

Solenoid valves for actuator control

3/2

Applications

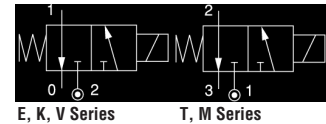
3-way directional valves for control of single acting pneumatic actuators.



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

Brass body/Pipe mounting

Direct operated



1/8	1.2	50	0	10	10	-10	75	FKM	-	131M15	8993	488980	2.5	2	150	1	14
	(1.5)	(70)	0	10	10	-10	75	FKM	-	8993	488980	2.5	2	150	1	14	
	1.5	70	0	7	7	-10	75	FKM	-	131M14	8993	488980	2.5	2	150	1	14
1/4	1	38	0	10	-	-10	75	FKM	7131KBG2CV90	131K0490	-	483580.01 ¹	0.4	-	285	7	77
	1.5	80	0	7	-	-10	75	FKM	7131KBG2GVL5	131K0480	2995	482740	1.6	-	310	6	17
	1.5	80	0	15	15	-10	100	FKM	7131KBG2GVM0	E131K0450 ²	2995	481865	9	8	310	2	17
	1.5	80	0	15	15	-10	120	FKM			4270	481000	8	8	430	2	
	1.5	80	0	15	15	-10	100	FKM	7131KBG2GV00	E131K04	2995	481865	9	8	310	2	17
	1.5	80	0	15	15	-10	120	FKM			4270	481000	8	8	430	2	
	2	140	0	10	10	-10	100	FKM	7131KBG2JVM0	E131K0650 ²	2995	481865	9	8	310	2	17
	(2.5)	(220)	0	10	10	-10	100	FKM			2995	481865	9	8	310	2	
	2	140	0	10	10	-10	120	FKM			4270	481000	8	8	430	2	
	(2.5)	(220)	0	10	10	-10	120	FKM			4270	481000	8	8	430	2	
2	140	0	10	10	-10	100	FKM	7131KBG2JV00	E131K06	2995	481865	9	8	310	2	17	
(2.5)	(220)	0	10	10	-10	100	FKM			2995	481865	9	8	310	2		
2	140	0	10	10	-10	120	FKM			4270	481000	8	8	430	2		
(2.5)	(220)	0	10	10	-10	120	FKM			4270	481000	8	8	430	2		

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Notes:

- * See Electrical Parts Group table at end of section
 - 1. Other coil-housing available: 488650.01, 488660.01, 488670.01 (refer to electrical parts at end of this section)
 - 2. Manual override standard
- Values shown within brackets are valid for exhaust port only.