

2-way valves

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Applications



AIR



WATER



OIL



STEAM



CORROSION
RESISTANT



OIL BURNER

General application valves for dry or lubricated air, neutral gases and liquids

2/2

ACTUATION	BODY MATERIAL	FUNCTION	CONNECTION	ORIFICE (MM)	MAX. PRESSURE (BAR)	PAGE
Direct operated	Brass body	Normally closed	1/8	1.5 to 3	70.0	8
			1/4	1.2 to 5	100.0	8
			3/8	4 to 6	10.0	12
			1/2	8.5 to 11	4.0	12
			SB	1.5 to 3	100.0	14
		Normally open	1/8	2.5	30.0	12
			1/4	1.5 to 2.5	40.0	12
		Magnetic latch control	1/4	3 to 5	20.0	12
Magnalift	Brass body	Normally closed	3/8	15	20.0	16
			1/2	15	20.0	16
			3/4	15	20.0	16
			1	15 to 25	20.0	18
		Normally open	3/8	15	8.5	20
			1/2	15	8.5	20
			3/4	19	8.5	20
	303 Stainless steel body	Normally closed	3/8	15	7.0	20
			1/2	15	7.0	20
			3/4	19	7.0	20
		Normally open	3/8	16	8.5	20
			1/2	16	8.5	20
Pilot operated	Brass body	Normally closed	1/4	8 to 12	40.0	22
			3/8	11 to 12	40.0	22
			1/2	12 to 14.5	40.0	22
			3/4	18 to 20	16.0	24
			1	18 to 25	16.0	24
			1 1/4	28	16.0	26
			1 1/2	40	16.0	26
			2	40	16.0	28
			SB	14	40.0	34
		Normally open	1/4	8 to 12	40.0	30
			3/8	11 to 12	40.0	32
			1/2	12 to 14.5	40.0	32
			3/4	18 to 20	16.0	32
			1	18 to 25	16.0	32
			1 1/4	28	16.0	32
			1 1/2	40	12.0	32
			2	40	12.0	32
			SB	14	40.0	34
		Magnetic latch control	1/4	12	12.0	34
			3/8	12	12.0	34
			1/2	12	12.0	34
			3/4	18	12.0	34
			1	18	12.0	34

Notes:

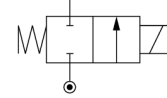
Direct operated and magnalift valves: pressure range from 0 to max pressure.

Pilot operated valves: pressure range from 0.3 to 0.5 bar to max. pressure (refer to tables).

General application valves 2/2 - Direct operated

Port size	Orifice (mm)	Flow factors (L/min)			Admissible differential pressure bar			Fluid temp. °C			Seat disc	Reference numbers				Power consumption (W)	Wt. (g)	El. Part Group *	Dim ref.
		Liquids kv	Qmax	Gases Qn	Min	Max		Gas	Liquid	Oil		Global valve reference	Valve reference no.	Housing	Coil	DC	AC		

Normally closed



Brass body/Pipe mounting

1/4	1.5	1.5	12.5	80	0	25	60	75	75	75	PCTFE	7121KBG2GF00	E121K04	2995	481865	9	8	290	2	3
	1.5	1.5	12.5	80	0	30	70	75	75	75	PCTFE			4270	481000	8	8	410	2	
	1.5	1.5	12.5	80	0	55	70	75	75	75	PCTFE			4270	486265	14	14	420		
	1.5	1.5	15	80	0	25	60	100	100	100	Ruby	7121KBG2GR00	E121K67	2995	481865	9	8	290		3
	1.5	1.5	15	80	0	30	75	130	130	130	Ruby			4270	481000	8	8	410		
	1.5	1.5	15	80	0	55	100	120	120	120	Ruby			4270	486265	14	14	420		
	2.5	3.5	8.5	220	0	7	14	100	100	100	FKM	7121KBG2LV00	121K0706	2995	481865	9	8	290	2	3
	2.5	3.5	8.5	220	0	9	14	120	120	120	FKM			4270	481000	8	8	410	2	
	2.5	3.5	8.5	220	0	14	14	120	120	120	FKM			4270	486265	14	14	420		
	2.5	3.5	8.5	220	0	7	14	100	100	100	FKM	7121KBG2LVM0	121K0756 1	2995	481865	9	8	290	2	3
	2.5	3.5	8.5	220	0	9	14	120	120	120	FKM			4270	481000	8	8	410	2	
	2.5	3.5	8.5	220	0	14	14	120	120	120	FKM			4270	486265	14	14	420		
	2.5	3.5	25	220	0	10	28	75	75	75	PCTFE	7121KBG2LF00	E121K07	2995	481865	9	8	290	2	3
	2.5	3.5	25	220	0	12	34	75	75	75	PCTFE			4270	481000	8	8	410	2	
	2.5	3.5	25	220	0	22	50	75	75	75	PCTFE			4270	486265	14	14	420		
	2.5	3.5	25	220	0	10	28	100	100	100	Ruby	7121KBG2LR00	E121K63	2995	481865	9	8	290		3
	2.5	3.5	25	220	0	12	34	130	130	130	Ruby			4270	481000	8	8	410		
	2.5	3.5	25	220	0	22	50	120	120	120	Ruby			4270	486265	14	14	420		
	3	4.5	9	315	0	7	10	100	100	100	FKM	7121KBG2NV00	E121K0302	2995	481865	9	8	290	2	3
	3	4.5	9	315	0	8.5	10	120	120	120	FKM			4270	481000	8	8	410	2	
	3	4.5	9	315	0	10	10	120	120	120	FKM			4270	486265	14	14	420		
	3	4.5	9	315	0	7	10	100	100	100	FKM	7121KBG2NVM0	E121K0352 1	2995	481865	9	8	290	2	3
	3	4.5	9	315	0	8.5	10	120	120	120	FKM			4270	481000	8	8	410	2	
	3	4.5	9	315	0	10	10	120	120	120	FKM			4270	486265	14	14	420		
	3	4.5	27	315	0	7	20	75	75	75	PCTFE	7121KBG2NF00	E121K03	2995	481865	9	8	290	2	3
	3	4.5	27	315	0	8.5	25	75	75	75	PCTFE			4270	481000	8	8	410	2	
	3	4.5	27	315	0	15	36	75	75	75	PCTFE			4270	486265	14	14	420		
	3	4.5	27	320	0	7	20	100	100	100	Ruby	7121KBG2NR00	E121K64	2995	481865	9	8	290		3
	3	4.5	27	320	0	8.5	25	130	130	130	Ruby			4270	481000	8	8	410		
	3	4.5	27	320	0	15	36	120	120	120	Ruby			4270	486265	14	14	420		
	4	7.5	10.5	480	0	4	10	100	100	100	FKM	7121KBG2QVM0	121K0250 1	2995	481865	9	8	290	2	3
	4	7.5	10.5	480	0	5	10	120	120	120	FKM			4270	481000	8	8	410	2	
	4	7.5	10.5	480	0	10	10	120	120	120	FKM			4270	486265	14	14	420		
	4	7.5	10.5	480	0	4	10	100	100	100	FKM	7121KBG2QV00	121K02	2995	481865	9	8	290	2	3
	4	7.5	10.5	480	0	5	10	120	120	120	FKM			4270	481000	8	8	410	2	
	4	7.5	10.5	480	0	10	10	120	120	120	FKM			4270	486265	14	14	420		
	5	11	11.5	750	0	2	7	100	100	100	FKM	7121KBG2SVM0	121K0150 1	2995	481865	9	8	290	2	3
	5	11	11.5	750	0	2.8	7	120	120	120	FKM			4270	481000	8	8	410	2	
	5	11	11.5	750	0	5	7	120	120	120	FKM			4270	486265	14	14	420		

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Notes:

* See Electrical Parts Group table at end of section

1. Manual override standard