

4/2 Way Pilot Operated Poppet Type Solenoid Valves.

DATA SHEET
9442B

2 POSITION DUAL SOLENOID VALVES,
4 WAY / 4 PORT (COMMON EXHAUST) / 2 POSITION.

SPECIFICATIONS

Sizes	: 6mm (1/4") to 25mm (1").
End Connections	: Standard-NPT, Optional - BSP.
Construction	: Investment Casted CF8 / CF8M.
Body & Piston	
-Seat	: Standard - Viton.
Differential Pressure	: From 0.7 to 9 bar (9442B). From 2 to 19 bar (9442D).
Temperature of Fluid	: 5° to 80°C
Coil Voltage	: Standard-230-volts, 50Hz. AC. Optional - 24,110, 240 V DC & AC 50Hz or 60Hz. Standard coils SQ-GP/H With DIN ISO 4400- With 3 Pin Connection PG-11 for Cable entry.
Coil Insulation and Temperature.	: Ambient upto 75°C. Class 'H' insulated upto155°C, intermittent 180°C.
Coil Rating	: Continuously rated.
Enclosure	: Standard-General purpose IP-20, Optional-Weatherproof IP-67 Flameproof Round coil upto FLP-IIC.
Fluids	: Air, gas, water, light oil.
Standard Features	: Manual override.
Sales Point	: Heavy duty, high flow , reliable, semi-poppet valve for multimillion operations. Rugged construction design Investment Casted CF8/CF8M with Viton Seat.



Application	: For Operating Double Acting cylinders, forging and moulding processes, machine tools, power generation, ash handling plant, LPG bottling equipment and others.
NOTE	: USE OF FILTER IN THE INLET SIDE IS HIGHLY RECOMMENDED. AVAILABLE WITH SPECIAL WP & FLP COILS.

SPECIFICATION TABLE 4/2 POSITION SINGLE SOLENOID

Catalogue Number	Pipe Size	Orifice Size	Flow Factor Kv	Minimum Pressure	Maximum Operating Pressure (bar)						BTP	Material		Constr. Ref.	VA Rating	Watt Rating	Coil	Housing
	Inch	mm	M³/hr.		bar	AC			DC						AC	AC	Type	
						Air/Gas	Water	Light Oil	Air/Gas	Water		Light Oil	bar		Body	Seat		
9442B06	1/4	6.3	0.7	0.7	17	14	9	9	9	7	40	CF8M	Viton	500	18	12	M45.1	SQ
9442B10	3/8	12.7	1.9	0.7	17	14	9	9	9	7	40	CF8M	Viton	500	18	12	M45.1	SQ
9442B15	1/2	12.7	1.9	0.7	17	14	9	9	9	7	40	CF8M	Viton	500	18	12	M45.1	SQ
9442B20	3/4	19	4.8	0.7	17	14	9	9	9	7	40	CF8M	Viton	500	18	12	M45.1	SQ
9442B25	1	19	4.8	0.7	17	14	9	9	9	7	40	CF8M	Viton	500	18	12	M45.1	SQ

◆ Above pressure range can be improved higher wattage coil.

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9442B07	1/4	6.3	0.7	2	19	24	24	9	9	7	40	CF8	Viton	501	34	20	M50	SQ
9442B11	3/8	12.7	1.9	2	19	24	24	9	9	7	40	CF8	Viton	501	34	20	M50	SQ
9442B16	1/2	12.7	1.9	2	19	20	14	9	9	7	40	CF8	Viton	501	34	20	M50	SQ
9442B21	3/4	19	4.8	2	19	20	14	9	9	7	40	CF8	Viton	501	34	20	M50	SQ
9442B26	1	19	4.8	2	19	20	14	9	9	7	40	CF8	Viton	501	34	20	M50	SQ