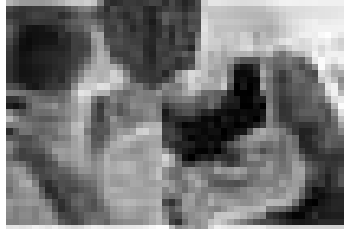


2/2

Actuation	Body	Function	Port Size	Orifice (mm)	Flow Factor Kv(l/min)	MOPD (bar)	Max Fluid Temp. (°C)	Page Parker Valves	Page Parker LUCIFER® Valves
Direct Operated	Brass/Pipe mounting	Normally Closed	1/8"	1.5 to 2.5	3.5	70	130	-	142
			1/4"	1.2 to 3	4.5	100	130	-	142
			3/8"	4 to 6	12	10	120	-	144
		Normally Open	1/8"	2.5	3.5	30	140	-	144
			1/4"	1.5 to 2.5	3.5	40	140	-	144
Pilot Operated	Brass/Sub-base mounting	Normally Closed	5 mm	1.5 to 3	4.5	100	130	-	146
	Brass/Pipe mounting	Normally Closed	1/4"	8	36	40	140	-	148
			3/8"	11	50	40	140	-	148
			1/2"	15	60	40	140	-	150
		Normally Open	1/4"	8	36	40	140	-	152
			3/8"	11	50	40	140	-	152
			1/2"	15	60	40	140	-	152
	Brass/Sub-base mounting	Normally Closed	14 mm	14	45	40	140	-	154
		Normally Open	14 mm	14	45	40	120	-	154

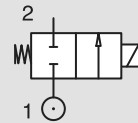
2/2

VALVES FOR HYDRAULIC OIL AND NEUTRAL LIQUIDS (UP TO 100 BAR) DIRECT OPERATED



BRASS PIPE MOUNTING

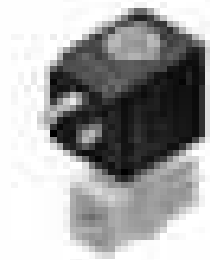
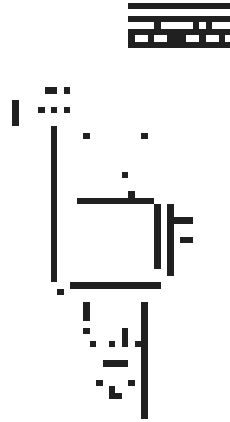
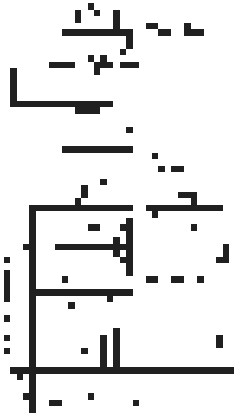
NORMALLY CLOSED



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/8"	1.5	1.5	0.09	80	0	60	25	-30	75	PCTFE	E121K14	2995	481865	8	9	2.0	3510
	1.5	1.5	0.09	80	0	70	30	-30	75	PCTFE	E121K14	4270	481000	8	8	2.0	3510
	1.5	1.5	0.09	80	0	70	55	-30	75	PCTFE	E121K14	4270	486265	14	14	2.0	3510
	2.5	3.5	0.21	220	0	28	10	-30	100	Ruby	E121K23	2995	481865	8	9	2.0	3510
	2.5	3.5	0.21	220	0	34	12	-30	130	Ruby	E121K23	4270	481000	8	8	2.0	3510
	2.5	3.5	0.21	220	0	50	22	-30	120	Ruby	E121K23	4270	486265	14	14	2.0	3510
1/4"	1.2	0.85	0.05	50	0	80	36	-30	100	Ruby	E121K65	2995	481865	8	9	2.0	3510
	1.2	0.85	0.05	50	0	100	43	-30	130	Ruby	E121K65	4270	481000	8	8	2.0	3510
	1.2	0.85	0.05	50	0	100	75	-30	120	Ruby	E121K65	4270	486265	14	14	2.0	3510
	1.5	1.5	0.09	80	0	60	25	-30	75	PCTFE	E121K04	2995	481865	8	9	2.0	3510
	1.5	1.5	0.09	80	0	70	30	-30	75	PCTFE	E121K04	4270	481000	8	8	2.0	3510
	1.5	1.5	0.09	80	0	70	55	-30	75	PCTFE	E121K04	4270	486265	14	14	2.0	3510
	1.5	1.5	0.09	80	0	60	25	-30	100	Ruby	E121K67	2995	481865	8	9	2.0	3510
	1.5	1.5	0.09	80	0	75	30	-30	130	Ruby	E121K67	4270	481000	8	8	2.0	3510
	1.5	1.5	0.09	80	0	100	55	-30	120	Ruby	E121K67	4270	486265	14	14	2.0	3510
	2.5	3.5	0.21	220	0	28	10	-30	100	Ruby	E121K63	2995	481865	8	9	2.0	3510
	2.5	3.5	0.21	220	0	34	12	-30	130	Ruby	E121K63	4270	481000	8	8	2.0	3510
	2.5	3.5	0.21	220	0	50	22	-30	120	Ruby	E121K63	4270	486265	14	14	2.0	3510
3	4.5	0.27	320	0	20	7	-30	75	PCTFE	E121K03	2995	481865	8	9	2.0/3.0	3510	
3	4.5	0.27	320	0	25	8.5	-30	75	PCTFE	E121K03	4270	481000	8	8	2.0/3.0	3510	



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/8"	1.2	0.85	7	-30	-10
To	1/4"	3	4.5	100	130	50



Drawing 3510

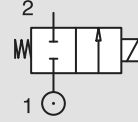
2/2

VALVES FOR HYDRAULIC OIL AND NEUTRAL LIQUIDS (UP TO 100 BAR) DIRECT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED

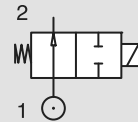


Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/4"	3	4.5	0.27	320	0	36	15	-30	75	PCTFE	E121K03	4270	486265	14	14	2.0/3.0	3510
	3	4.5	0.27	320	0	20	7	-30	100	Ruby	E121K64	2995	481865	8	9	2.0	3510
	3	4.5	0.27	320	0	25	8.5	-30	130	Ruby	E121K64	4270	481000	8	8	2.0	3510
	3	4.5	0.27	320	0	36	15	-30	120	Ruby	E121K64	4270	486265	14	14	2.0	3510
3/8"	4	7.5	0.45	480	0	10	4	-10	100	FKM	121K3206	2995	481865	8	9	2.0	3551
	4	7.5	0.45	480	0	10	5	-10	120	FKM	121K3206	4270	481000	8	8	2.0	3551
	4	7.5	0.45	480	0	10	10	-10	120	FKM	121K3206	4270	486265	14	14	2.0	3551
	5	11	0.66	750	0	7	2	-10	100	FKM	121K3106	2995	481865	8	9	2.0	3551
	5	11	0.66	750	0	7	2.8	-10	120	FKM	121K3106	4270	481000	8	8	2.0	3551
	5	11	0.66	750	0	7	5	-10	120	FKM	121K3106	4270	486265	14	14	2.0	3551
	6	12	0.72	1100	0	5	1.1	-10	100	FKM	121K3306	2995	481865	8	9	2.0/14.2	3551
	6	12	0.72	1100	0	5	1.5	-10	120	FKM	121K3306	4270	481000	8	8	2.0/14.2	3551
	6	12	0.72	1100	0	5	3	-10	120	FKM	121K3306	4270	486265	14	14	2.0/14.2	3551

BRASS

PIPE MOUNTING

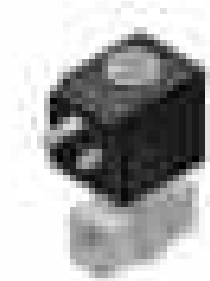
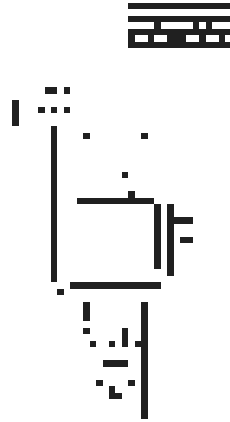
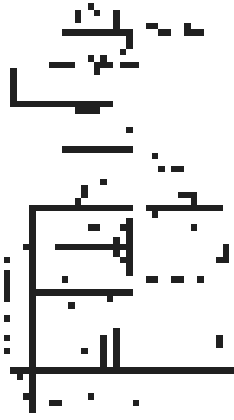
NORMALLY OPEN



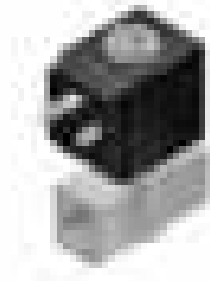
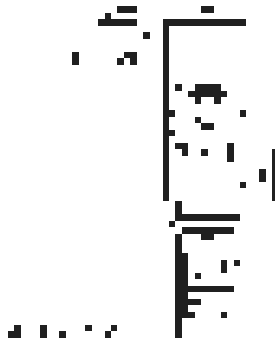
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/8"	2.5	3.5	0.21	-	0	30	-	-30	140	Ruby	122K9363	4270	481044	14	-	2.2	3510
	2.5	3.5	0.21	-	0	30	30	-30	140	Ruby	122K9363	4270	486265	14	14	2.2	3510
1/4"	1.5	1.5	0.09	9.6	0	30	30	-10	100	PCTFE	122K84	2995	481865	8	9	2.0	3510
	1.5	1.5	0.09	9.6	0	30	30	-10	100	PCTFE	122K84	4270	481000	8	8	2.0	3510
	1.5	1.5	0.09	9.6	0	30	30	-10	120	PCTFE	122K84	4270	486265	14	14	2.0	3510
	1.5	1.5	0.09	80	0	40	40	-30	100	Ruby	122K8408	2995	481865	8	9	2.1	3510
	1.5	1.5	0.09	80	0	40	40	-30	130	Ruby	122K8408	4270	481000	8	8	2.1	3510
	1.5	1.5	0.09	80	0	40	40	-30	130	Ruby	122K8408	4270	486265	14	14	2.0	3510
	2.5	3.5	0.21	-	0	30	-	-30	140	Ruby	122K8363	4270	481044	14	-	2.2	3510
	2.5	3.5	0.21	-	0	30	30	-30	140	Ruby	122K8363	4270	486265	14	14	2.2	3510



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/8"	1.5	1.5	1.1	-30	-10
To	3/8"	6	12	40	140	50



Drawing 3510



Drawing 3551

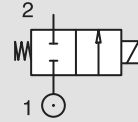
2/2

VALVES FOR HYDRAULIC OIL AND NEUTRAL LIQUIDS (UP TO 100 BAR) DIRECT OPERATED

BRASS

SUB-BASE MOUNTING

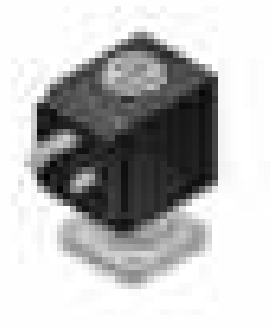
NORMALLY CLOSED



Port size	Orifice Ø mm	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
SB	1.5	1.5	0.09	80	0	60	25	-30	100	Ruby	121F67	2995	481865	8	9	2.0	3509
	1.5	1.5	0.09	80	0	75	30	-30	130	Ruby	121F67	4270	481000	8	8	2.0	3509
	1.5	1.5	0.09	80	0	100	55	-30	120	Ruby	121F67	4270	486265	14	14	2.0	3509
	1.5	1.5	0.09	80	0	60	25	-30	75	PCTFE	E121F44	2995	481865	8	9	2.0	3509
	1.5	1.5	0.09	80	0	70	30	-30	75	PCTFE	E121F44	4270	481000	8	8	2.0	3509
	1.5	1.5	0.09	80	0	70	55	-30	75	PCTFE	E121F44	4270	486265	14	14	2.0	3509
	2.5	3.5	0.21	220	0	14	10	-10	100	FKM	121F4706	2995	481865	8	9	2.0	3509
	2.5	3.5	0.21	220	0	14	9	-10	120	FKM	121F4706	4270	481000	8	8	2.0	3509
	2.5	3.5	0.21	220	0	14	14	-10	120	FKM	121F4706	4270	486265	14	14	2.0	3509
	2.5	3.5	0.21	220	0	28	10	-30	100	Ruby	121F63	2995	481865	8	9	2.0	3509
	2.5	3.5	0.21	220	0	34	12	-30	130	Ruby	121F63	4270	481000	8	8	2.0	3509
	2.5	3.5	0.21	220	0	50	22	-30	120	Ruby	121F63	4270	486265	14	14	2.0	3509
	3	4.5	0.27	320	0	20	7	-30	100	Ruby	121F64	2995	481865	8	9	2.0	3509
	3	4.5	0.27	320	0	25	8.5	-30	130	Ruby	121F64	4270	481000	8	8	2.0	3509
	3	4.5	0.27	320	0	36	15	-30	120	Ruby	121F64	4270	486265	14	14	2.0	3509
	3	4.5	0.27	320	0	20	7	-30	75	PCTFE	E121F43	2995	481865	8	9	2.0	3509
	3	4.5	0.27	320	0	25	8.5	-30	75	PCTFE	E121F43	4270	481000	8	8	2.0	3509
	3	4.5	0.27	320	0	36	15	-30	75	PCTFE	E121F43	4270	486265	14	14	2.0	3509



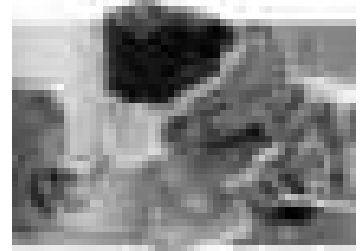
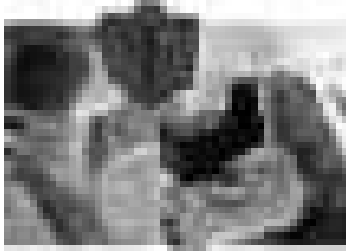
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	5 mm	1.5	1.5	7	-30	-10
To	5 mm	3	4.5	100	130	50



Drawing 3509

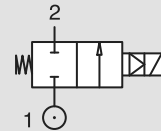
2/2

VALVES FOR HYDRAULIC OIL AND NEUTRAL LIQUIDS (UP TO 100 BAR) PILOT OPERATED



BRASS PIPE MOUNTING

NORMALLY CLOSED



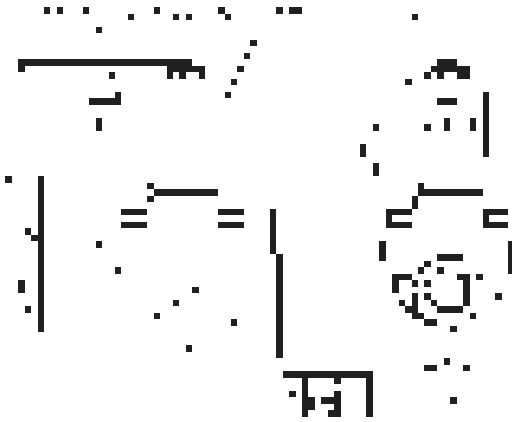
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/4"	8	36	2.16	1600	0.3	40	25	-10	100	NBR	E321H11 ¹²	2995	481865	8	9	2.0	3523
	8	36	2.16	1600	0.3	40	30	-10	100	NBR	E321H11 ¹²	4270	481000	8	8	2.0	3523
	8	36	2.16	1600	0.3	40	40	-10	100	NBR	E321H11 ¹²	4270	486265	14	14	2.0	3523
	8	36	2.16	-	0.3	40	25	-10	100	FKM	E321H21 ¹²	2995	481865	8	9	2.0	3523
	8	36	2.16	-	0.3	40	30	-10	120	FKM	E321H21 ¹²	4270	481000	8	8	2.0	3523
	8	36	2.16	-	0.3	40	40	-10	140	FKM	E321H21 ¹²	4270	486265	14	14	2.0	3523
3/8"	11	50	3	2800	0.3	40	25	-10	100	NBR	E321H13 ¹²	2995	481865	8	9	2.0	3521
	11	50	3	2800	0.3	40	30	-10	100	NBR	E321H13 ¹²	4270	481000	8	8	2.0	3521
	11	50	3	2800	0.3	40	40	-10	100	NBR	E321H13 ¹²	4270	486265	14	14	2.0	3521
	11	50	3	-	0.3	40	25	-10	100	FKM	E321H23 ¹²	2995	481865	8	9	2.0	3521
	11	50	3	-	0.3	40	30	-10	120	FKM	E321H23 ¹²	4270	481000	8	8	2.0	3521
	11	50	3	-	0.3	40	40	-10	140	FKM	E321H23 ¹²	4270	486265	14	14	2.0	3521
	11	36	2.16	-	0.2	20	-	-10	100	Ruby	E321K63	2995	483510	9	-	2.0	3429
	11	36	2.16	-	0.2	30	-	-10	140	Ruby	E321K63	4270	488553	9	-	2.0	3429
	11	36	2.16	-	0.2	4	4	-10	120	Ruby	E321K63	-	492190	11	9	2.0	3429

Notes:

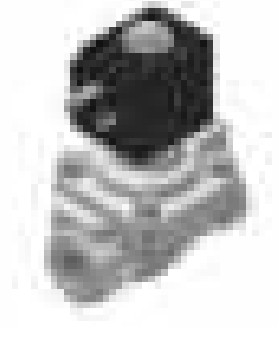
- 1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
- 2. Pilot seat disc in synthetic Ruby



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	8	36	3	-10	-10
To	3/8"	11	50	40	140	50



Drawing 3523



Drawing 3521



Drawing 3429

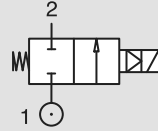
2/2

VALVES FOR HYDRAULIC OIL AND NEUTRAL LIQUIDS (UP TO 100 BAR) PILOT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



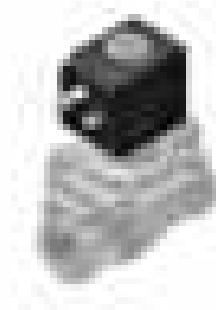
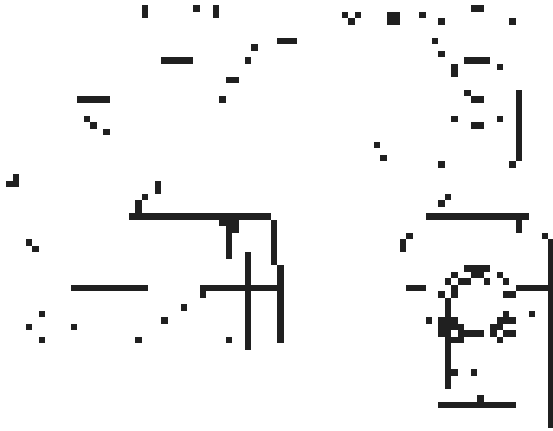
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/2"	15	60	3.6	3150	0.3	40	25	-10	100	NBR	E321H15 ¹²	2995	481865	8	9	2.0	3522
	15	60	3.6	3150	0.3	40	30	-10	100	NBR	E321H15 ¹²	4270	481000	8	8	2.0	3522
	15	60	3.6	3150	0.3	40	40	-10	100	NBR	E321H15 ¹²	4270	486265	14	14	2.0	3522
	15	60	3.6	-	0.3	40	25	-10	100	FKM	E321H25 ¹²	2995	481865	8	9	2.0/14.2	3522
	15	60	3.6	-	0.3	40	30	-10	120	FKM	E321H25 ¹²	-	483371	8	8	2.0/14.2	3522
	15	60	3.6	-	0.3	40	40	-10	140	FKM	E321H25 ¹²	4270	486265	14	14	2.0/14.2	3522

Notes:

1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
2. Pilot seat disc in synthetic Ruby



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/2"	15	60	25	-10	-10
To	1/2"	15	60	40	140	50



Drawing 3522

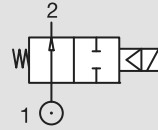
2/2

VALVES FOR HYDRAULIC OIL AND NEUTRAL LIQUIDS (UP TO 100 BAR)
PILOT OPERATED

BRASS

PIPE MOUNTING

NORMALLY OPEN



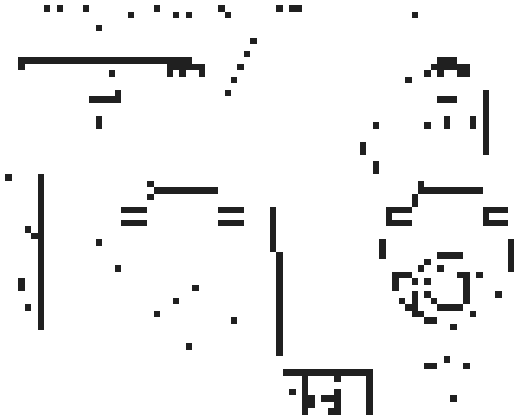
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/4"	8	36	2.16	-	0.3	40	40	-10	100	FKM	322H7106 ¹²	2995	481865	8	9	2.0/14.1	3523
	8	36	2.16	-	0.3	40	40	-10	120	FKM	322H7106 ¹²	4270	481000	8	8	2.0/14.1	3523
	8	36	2.16	-	0.3	40	40	-10	140	FKM	322H7106 ¹²	4270	486265	14	14	2.0/14.1	3523
3/8"	11	50	3	3240	0.3	40	40	-10	75	NBR	322H73 ¹²	2995	481865	8	9	2.0	3523
	11	50	3	3240	0.3	40	40	-10	75	NBR	322H73 ¹²	4270	481000	8	8	2.0	3523
	11	50	3	3240	0.3	40	40	-10	75	NBR	322H73 ¹²	4270	486265	14	14	2.0	3523
	11	50	3	-	0.3	40	40	-10	100	FKM	322H7306 ¹²	2995	481865	8	9	2.0/14.1	3523
	11	50	3	-	0.3	40	40	-10	100	FKM	322H7306 ¹²	4270	481000	8	8	2.0/14.1	3523
	11	50	3	-	0.3	40	40	-10	140	FKM	322H7306 ¹²	4270	486265	14	14	2.0/14.1	3523
1/2"	15	60	3.6	3890	0.3	20	20	-10	100	FKM	322G7506 ¹	2995	481865	8	9	2.0	3522
	15	60	3.6	3890	0.3	20	20	-10	100	FKM	322G7506 ¹	4270	481000	8	8	2.0	3522
	15	60	3.6	3890	0.3	20	20	-10	100	FKM	322G7506 ¹	4270	486265	14	14	2.0	3522
	15	60	3.6	3890	0.3	40	40	-10	100	NBR	322H75 ¹²	2995	481865	8	9	2.0	3522
	15	60	3.6	3890	0.3	40	40	-10	100	NBR	322H75 ¹²	4270	481000	8	8	2.0	3522
	15	60	3.6	3890	0.3	40	40	-10	100	NBR	322H75 ¹²	4270	486265	14	14	2.0	3522
	15	60	3.6	-	0.3	40	40	-10	100	FKM	322H7506 ¹²	2995	481865	8	9	2.0/14.1	3522
	15	60	3.6	-	0.3	40	40	-10	120	FKM	322H7506 ¹²	4270	481000	8	8	2.0/14.1	3522
	15	60	3.6	-	0.3	40	40	-10	140	FKM	322H7506 ¹²	4270	486265	14	14	2.0/14.1	3522

Notes:

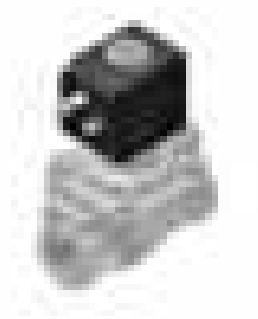
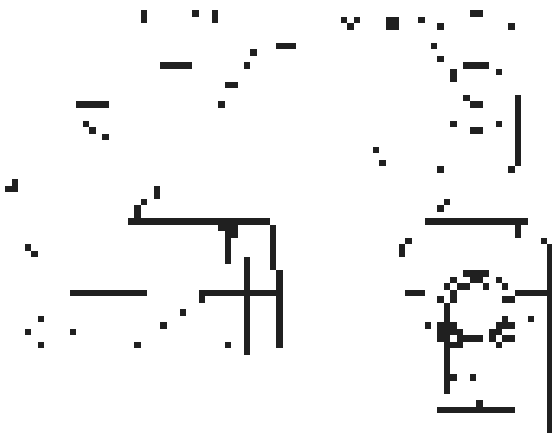
- 1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
- 2. Pilot seat disc in synthetic Ruby



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	8	36	20	-10	-10
To	1/2"	15	60	40	140	50



Drawing 3523



Drawing 3522

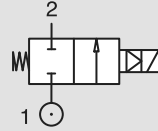
2/2

VALVES FOR HYDRAULIC OIL AND NEUTRAL LIQUIDS (UP TO 100 BAR) PILOT OPERATED

BRASS

SUB-BASE MOUNTING

NORMALLY CLOSED



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
BSP	14	45	2.7	-	0.3	40	25	-10	100	FKM	E321F3202 ¹²	2995	481865	8	9	2.0	3520
SB	14	45	2.7	-	0.3	40	30	-10	120	FKM	E321F3202 ¹²	4270	481000	8	8	2.0	3520
	14	45	2.7	-	0.3	40	40	-10	140	FKM	E321F3202 ¹²	4270	486265	14	14	2.0	3520

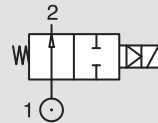
Notes:

1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
2. Pilot seat disc in synthetic Ruby

BRASS

SUB-BASE MOUNTING

NORMALLY OPEN



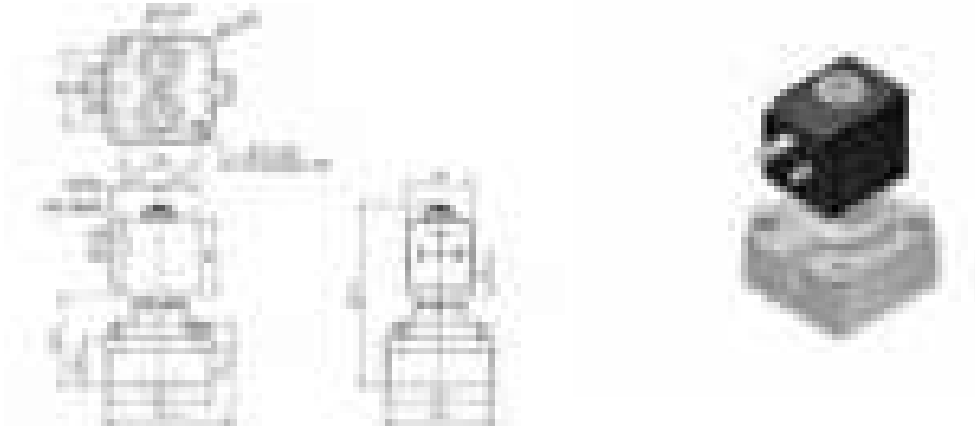
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
BSP	14	45	2.7	-	0.3	40	40	0	100	FKM	322F7206 ¹²	2995	481865	8	9	2.1/14.1	3520
SB	14	45	2.7	-	0.3	40	40	0	120	FKM	322F7206 ¹²	4270	481000	8	8	2.1/14.1	3520

Notes:

1. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
2. Pilot seat disc in synthetic Ruby



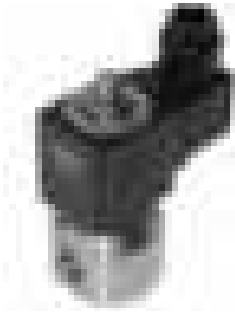
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	14 mm	14	45	25	-10	-10
To	14 mm	14	45	40	140	50



Drawing 3520

2 WAY VALVES

HIGH CORROSION RESISTANT VALVES (303 STAINLESS STEEL)

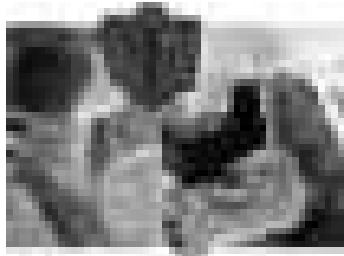
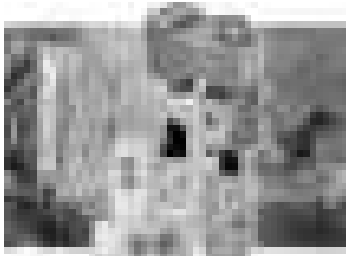


2/2

Actuation	Body	Function	Port Size	Orifice (mm)	Flow Factor Kv(l/min)	MOPD (bar)	Max Fluid Temp. (°C)	Page Parker Valves	Page Parker LUCIFER® Valves
Direct Operated	303 Stainless St./Pipe mounting	Normally Closed	1/4"	1.5 to 5	10	100	180	-	158
		Normally Open	1/4"	2.5	3	12	120	-	162

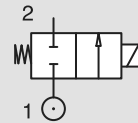
2/2

HIGH CORROSION RESISTANT VALVES (303 STAINLESS STEEL) DIRECT OPERATED



303 STAINLESS ST. PIPE MOUNTING

NORMALLY CLOSED



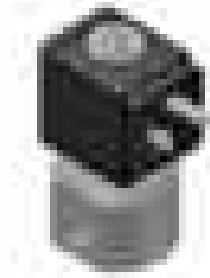
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			IS	Power		Coil Group	Dwg. No.
		Kv	KV	Qn	Min	Max(MOPD)	Min	Max	Valve Ref.		Housing Ref.	Coil Ref.	AC W		DC W			
BSP	mm	l/min	m³/h	l/min	bar	AC bar	DC bar	°C	°C									
1/4"	1.5	1.5	0.09	80	0	20	20	-10	100	FKM	121V5406	2995	481865		8	9	2.0	8116
	1.5	1.5	0.09	80	0	20	20	-10	120	FKM	121V5406	4270	481000		8	8	2.0	8116
	1.5	1.5	0.09	80	0	60	25	0	100	Ruby	121V5463 ₁	2995	481865		8	9	2.0	8116
	1.5	1.5	0.09	80	0	75	30	0	130	Ruby	121V5463 ₁	4270	481000		8	8	2.0	8116
	1.5	1.5	0.09	80	0	100	55	0	140	Ruby	121V5463 ₁	4270	486265		14	14	2.0	8116
	1.5	1.5	0.09	80	0	-	8	-20	75	PUR	121V5497 ₂	2995	482740		-	1.6	3.0/6.0/8.0	8024
	1.5	1.5	0.09	80	0	10	10	-20	75	PUR	121V5497 ₂	-	495900		2.5	2	3.0/6.0/8.0	8024
	1.5	1.5	0.09	80	0	-	10	-20	75	PUR	121V5497 ₂	-	495910	*	-	0.3 to 3	3.0/6.0/8.0	8024
	1.5	1.5	0.09	80	0	-	8	-20	75	PUR	121V5497 ₂	2995	496125		-	1.6	3.0/6.0/8.0	8024
	2.5	3.5	0.21	220	0	14	7	-10	100	FKM	121V5706	2995	481865		8	9	2.0	8116
	2.5	3.5	0.21	220	0	14	9	-10	120	FKM	121V5706	4270	481000		8	8	2.0	8116
	2.5	3.5	0.21	220	0	14	14	-10	120	FKM	121V5706	4270	486265		14	14	2.0	8116
	2.5	3.5	0.21	220	0	28	10	0	100	Ruby	121V5763 ₁	2995	481865		8	9	2.0	8116
	2.5	3.5	0.21	220	0	34	12	0	130	Ruby	121V5763 ₁	4270	481000		8	8	2.0	8116
	2.5	3.5	0.21	220	0	50	22	0	140	Ruby	121V5763 ₁	4270	486265		14	14	2.0	8116
	3	4.5	0.27	315	0	10	7	-10	100	FKM	121V5306	2995	481865		8	9	2.0	8116
	3	4.5	0.27	315	0	10	8.5	-10	120	FKM	121V5306	4270	481000		8	8	2.0	8116
	3	4.5	0.27	315	0	10	10	-10	120	FKM	121V5306	4270	486265		14	14	2.0	8116
	3	4.5	0.27	315	0	20	7	0	100	Ruby	121V5363 ₁	2995	481865		8	9	2.0	8116
	3	4.5	0.27	315	0	25	8.5	0	130	Ruby	121V5363 ₁	4270	481000		8	8	2.0	8116
3	4.5	0.27	315	0	36	15	0	140	Ruby	121V5363 ₁	4270	486265		14	14	2.0	8116	

Notes:

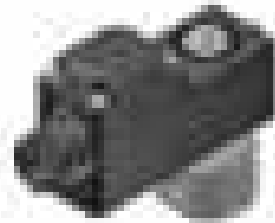
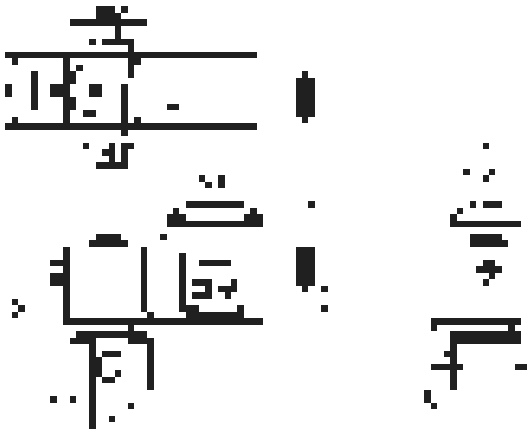
- 1. Valve only compatible with hydraulic oil and neutral liquids
- 2. Valve compatible with water only up to 40°C



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	1.5	1.5	7	-20	-20
To	1/4"	3	4.5	100	140	50



Drawing 8116

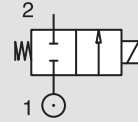


Drawing 8024

2/2

HIGH CORROSION RESISTANT VALVES (303 STAINLESS STEEL) DIRECT OPERATED

303 STAINLESS ST.
PIPE MOUNTING



NORMALLY CLOSED

Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			IS	Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.		AC W	DC W		
1/4"	3	3.5	0.21	220	0	-	2	-20	75	PUR	121V5397 ₂	2995	482740	-	1.6	3.0/6.0/8.0	8024	
	3	3.5	0.21	220	0	4.5	4	-20	75	PUR	121V5397 ₂	-	495900	2.5	2	3.0/6.0/8.0	8024	
	3	3.5	0.21	220	0	-	4.5	-20	75	PUR	121V5397 ₂	-	495910	*	-	0.3 to 3	3.0/6.0/8.0	8024
	3	3.5	0.21	220	0	-	2	-20	75	PUR	121V5397 ₂	2995	496125	-	1.6	3.0/6.0/8.0	8024	
	4	7	0.42	450	0	10	4	-10	100	FKM	121V5206	2995	481865	8	9	2.0	8116	
	4	7	0.42	450	0	10	5	-10	120	FKM	121V5206	4270	481000	8	8	2.0	8116	
	4	7	0.42	450	0	10	10	-10	120	FKM	121V5206	4270	486265	14	14	2.0	8116	
	4	7	0.42	450	0	3.5	3.5	0	100	PTFE	121V5212 ₁	2995	481865	8	9	2.0	8116	
	4	7	0.42	450	0	3.5	3.5	0	130	PTFE	121V5212 ₁	4270	481000	8	8	2.0	8116	
	4	7	0.42	450	0	3.5	3.5	0	130	PTFE	121V5212 ₁	4270	486265	14	14	2.0	8116	
	4	7	0.42	450	0	12	4	0	100	Ruby	121V5263 ₁	2995	481865	8	9	2.0	8116	
	4	7	0.42	450	0	15	5	0	130	Ruby	121V5263 ₁	4270	481000	8	8	2.0	8116	
	4	7	0.42	450	0	22	10	0	180	Ruby	121V5263 ₁	4270	486265	14	14	2.0	8116	
	5	10	0.6	750	0	7	2	-10	100	FKM	121V5106	2995	481865	8	9	2.0	8116	
	5	10	0.6	750	0	7	2.8	-10	120	FKM	121V5106	4270	481000	8	8	2.0	8116	
	5	10	0.6	750	0	7	5	-10	120	FKM	121V5106	4270	486265	14	14	2.0	8116	
	5	10	0.6	-	0	2.8	2	0	100	PTFE	121V5112 ₁	2995	481865	8	9	2.0	8116	
	5	10	0.6	-	0	2.8	2.8	0	130	PTFE	121V5112 ₁	4270	481000	8	8	2.0	8116	
	5	10	0.6	-	0	2.8	2.8	0	130	PTFE	121V5112 ₁	4270	486265	14	14	2.0	8116	
	5	10	0.6	750	0	8.5	2	0	100	Ruby	121V5163 ₁	2995	481865	8	9	2.0	8116	
5	10	0.6	750	0	10	3.5	0	130	Ruby	121V5163 ₁	4270	481000	8	8	2.0	8116		
5	10	0.6	750	0	14	6.5	0	140	Ruby	121V5163 ₁	4270	486265	14	14	2.0	8116		

Notes:

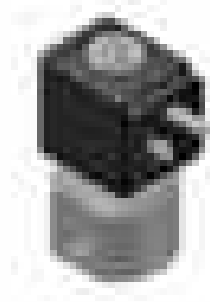
1. Valve only compatible with hydraulic oil and neutral liquids
2. Valve compatible with water only up to 40°C



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	3	3.5	2	-20	-20
To	1/4"	5	10	22	180	50



Drawing 8024

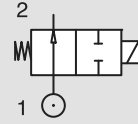


Drawing 8116

2/2

HIGH CORROSION RESISTANT VALVES (303 STAINLESS STEEL) DIRECT OPERATED

303 STAINLESS ST.
PIPE MOUNTING

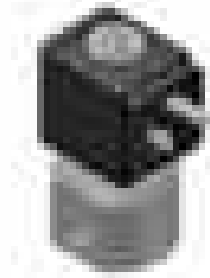
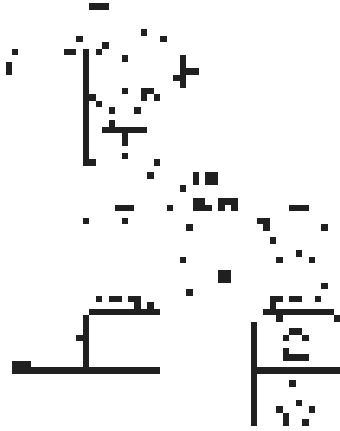


NORMALLY OPEN

Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/4"	2.5	3	0.18	180	0	12	12	-30	100	FKM	122V8306	2995	481865	8	9	2.1	8116
	2.5	3	0.18	180	0	12	12	-30	120	FKM	122V8306	4270	481000	8	8	2.1	8116

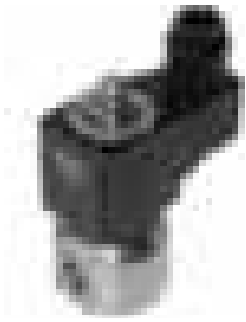


For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	2.5	3	12	-30	-10
To	1/4"	2.5	3	12	120	50



Drawing 8116

2 WAY VALVES



HIGH CORROSION RESISTANT VALVES (316L STAINLESS STEEL)

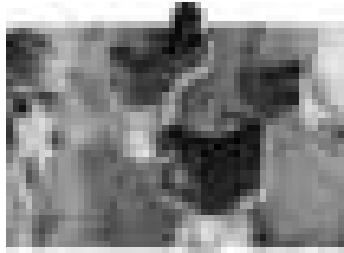
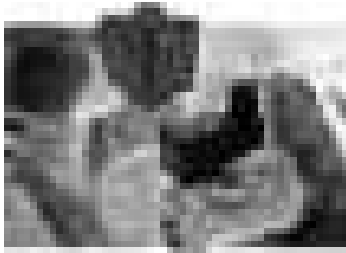


2/2

Actuation	Body	Function	Port Size	Orifice (mm)	Flow Factor Kv(l/min)	MOPD (bar)	Max Fluid Temp. (°C)	Page Parker Valves	Page Parker LUCIFER® Valves
Direct Operated	316L Stainless St./Pipe Mounting	Normally Closed	1/4"	1.5 to 3.5	2.3	20	140	166	-
			1/8"	1.5 to 2.5	2.3	20	140	166	-
			1/2"	5 to 6.2	13	4	140	168	-
			3/8"	5 to 6.2	13	4	140	168	-
			1/4"	1	0.6	98	75	-	170
Magnalift	316L Stainless St./Pipe Mounting	Normally Closed	1/2"	15	50	10	140	172	-
			3/4"	24	95	10	140	172	-
			3/8"	15	40	10	140	172	-
			1"	24	105	10	140	174	-

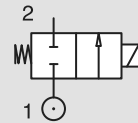
2/2

HIGH CORROSION RESISTANT VALVES (316L STAINLESS STEEL) DIRECT OPERATED



316L STAINLESS ST. PIPE MOUNTING

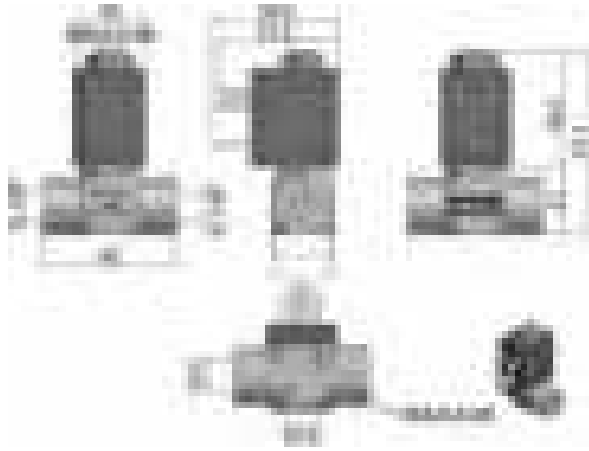
NORMALLY CLOSED



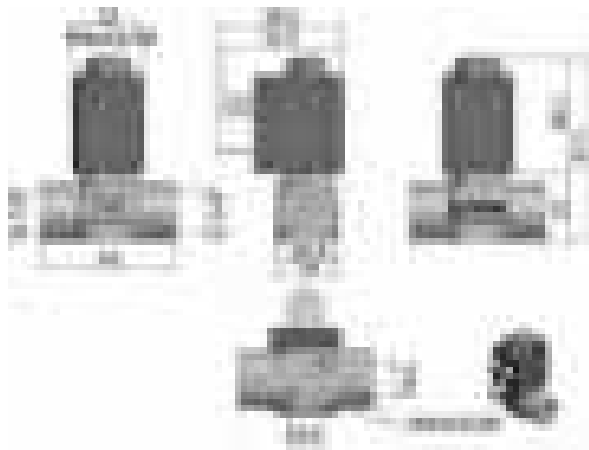
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Valve Ref.	Parker Valves		Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C			Housing Ref.	Coil Ref.	AC W	DC W		
1/8"	1.5	1	0.06	-	0	20	-	-10	140	FKM	201LG1GVG2	-	WB4.5	4.5	-	1.1/1.3	074
	1.5	1	0.06	-	0	-	10	-10	140	FKM	201LG1GVG2	-	WB5.0	-	5	1.1/1.3	074
	2	1.8	0.11	-	0	15	-	-10	140	FKM	201LG1JVG2	-	WB4.5	4.5	-	1.1/1.3	074
	2	1.8	0.11	-	0	-	7	-10	140	FKM	201LG1JVG2	-	WB5.0	-	5	1.1/1.3	074
	2.5	2.3	0.14	-	0	10	-	-10	140	FKM	201LG1LVG2	-	WB4.5	4.5	-	1.1/1.3	074
	2.5	2.3	0.14	-	0	-	4	-10	140	FKM	201LG1LVG2	-	WB5.0	-	5	1.1/1.3	074
1/4"	1.5	1	0.06	-	0	20	-	-10	140	FKM	201LG2GVG2	-	WB4.5	4.5	-	1.1/1.3	075
	1.5	1	0.06	-	0	-	10	-10	140	FKM	201LG2GVG2	-	WB5.0	-	5	1.1/1.3	075
	2	1.8	0.11	-	0	15	-	-10	140	FKM	201LG2JVG2	-	WB4.5	4.5	-	1.1/1.3	075
	2	1.8	0.11	-	0	-	7	-10	140	FKM	201LG2JVG2	-	WB5.0	-	5	1.1/1.3	075
	2.5	2.3	0.14	-	0	10	-	-10	140	FKM	201LG2LVG2	-	WB4.5	4.5	-	1.1/1.3	075
	2.5	2.3	0.14	-	0	-	4	-10	140	FKM	201LG2LVG2	-	WB5.0	-	5	1.1/1.3	075
	3	0.5	0.03	-	0	8	8	-10	140	FKM	201LG2NVG7	-	481865	8	9	2.0	076
	3	0.5	0.03	-	0	10	11	-10	140	FKM	201LG2NVG7	-	491514	13	16	2.0	076
	3.5	0.6	0.04	-	0	6	6	-10	140	FKM	201LG2PVG7	-	481865	8	9	2.0	076
3.5	0.6	0.04	-	0	7	8	-10	140	FKM	201LG2PVG7	-	491514	13	16	2.0	076	



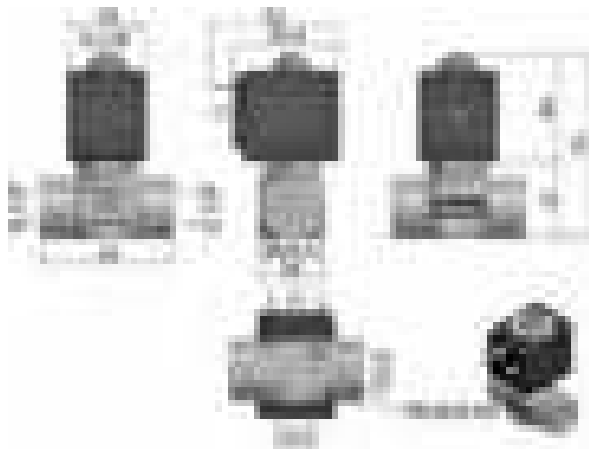
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/8"	1.5	0.5	4	-10	-10
To	1/4"	3.5	2.3	20	140	50



Drawing 074



Drawing 075

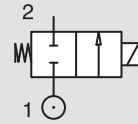


Drawing 076

2/2

HIGH CORROSION RESISTANT VALVES (316L STAINLESS STEEL) DIRECT OPERATED

316L STAINLESS ST.
PIPE MOUNTING

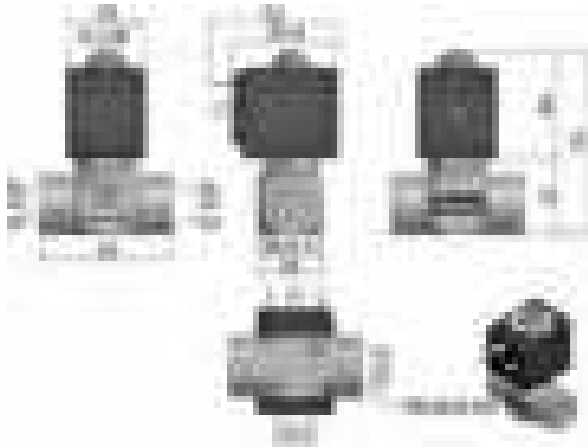


NORMALLY CLOSED

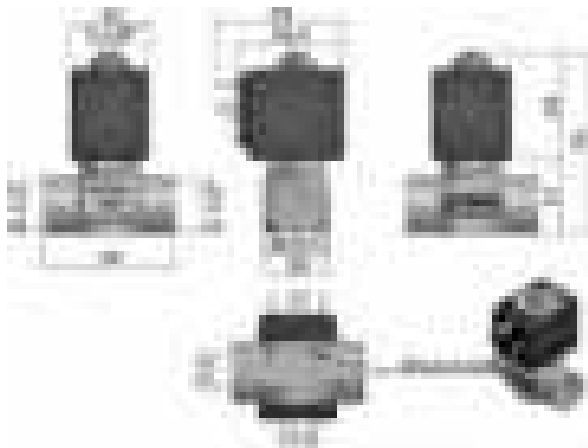
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Valve Ref.	Parker Valves		Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C			Housing Ref.	Coil Ref.	AC W	DC W		
3/8"	5	11	0.66	-	0	3	3	-10	140	FKM	201LG3SVG7	-	481865	8	9	2.0	077
	5	11	0.66	-	0	4	4	-10	140	FKM	201LG3SVG7	-	491514	13	16	2.0	077
	6.2	13	0.78	-	0	2	2	-10	140	FKM	201LG3UVG7	-	481865	8	9	2.0	077
	6.2	13	0.78	-	0	2	3	-10	140	FKM	201LG3UVG7	-	491514	13	16	2.0	077
1/2"	5	11	0.66	-	0	3	3	-10	140	FKM	201LG4SVG7	-	481865	8	9	2.0	078
	5	11	0.66	-	0	4	4	-10	140	FKM	201LG4SVG7	-	491514	13	16	2.0	078
	6.2	13	0.78	-	0	2	2	-10	140	FKM	201LG4UVG7	-	481865	8	9	2.0	078
	6.2	13	0.78	-	0	2	3	-10	140	FKM	201LG4UVG7	-	491514	13	16	2.0	078



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/8"	5	11	2	-10	-10
To	1/2"	6.2	13	4	140	50



Drawing 077

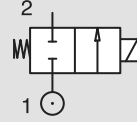


Drawing 078

2/2

HIGH CORROSION RESISTANT VALVES (316L STAINLESS STEEL) DIRECT OPERATED

316L STAINLESS ST.
PIPE MOUNTING



NORMALLY CLOSED

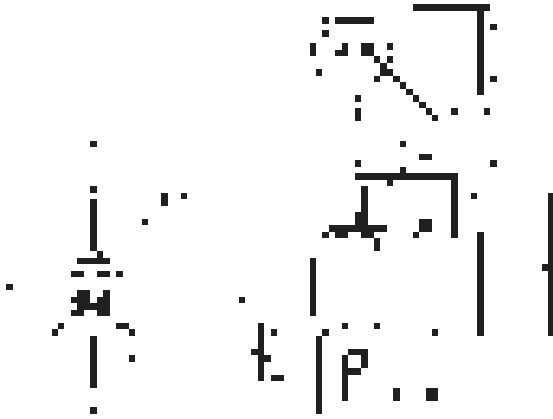
Port size	Orifice Ø mm	Flow factors			Operating Pressure Differential Max(MOPD)			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			IS	Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.		AC W	DC W		
1/4" NPT	1	0.6	0.036	40	0	-	98	-40	75	PUR	U121V5595 ₁	-	492210	-	1.8	9.0/10.1	6713	
	1	0.6	0.036	40	0	-	98	-40	75	PUR	U121V5595 ₁	-	496565	*	0.3	9.0/10.1	6713	
	1	0.6	0.036	40	0	98	98	-40	75	PUR	U121V5595 ₁	-	496800	8	8	9.0/10.1	6713	
	1	0.6	0.036	40	0	98	98	-40	75	PUR	U121V5595 ₁	-	496895	8	8	9.0/10.1	6713	
	1	0.6	0.036	40	0	98	98	-40	75	PUR	U121V5596 ₁	-	492310	6	6	10.1	6713	
	1	0.6	0.036	40	0	98	98	-40	75	PUR	U121V5596 ₁	-	496560	8	8	10.1	6713	
	1	0.6	0.036	40	0	98	98	-40	75	PUR	U121V5596 ₁	-	496800	8	8	10.1	6713	
	1	-	-	40	0	98	98	-10	75	PUR	U121V55961D ₁	-	483270	8	8	11.0	6714	
1	-	-	40	0	98	98	-10	75	PUR	U121V55961D ₁	-	483270.02	8	8	11.0	6714		

Notes:

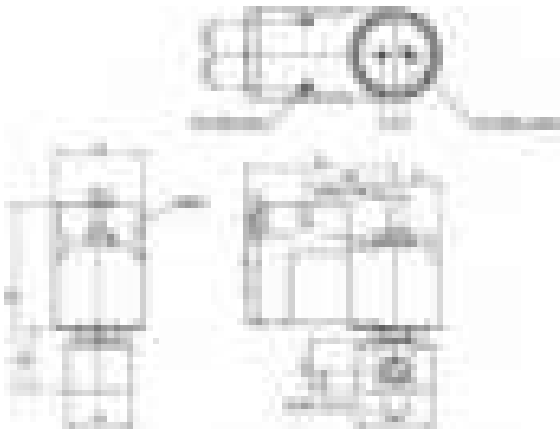
1. Valve delivered with an individual material traceability certificate (3.1 following EN10204)



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	1	-	98	-40	-40
To	1/4"	1	0.6	98	75	50



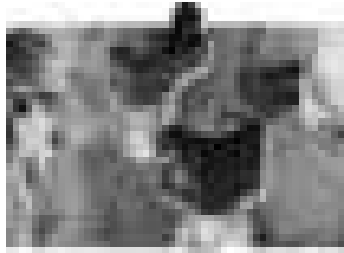
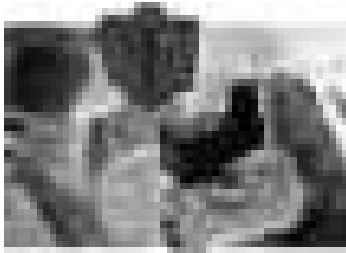
Drawing 6713



Drawing 6714

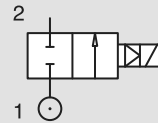
2/2

HIGH CORROSION RESISTANT VALVES (316L STAINLESS STEEL) MAGNALIFT



316L STAINLESS ST. PIPE MOUNTING

NORMALLY CLOSED



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
3/8"	15	40	2.4	-	0	10	-	-10	85	EPDM	221S10E	2995	481865	8	-	2.0	067
	15	40	2.4	-	0	10	7	-10	140	EPDM	221S10E ₁	4270	486265	14	14	2.0	067
	15	40	2.4	-	0	10	-	-10	85	FKM	221S10F	2995	481865	8	-	2.0	067
	15	40	2.4	-	0	10	7	-10	85	FKM	221S10F ₁	4270	486265	14	14	2.0	067
1/2"	15	50	3	-	0	10	-	-10	85	EPDM	221S15E	2995	481865	8	-	2.0	068
	15	50	3	-	0	10	7	-10	140	EPDM	221S15E ₁	4270	486265	14	14	2.0	068
	15	50	3	-	0	10	-	-10	85	FKM	221S15F	2995	481865	8	-	2.0	068
	15	50	3	-	0	10	7	-10	85	FKM	221S15F ₁	4270	486265	14	14	2.0	068
3/4"	24	95	5.7	-	0	10	-	-10	85	EPDM	221S20E	2995	481865	8	-	2.0	069
	24	95	5.7	-	0	10	7	-10	140	EPDM	221S20E ₁	4270	486265	14	14	2.0	069
	24	95	5.7	-	0	10	-	-10	85	FKM	221S20F	2995	481865	8	-	2.0	069
	24	95	5.7	-	0	10	7	-10	85	FKM	221S20F ₁	4270	486265	14	14	2.0	069

Notes:

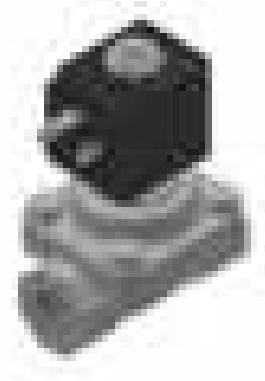
1. Maximum pressure for steam: 4 Bar (140°C)



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/8"	15	40	7	-10	-10
To	3/4"	24	95	10	140	50



Drawing 067



Drawing 068

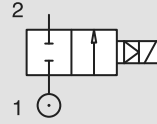


Drawing 069

2/2

HIGH CORROSION RESISTANT VALVES (316L STAINLESS STEEL) MAGNALIFT

316L STAINLESS ST.
PIPE MOUNTING



NORMALLY CLOSED

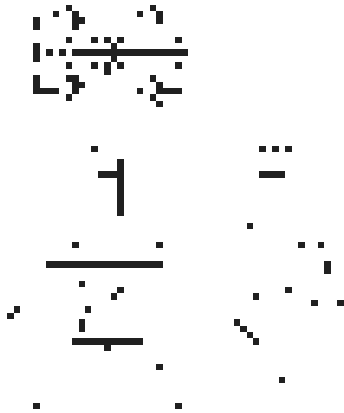
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1"	24	105	6.3	-	0	10	-	-10	85	EPDM	221S25E	2995	481865	8	-	2.0	070
	24	105	6.3	-	0	10	7	-10	140	EPDM	221S25E ₁	4270	486265	14	14	2.0	070
	24	105	6.3	-	0	10	-	-10	85	FKM	221S25F	2995	481865	8	-	2.0	070
	24	105	6.3	-	0	10	7	-10	85	FKM	221S25F ₁	4270	486265	14	14	2.0	070

Notes:

1. Maximum pressure for steam: 4 Bar (140°C)



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1"	24	105	7	-10	-10
To	1"	24	105	10	140	50



Drawing 070

2 WAY VALVES

OIL BURNER VALVES



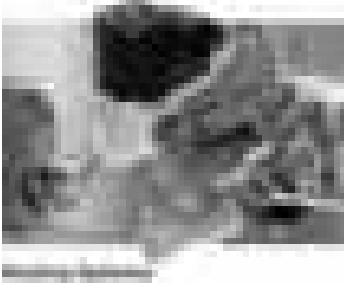
2/2

Actuation	Body	Function	Port Size	Orifice (mm)	Flow Factor Kv(l/min)	MOPD (bar)	Max Fluid Temp. (°C)	Page Parker Valves	Page Parker LUCIFER® Valves
Direct Operated	Brass/Pipe mounting	Normally Closed	1/8"	1.7 to 4	5.3	30	160	178	184
			1/4"	2.5 to 4	6.5	30	160	180	184
			3/8"	5 to 11	22	30	160	182	184
	Brass/Pipe mounting	Normally Open	1/2"	5 to 14	25	30	160	182	184
			1/8"	2.5 to 3	4	30	160	186	188
	1/4"	2.5 to 3	4	30	160	186	188		
	Brass/Sub-base mounting	Normally Closed	14 mm	14	25	30	160	-	188
Magnalift	Brass/Pipe mounting	Normally Closed	1/2"	15	50	5	140	-	190
Pilot Operated	Brass/Pipe mounting	Normally Closed	1/4"	8	36	40	140	-	192
			3/8"	11	50	40	160	-	192
			1/2"	15	60	40	160	-	194
Pilot Operated	Brass/Sub-base mounting	Normally Closed	14 mm	14	45	30	160	-	194

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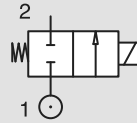
OIL BURNER VALVES

DIRECT OPERATED



BRASS PIPE MOUNTING

NORMALLY CLOSED



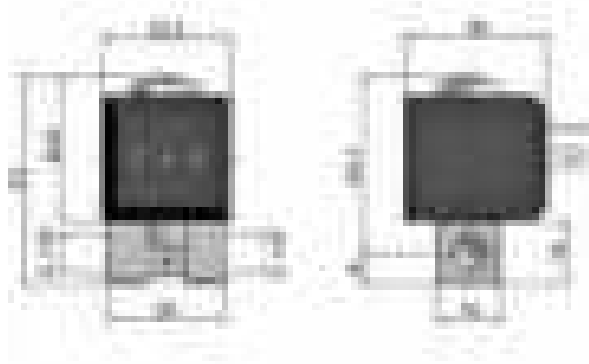
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv	KV	Qn	Min	Max(MOPD)	Min	Max	Valve Order Number		Valve Type	Coil Type	AC W	DC W			
BSP	mm	l/min	m³/h	m³/h	bar	AC bar	DC bar	°C	°C								
1/8"	1.7	1.4	0.086	-	0	25	-	-10	90	NBR	390034 ₂	131IN	KT09 110-120/60	9	-	22.0	015
	1.7	1.4	0.086	-	0	25	-	-10	90	NBR	390085 ₂	131IN	KT09 208-230/60	9	-	22.0	015
	1.7	1.4	0.086	-	0	25	-	-10	90	NBR	390005 ₂	131IN	KT09 24/50	9	-	22.0	015
	1.7	1.4	0.086	-	0	-	22	-10	90	NBR	390120 ₂	131IN	KT10 24 DC	-	10	22.0	015
	1.7	1.4	0.086	-	0	25	-	-10	90	NBR	390300 ₁₂	131INDIN	XT09 230/50	9	-	22.0	015
	1.7	1.4	0.086	-	0	25	-	-10	90	FKM	390086 ₂	131IV	KT09 208-230/60	9	-	22.0	015
	1.7	1.4	0.086	-	0	25	-	-10	90	FKM	390088 ₁₂	131IV	KT09 230/50	9	-	22.0	015
	1.7	1.4	0.086	-	0	25	-	-10	90	FKM	390089 ₂	131IV	KT09 240/50	9	-	22.0	015
	2.2	2	0.12	-	0	15	-	-10	90	NBR	390216 ₂	131AN	KT09 208-230/60	9	-	22.0	015
	2.2	2	0.12	-	0	15	-	-10	90	NBR	390165 ₂	131AN	KT09 230/50	9	-	22.0	015
	2.2	2	0.12	-	0	15	-	-10	90	NBR	390145 ₂	131AN	KT09 24/50	9	-	22.0	015
	2.2	2	0.12	-	0	15	-	-10	90	NBR	390150 ₂	131AN	KT09 42/50	9	-	22.0	015
	2.2	2	0.12	-	0	-	13	-10	90	NBR	390195 ₂	131AN	KT10 12 DC	-	10	22.0	015
	2.2	2	0.12	-	0	-	13	-10	90	NBR	390215 ₂	131AN	KT10 24 DC	-	10	22.0	015
	2.5	3.2	0.192	-	0	30	-	-30	140	Ruby	362496J	PM140IR	ZB09	9	-	20.1/20.2	027
	2.5	3.2	0.192	-	0	-	17	-30	140	Ruby	362496J	PM140IR	ZB12	-	12	20.1/20.2	027
	2.8	2.9	0.174	-	0	8	-	-10	140	FKM	390445 ₂	131.4BV	KT09 115/50	9	-	22.0	012
	2.8	2.9	0.174	-	0	8	-	-10	140	FKM	390457 ₂	131.4BV	KT09 115/60	9	-	22.0	012
	2.8	2.9	0.174	-	0	8	-	-10	140	FKM	390458 ₂	131.4BV	KT09 208-230/60	9	-	22.0	012
	2.8	2.9	0.174	-	0	8	-	-10	140	FKM	390465 ₂	131.4BV	KT09 230/50	9	-	22.0	012
2.8	2.9	0.174	-	0	8	-	-10	140	FKM	390405 ₂	131.4BV	KT09 24/50	9	-	22.0	012	
2.8	2.9	0.174	-	0	-	6	-10	140	FKM	390495 ₂	131.4BV	KT10 12 DC	-	10	22.0	012	
2.8	2.9	0.174	-	0	-	6	-10	140	FKM	390505 ₂	131.4BV	KT10 24 DC	-	10	22.0	012	

Notes:

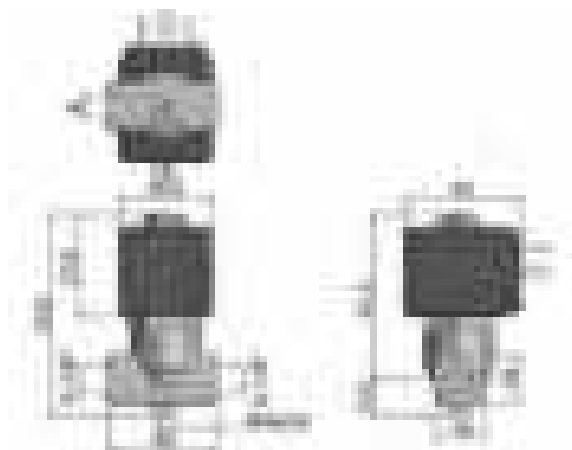
- DIN-EN-ISO 23553-1 (2009-10) approved for oil burners
- Ordering number is for an assembled valve and coil, with the voltage shown.



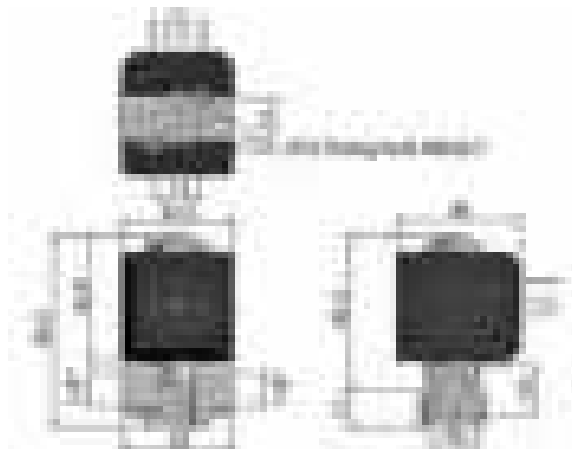
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/8"	1.7	1.4	6	-30	-10
To	1/8"	2.8	3.2	30	140	50



Drawing 015



Drawing 027



Drawing 012

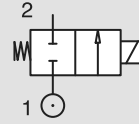
2/2

OIL BURNER VALVES DIRECT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



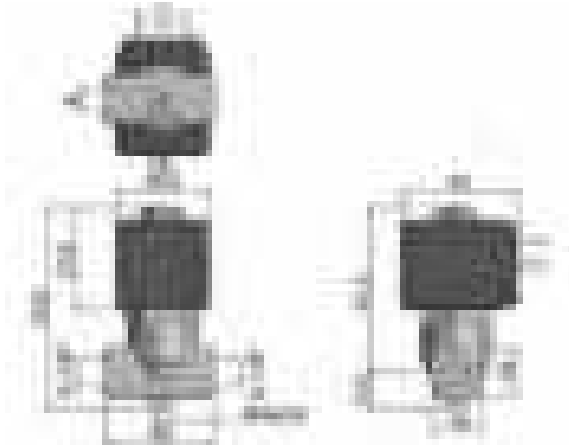
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn m³/h	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Order Number	Valve Type	Coil Type	AC W	DC W		
1/8"	3	4	0.24	-	0	30	-	-30	140	Ruby	362510J ₁	PM140.4AR	ZH14	14	-	20.2	025
	4	5.3	0.318	-	0	2	-	-10	90	NBR	390874 ₂	131.4CG	KT09 115/50	9	-	22.0	013
	4	5.3	0.318	-	0	2	-	-10	90	NBR	390813 ₂	131.4CG	KT09 115/60	9	-	22.0	013
	4	5.3	0.318	-	0	2	-	-10	90	NBR	390878 ₂	131.4CG	KT09 230/50	9	-	22.0	013
	4	5.3	0.318	-	0	2	-	-10	90	NBR	390805 ₂	131.4CG	KT09 24/50	9	-	22.0	013
	4	5.3	0.318	-	0	2	-	-10	90	NBR	390875 ₂	131.4CG	KT09 240/50	9	-	22.0	013
	4	5.3	0.318	-	0	-	1	-10	90	NBR	390803 ₂	131.4CG	KT10 12DC	-	10	22.0	013
	4	5.3	0.318	-	0	-	1	-10	90	NBR	390802 ₂	131.4CG	KT10 24 DC	-	10	22.0	013
1/4"	2.5	3.2	0.192	-	0	30	-	-30	140	Ruby	362518J ₁	PM140CR	ZB09	9	-	20.1/20.2	026
	2.5	3.2	0.192	-	0	-	17	-30	140	Ruby	362518J ₁	PM140CR	ZB12	-	12	20.1/20.2	026
	2.5	3.2	0.192	-	0	30	-	-30	140	Ruby	362518J ₁	PM140CR	ZH14	14	-	20.1/20.2	026
	2.5	3.2	0.192	-	0	-	17	-30	140	Ruby	362518J ₁	PM140CR	ZH16	-	16	20.1/20.2	026
	2.8	2.9	0.174	-	0	8	-	-10	140	FKM	390560 ₂	131.4FV	KT09 115/50	9	-	22.0	014
	2.8	2.9	0.174	-	0	8	-	-10	140	FKM	390560 ₂	131.4FV	KT09 115/60	9	-	22.0	014
	2.8	2.9	0.174	-	0	8	-	-10	140	FKM	390626 ₂	131.4FV	KT09 208-230/60	9	-	22.0	014
	2.8	2.9	0.174	-	0	8	-	-10	140	FKM	390580 ₂	131.4FV	KT09 230/50	9	-	22.0	014
	2.8	2.9	0.174	-	0	8	-	-10	140	FKM	390525 ₂	131.4FV	KT09 24/50	9	-	22.0	014
	2.8	2.9	0.174	-	0	-	6	-10	140	FKM	390605 ₂	131.4FV	KT10 12 DC	-	10	22.0	014
	2.8	2.9	0.174	-	0	-	6	-10	140	FKM	390625 ₂	131.4FV	KT10 24 DC	-	10	22.0	014
	3	4	0.24	-	0	30	-	-30	140	Ruby	362530J ₁	PM140.4DR	ZH14	14	-	20.0/20.1/20.2	026
	3	4	0.24	-	0	30	-	-30	140	Ruby	362524J	PM140DR	ZB09	9	-	20.1/20.2	026
	3	4	0.24	-	0	-	12	-30	140	Ruby	362524J	PM140DR	ZB12	-	12	20.1/20.2	026
	3	4	0.24	-	0	30	-	-30	140	Ruby	362524J	PM140DR	ZH14	14	-	20.1/20.2	026
	3	4	0.24	-	0	-	12	-30	140	Ruby	362524J	PM140DR	ZH16	-	16	20.1/20.2	026
4	5.3	0.318	-	0	1	-	-10	90	NBR	390915 ₂	131.4GG	KT09 115/50	9	-	22.0	013	
4	5.3	0.318	-	0	1	-	-10	90	NBR	390945 ₂	131.4GG	KT09 230/50	9	-	22.0	013	
4	5.3	0.318	-	0	1	-	-10	90	NBR	390895 ₂	131.4GG	KT09 24/50	9	-	22.0	013	
4	5.3	0.318	-	0	1	-	-10	90	NBR	390975 ₂	131.4GG	KT09 240/50	9	-	22.0	013	
4	5.3	0.318	-	0	-	1	-10	90	NBR	390995 ₂	131.4GG	KT10 12 DC	-	10	22.0	013	
4	5.3	0.318	-	0	-	1	-10	90	NBR	390997 ₂	131.4GG	KT10 24 DC	-	10	22.0	013	
4	5.3	0.318	-	0	2	-	-10	140	FKM	390668 ₂	131.4GV	KT09 115/50	9	-	22.0	014	
4	5.3	0.318	-	0	2	-	-10	140	FKM	390700 ₂	131.4GV	KT09 115/60	9	-	22.0	014	
4	5.3	0.318	-	1	2	-	-10	140	FKM	390725 ₂	131.4GV	KT09 208-230/60	9	-	22.0	014	

Notes:

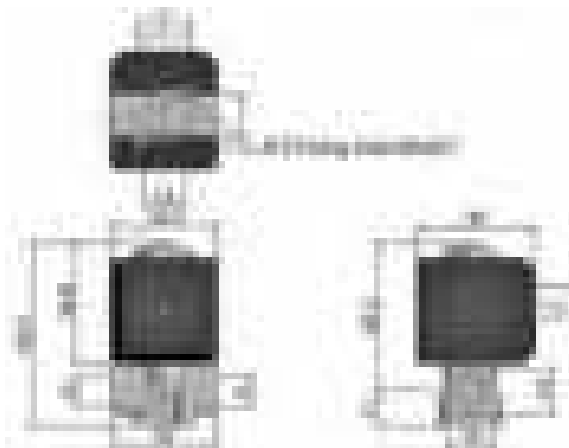
1. DIN-EN-ISO 23553-1 (2009-10) approved for oil burners
2. Ordering number is for an assembled valve and coil, with the voltage shown.



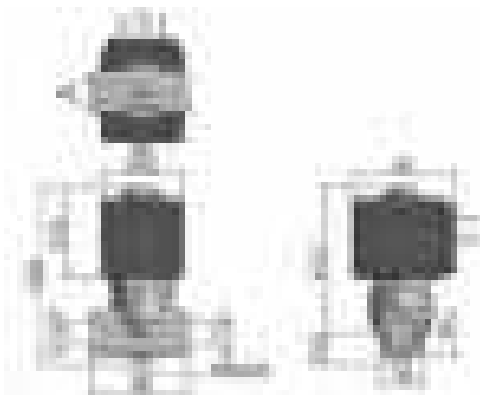
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/8"	2.5	2.9	1	-30	-10
To	1/4"	4	5.3	30	140	50



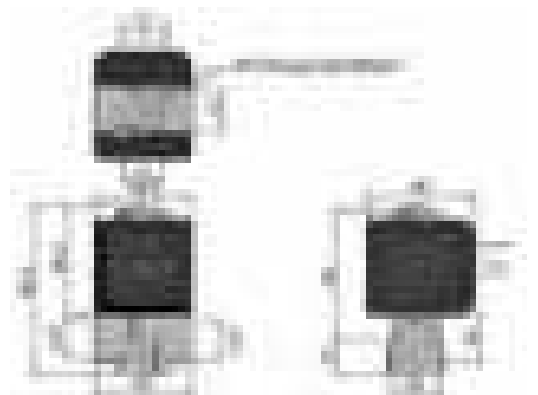
Drawing 025



Drawing 013



Drawing 026



Drawing 014

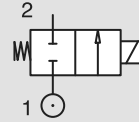
2/2

OIL BURNER VALVES
DIRECT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



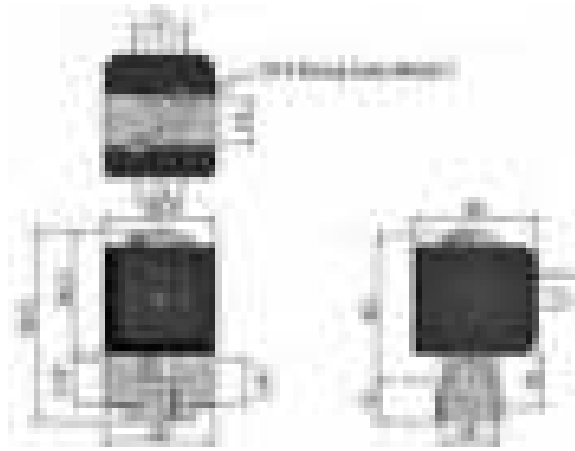
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
											Valve Order Number	Valve Type	Coil Type	AC W	DC W		
BSP	mm	Kv l/min	KV m ³ /h	Qn m ³ /h	bar	AC bar	DC bar	°C	°C								
										FKM							
1/4"	4	5.3	0.318	-	0	2	-	-10	140	FKM	390705 ₁	131.4GV	KT09 230/50	9	-	22.0	014
	4	5.3	0.318	-	0	2	-	-10	140	FKM	390650 ₁	131.4GV	KT09 24/50	9	-	22.0	014
	4	5.3	0.318	-	0	2	-	-10	140	FKM	390718 ₁	131.4GV	KT09 240/50	9	-	22.0	014
	4	5.3	0.318	-	0	-	1	-10	140	FKM	390720 ₁	131.4GV	KT10 12 DC	-	10	22.0	014
	4	5.3	0.318	-	0	-	1	-10	140	FKM	390721 ₁	131.4GV	KT10 24 DC	-	10	22.0	014
3/8"	5	10	0.612	-	0	5	-	-10	140	FKM	364010	PM153BV	ZB14	14	-	20.2/22.0	037
	5	10	0.612	-	0	-	1.5	-10	140	FKM	364010	PM153BV	ZB16	-	16	20.2/22.0	037
1/2"	5	10	0.612	-	0	5	-	-10	140	FKM	364035	PM153GV	ZB14	14	-	20.2/22.0	037
	5	10	0.612	-	0	-	1.5	-10	140	FKM	364035	PM153GV	ZB16	-	16	20.2/22.0	037

Notes:

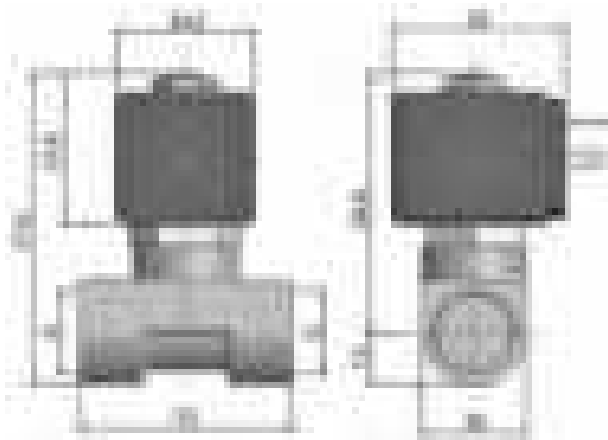
1. Ordering number is for an assembled valve and coil, with the voltage shown.



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	4	5.3	1	-10	-10
To	1/2"	5	10	5	140	50



Drawing 014



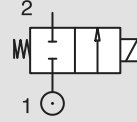
Drawing 037

2/2

OIL BURNER VALVES DIRECT OPERATED

BRASS
PIPE MOUNTING

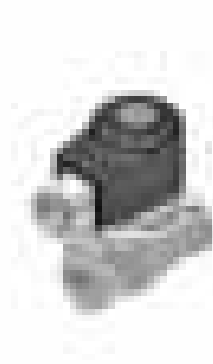
NORMALLY CLOSED



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/8"	3	4	0.24	-	0	30	-	-30	160	Ruby	121K2423 ¹³	8520.23	483824	19	-	14.1	3292
	3	4.5	0.27	-	0	30	-	-30	160	Ruby	121K6423 ¹³	8520.23	483824	19	-	14.1	3292
1/4"	4	6.5	0.39	-	0	30	-	0	160	Ruby	121K6220 ¹³	8520.23	483541	20	-	14.3	3510
	6	12	0.72	0	0	5	-	0	120	Ruby	121K3321	2995	492425	14	-	14.1	3551
3/8"	11	22	1.32	-	0	30	-	0	160	FKM	121G2320 ¹²³	8520.23	483541	20	-	14.3	3646
	14	25	1.5	-	0	30	-	0	160	FKM	121G2520 ¹²³	8520.23	483541	20	-	14.3	3646
1/2"	14	25	1.5	-	0	30	-	0	160	FKM	121G2523 ¹²³	8520.23	483824	19	-	14.1	3646

Notes:

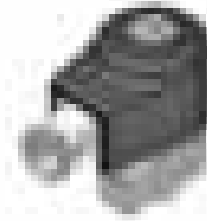
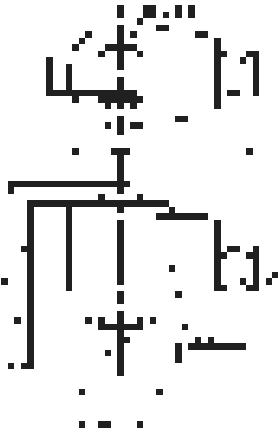
1. DIN-EN-ISO 23553-1 (2009-10) approved for oil burners
2. Max. Static pressure = 30 bar; max pressure differential = 0.2 bar
3. Valve only compatible with hydraulic oil and neutral liquids



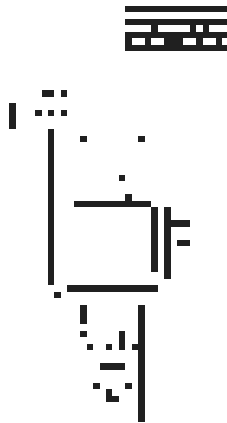
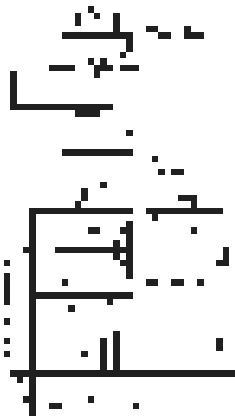
Drawing 3646



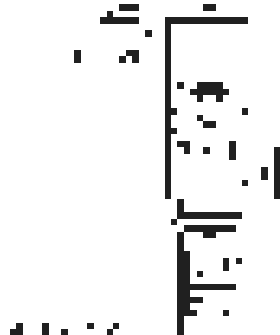
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/8"	3	4	5	-30	0
To	1/2"	14	25	30	160	60



Drawing 3292



Drawing 3510



Drawing 3551

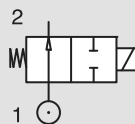
2/2

OIL BURNER VALVES
DIRECT OPERATED

BRASS

PIPE MOUNTING

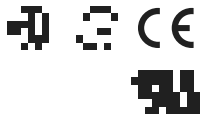
NORMALLY OPEN



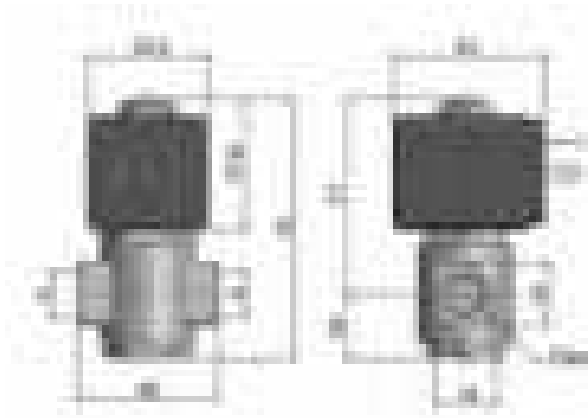
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn m³/h	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Order Number	Valve Type	Coil Type	AC W	DC W		
1/8"	3	4	0.24	-	0	30	-	-30	160	Ruby	360451J	PM120.4IR	ZB14	14	-	20.2	001
	3	4	0.24	-	0	30	-	-30	160	Ruby	360451J ₁	PM120.4IR	ZH14	14	-	20.2	001
1/4"	3	4	0.24	-	0	30	-	-30	160	Ruby	360452J	PM120.4AR	ZB14	14	-	20.2	001
	3	4	0.24	-	0	30	-	-30	160	Ruby	360452J ₁	PM120.4AR	ZH14	14	-	20.2	001

Notes:

1. DIN-EN-ISO 23553-1 (2009-10) approved for oil burners



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/8"	3	4	30	-30	-10
To	1/4"	3	4	30	160	50



Drawing 001

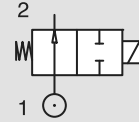
2/2

OIL BURNER VALVES DIRECT OPERATED

BRASS

PIPE MOUNTING

NORMALLY OPEN



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/8"	2.5	3.5	0.21	-	0	30	-	-30	160	Ruby	122K9321	8520.23	483824	19	-	14.1	6766
1/4"	2.5	3.5	0.21	-	0	30	-	-30	160	Ruby	122K8321	8520.23	483824	19	-	14.1	6766

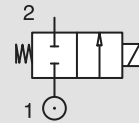
Notes:

1. DIN-EN-ISO 23553-1 (2009-10) approved for oil burners

BRASS

SUB-BASE MOUNTING

NORMALLY CLOSED



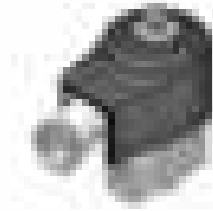
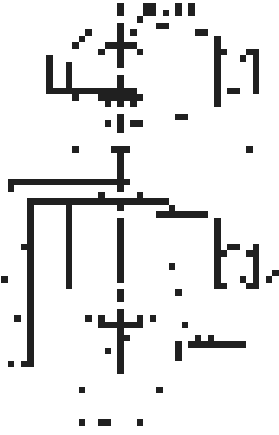
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
SB	14	25	1.5	-	0	30	-	0	160	FKM	121F2523	8520.23	483824	19	-	14.1	7638

Notes:

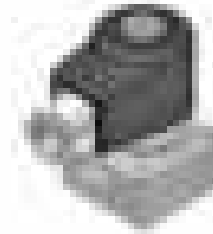
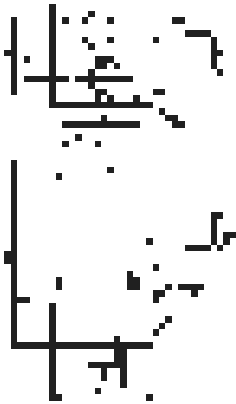
1. DIN-EN-ISO 23553-1 (2009-10) approved for oil burners



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/8"	2.5	3.5	30	-30	0
To	14 mm	14	25	30	160	60



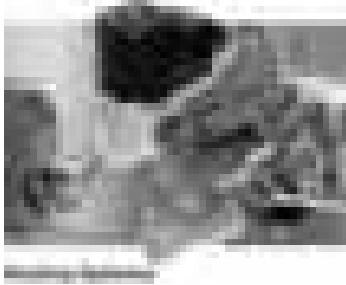
Drawing 6766



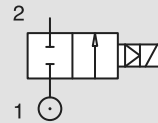
Drawing 7638

2/2

OIL BURNER VALVES MAGNALIFT



BRASS PIPE MOUNTING NORMALLY CLOSED



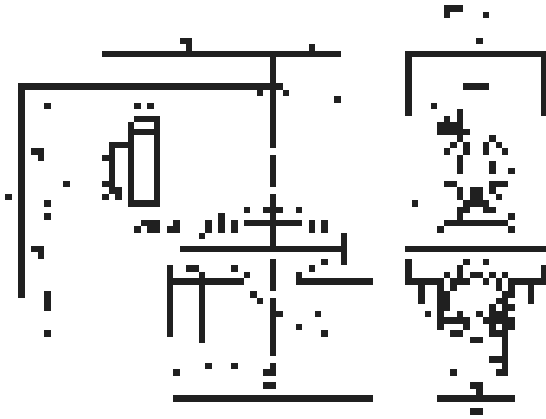
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/2"	15	50	3	0	0	5	-	0	140	FKM	221 G2523 ₁	8520.25	483824	19	-	14.1	8298

Notes:

1. DIN-EN-ISO 23553-1 (2009-10) approved for oil burners



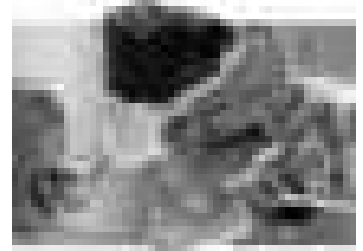
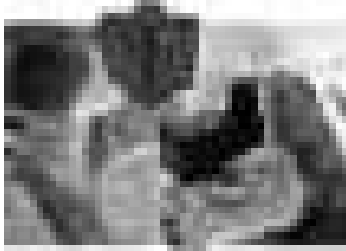
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/2"	15	50	5	0	0
To	1/2"	15	50	5	140	60



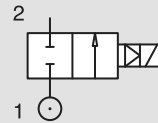
Drawing 8298

2/2

OIL BURNER VALVES PILOT OPERATED



BRASS PIPE MOUNTING NORMALLY CLOSED



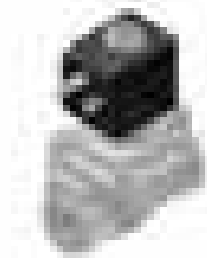
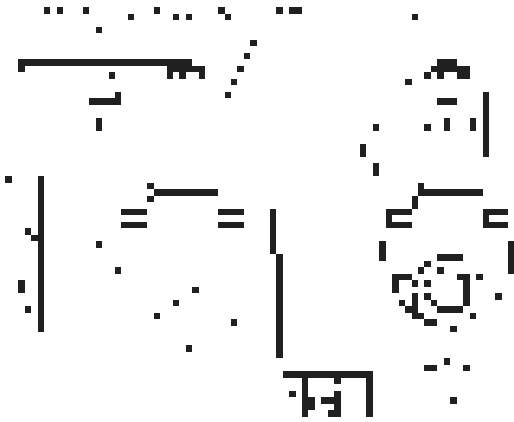
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/4"	8	36	2.16	-	0.3	40	25	-10	100	FKM	E321H21 ²³⁴	2995	481865	8	9	2.0	3523
	8	36	2.16	-	0.3	40	30	-10	120	FKM	E321H21 ²³⁴	4270	481000	8	8	2.0	3523
	8	36	2.16	-	0.3	40	40	-10	140	FKM	E321H21 ²³⁴	4270	486265	14	14	2.0	3523
3/8"	11	40	2.4	-	0.3	30	-	0	160	Ruby	321H2322 ¹²⁴	8520.23	483541	20	-	14.3	3633
	11	50	3	-	0.3	40	25	-10	100	FKM	E321H23 ²³⁴	2995	481865	8	9	2.0	3521
	11	50	3	-	0.3	40	30	-10	120	FKM	E321H23 ²³⁴	4270	481000	8	8	2.0	3521
	11	50	3	-	0.3	40	40	-10	140	FKM	E321H23 ²³⁴	4270	486265	14	14	2.0	3521

Notes:

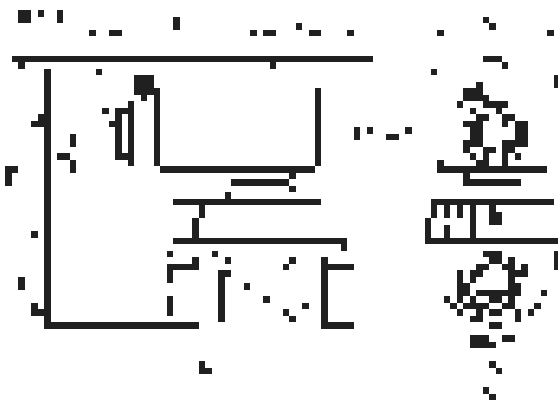
1. DIN-EN-ISO 23553-1 (2009-10) approved for oil burners
2. Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
3. Pilot seat disc in synthetic Ruby
4. Valve only compatible with hydraulic oil and neutral liquids



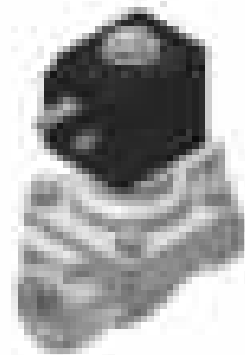
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/4"	8	36	25	-10	-10
To	3/8"	11	50	40	160	50



Drawing 3523



Drawing 3633



Drawing 3521

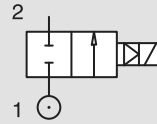
2/2

OIL BURNER VALVES
PILOT OPERATED

BRASS

PIPE MOUNTING

NORMALLY CLOSED



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
1/2"	15	60	3.6	-	0.3	30	-	0	160	Ruby	321H2522 ¹⁴	8520.23	483541	20	-	14.3	3633
	15	60	3.6	-	0.3	30	-	0	160	Ruby	321H2523 ¹⁴	8520.23	483824	19	-	14.1	3633
	15	60	3.6	-	0.3	40	25	-10	100	FKM	E321H25 ²³⁴	2995	481865	8	9	2.0/14.2	3522
	15	60	3.6	-	0.3	40	30	-10	120	FKM	E321H25 ²³⁴	-	483371	8	8	2.0/14.2	3522
	15	60	3.6	-	0.3	40	40	-10	140	FKM	E321H25 ²³⁴	4270	486265	14	14	2.0/14.2	3522

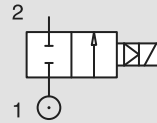
Notes:

- DIN-EN-ISO 23553-1 (2009-10) approved for oil burners
- Minimum pressure differential = 0.3 bar for opening and 0 bar for closing
- Pilot seat disc in synthetic Ruby
- Valve only compatible with hydraulic oil and neutral liquids

BRASS

SUB-BASE MOUNTING

NORMALLY CLOSED



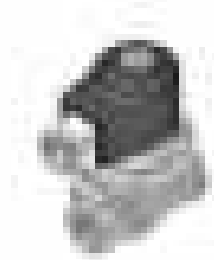
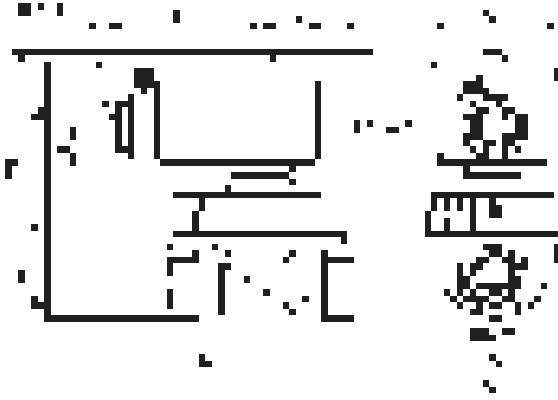
Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
SB	14	45	2.7	-	0	30	-	0	160	FKM	321F2523 ¹²	8520.23	483824	19	-	14.1	7639

Notes:

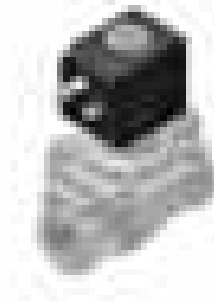
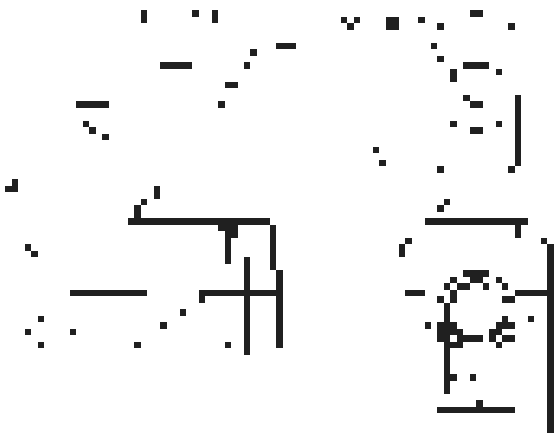
- DIN-EN-ISO 23553-1 (2009-10) approved for oil burners
- Minimum pressure differential = 0.3 bar for opening and 0 bar for closing



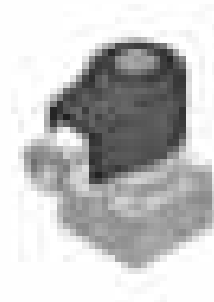
For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	1/2"	14	45	25	-10	-10
To	14 mm	15	60	40	160	50



Drawing 3633



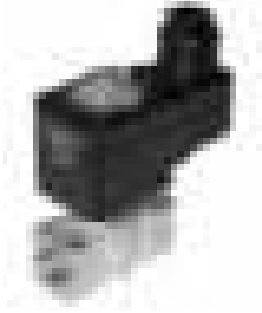
Drawing 3522



Drawing 7639

2 WAY VALVES

FAST SWITCHING VALVES



Air

2/2

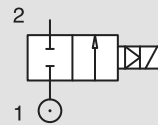
Actuation	Body	Function	Port Size	Orifice (mm)	Flow Factor Kv(l/min)	MOPD (bar)	Max Fluid Temp. (°C)	Page Parker Valves	Page Parker LUCIFER® Valves
Magnalift	Brass/Pipe mounting	Normally Closed	3/8"	8	0	7	40	-	198

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FAST SWITCHING VALVES MAGNALIFT



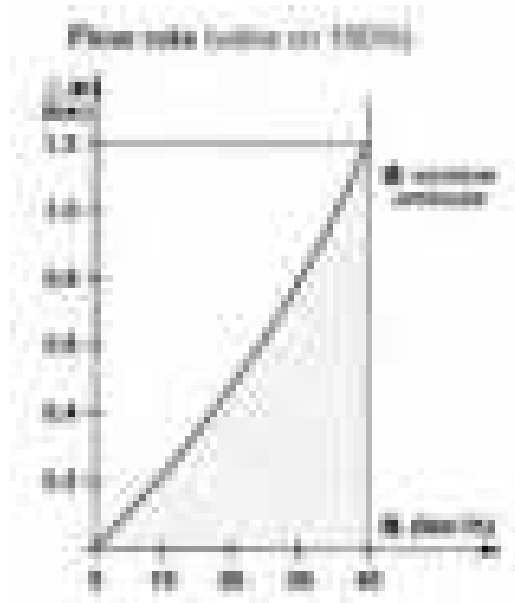
BRASS
PIPE MOUNTING
NORMALLY CLOSED



Port size	Orifice Ø	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Parker LUCIFER® Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD) AC bar	DC bar	Min °C	Max °C		Valve Ref.	Housing Ref.	Coil Ref.	AC W	DC W		
BSP	mm																
3/8"	8	-	-	-	0	-	7	0	40	PUR	221J3301E ¹	2995.6	483816	-	14		8020

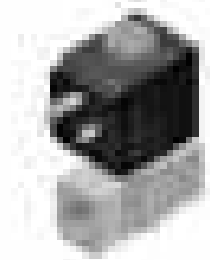
Notes:

1. For more details, please consult catalogue 8674UK



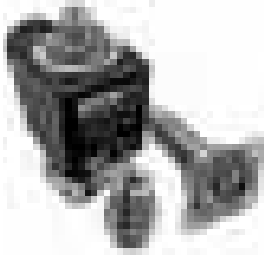


For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	3/8"	8	-	7	0	0
To	3/8"	8	-	7	40	50



Drawing 8020

2 WAY VALVES



VALVES FOR BEVERAGE DISPENSING - LIQUIPURE®



Steam



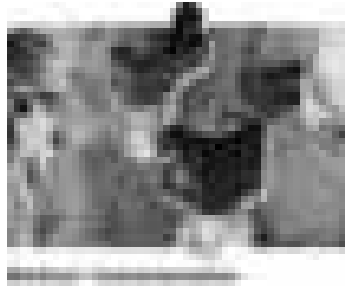
Water

2/2

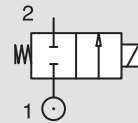
Actuation	Body	Function	Port Size	Orifice (mm)	Flow Factor Kv(l/min)	MOPD (bar)	Max Fluid Temp. (°C)	Page Parker Valves
Direct Operated	Stainless St./Sub-base mounting	Normally Closed	SB	1.5 to 3	4.2	20	-	202

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VALVES FOR BEVERAGE DISPENSING - LIQUIPURE® DIRECT OPERATED



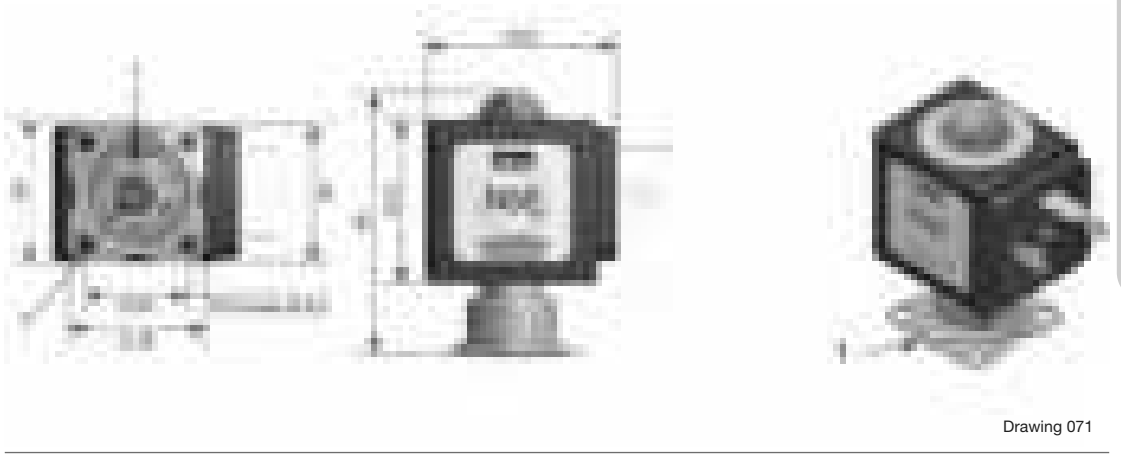
STAINLESS ST. SUB-BASE MOUNTING NORMALLY CLOSED



Port size	Orifice Ø mm	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Valve Ref.	Parker Valves			Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD)		Min °C	Max °C			Housing Ref.	Coil Ref.	AC W	DC W			
						AC bar	DC bar											
SB	1.5	1.3	0.08	-	0	20	20	-10	140	Ruby	2019F1GRG7	-	D4	13	16	24.0	071	
	1.5	1.3	0.08	-	0	20	20	-10	140	Ruby	2019F1GRG7	-	D5	8	9	24.0	071	
	1.5	1.3	0.08	-	0	20	20	-10	140	Ruby	2019F1GRG7	-	LA	9	9	24.0	071	
	1.5	1.3	0.08	-	0	20	20	-10	140	Ruby	2019F1GRG7	-	LB-LC	13	16	24.0	071	
	1.5	1.3	0.08	-	0	20	-	-10	140	Ruby	2019F1GRG7	-	XS03	9	-	24.0	071	
	1.5	1.3	0.08	-	0	20	20	-10	140	FDA FKM	2019F1GVG7	-	D4	13	16	24.0	071	
	1.5	1.3	0.08	-	0	20	20	-10	140	FDA FKM	2019F1GVG7	-	D5	8	9	24.0	071	
	1.5	1.3	0.08	-	0	20	20	-10	140	FDA FKM	2019F1GVG7	-	LA	9	9	24.0	071	
	1.5	1.3	0.08	-	0	20	20	-10	140	FDA FKM	2019F1GVG7	-	LB-LC	13	16	24.0	071	
	1.5	1.3	0.08	-	0	20	-	-10	140	FDA FKM	2019F1GVG7	-	XS03	9	-	24.0	071	
	2	2.3	0.14	-	0	15	15	-10	140	Ruby	2019F1JRG7	-	D4	13	16	24.0	071	
	2	2.3	0.14	-	0	15	15	-10	140	Ruby	2019F1JRG7	-	D5	8	9	24.0	071	
	2	2.3	0.14	-	0	15	15	-10	140	Ruby	2019F1JRG7	-	LA	9	9	24.0	071	
	2	2.3	0.14	-	0	15	15	-10	140	Ruby	2019F1JRG7	-	LB-LC	13	16	24.0	071	
	2	2.3	0.14	-	0	15	-	-10	140	Ruby	2019F1JRG7	-	XS03	9	-	24.0	071	
	2	2.3	0.14	-	0	15	15	-10	140	FDA FKM	2019F1JVG7	-	D4	13	16	24.0	071	
	2	2.3	0.14	-	0	15	15	-10	140	FDA FKM	2019F1JVG7	-	D5	8	9	24.0	071	
	2	2.3	0.14	-	0	15	15	-10	140	FDA FKM	2019F1JVG7	-	LA	9	9	24.0	071	
	2	2.3	0.14	-	0	15	15	-10	140	FDA FKM	2019F1JVG7	-	LB-LC	13	16	24.0	071	
	2	2.3	0.14	-	0	15	-	-10	140	FDA FKM	2019F1JVG7	-	XS03	9	-	24.0	071	
2.5	3.2	0.19	-	0	10	10	-10	140	Ruby	2019F1LRG7	-	D4	13	16	24.0	071		
2.5	3.2	0.19	-	0	10	10	-10	140	Ruby	2019F1LRG7	-	D5	8	9	24.0	071		
2.5	3.2	0.19	-	0	10	10	-10	140	Ruby	2019F1LRG7	-	LA	9	9	24.0	071		
2.5	3.2	0.19	-	0	10	10	-10	140	Ruby	2019F1LRG7	-	LB-LC	13	16	24.0	071		



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	SB	1.5	1.3	10	-10	-10
To	SB	2.5	3.2	20	140	50



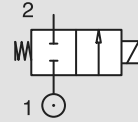
Drawing 071

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VALVES FOR BEVERAGE DISPENSING - LIQUIPURE® DIRECT OPERATED

STAINLESS ST.
SUB-BASE MOUNTING

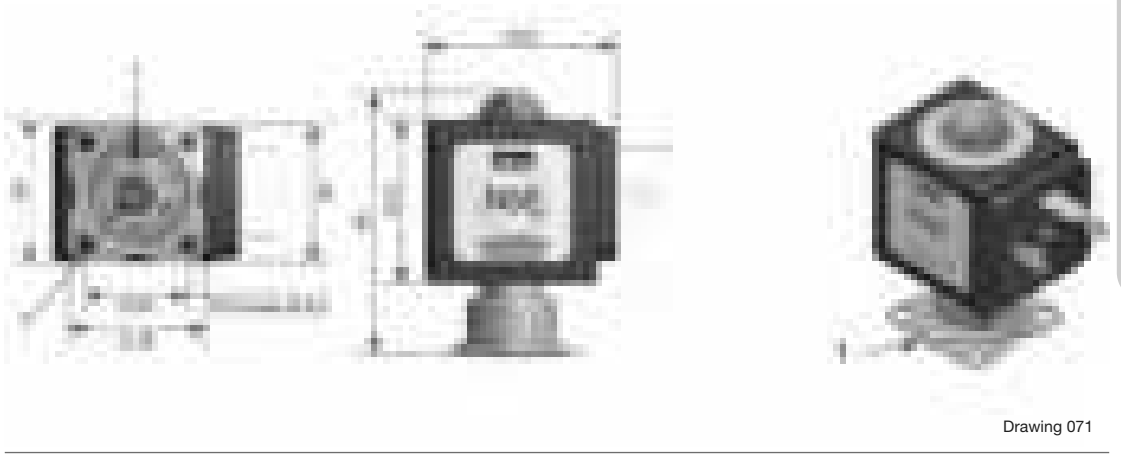
NORMALLY CLOSED



Port size	Orifice Ø mm	Flow factors			Operating Pressure Differential			Fluid Temp.		Seat Seal	Valve Ref.	Parker Valves		Power		Coil Group	Dwg. No.
		Kv l/min	KV m³/h	Qn l/min	Min bar	Max(MOPD)		Min °C	Max °C			Housing Ref.	Coil Ref.	AC W	DC W		
						AC bar	DC bar										
SB	2.5	3.2	0.19	-	0	10	-	-10	140	Ruby	2019F1LRG7	-	XS03	9	-	24.0	071
	2.5	3.2	0.19	-	0	10	10	-10	140	FDA FKM	2019F1LVG7	-	D4	13	16	24.0	071
	2.5	3.2	0.19	-	0	10	10	-10	140	FDA FKM	2019F1LVG7	-	D5	8	9	24.0	071
	2.5	3.2	0.19	-	0	10	10	-10	140	FDA FKM	2019F1LVG7	-	LA	9	9	24.0	071
	2.5	3.2	0.19	-	0	10	10	-10	140	FDA FKM	2019F1LVG7	-	LB-LC	13	16	24.0	071
	2.5	3.2	0.19	-	0	10	-	-10	140	FDA FKM	2019F1LVG7	-	XS03	9	-	24.0	071
	3	4.2	0.25	-	0	7	7	-10	140	Ruby	2019F1NRG7	-	D4	13	16	24.0	071
	3	4.2	0.25	-	0	7	7	-10	140	Ruby	2019F1NRG7	-	D5	8	9	24.0	071
	3	4.2	0.25	-	0	7	7	-10	140	Ruby	2019F1NRG7	-	LA	9	9	24.0	071
	3	4.2	0.25	-	0	7	7	-10	140	Ruby	2019F1NRG7	-	LB-LC	13	16	24.0	071
	3	4.2	0.25	-	0	7	-	-10	140	Ruby	2019F1NRG7	-	XS03	9	-	24.0	071
	3	4.2	0.25	-	0	7	7	-10	140	FDA FKM	2019F1NVG7	-	D4	13	16	24.0	071
	3	4.2	0.25	-	0	7	7	-10	140	FDA FKM	2019F1NVG7	-	D5	8	9	24.0	071
	3	4.2	0.25	-	0	7	7	-10	140	FDA FKM	2019F1NVG7	-	LA	9	9	24.0	071
	3	4.2	0.25	-	0	7	7	-10	140	FDA FKM	2019F1NVG7	-	LB-LC	13	16	24.0	071
	3	4.2	0.25	-	0	7	-	-10	140	FDA FKM	2019F1NVG7	-	XS03	9	-	24.0	071



For this page	Port size	Orifice (mm)	Kv (l/min)	MOPD (bar)	Fluid Temp (°C)	Amb Temp (°C)
From	SB	2.5	3.2	7	-10	-10
To	SB	3	4.2	10	140	50



Drawing 071