

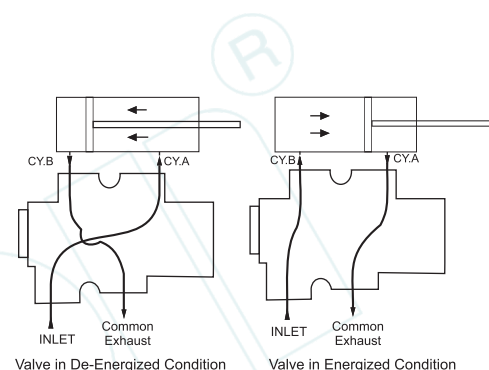
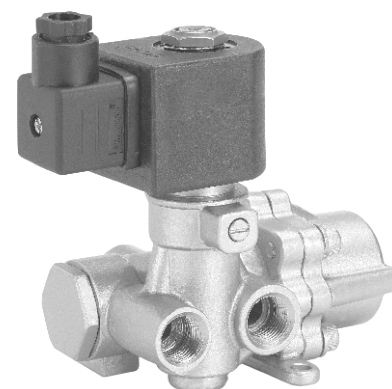
4/2 Way Pilot Operated Poppet Type Solenoid Valves.

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

DATA SHEET
9440E- CF8/CF8M

SPECIFICATIONS

Sizes	: 1/4" (6 mm) & 1" (25 mm).
End Connections	: Standard-G-ISO-228(BSP-F), Optional-NPT.
Body & Piston	: Investment Casted CF8 / CF8M.
Body Test Pressure	: 40 Bar.
Max.Wkg.Pressure	: 9 Bar & 19 Bar (Refer table below).
Seat Material	: Std. : Buna Nitrile, Optional - Viton.
Core Tube Nut	: St.St.304/St.St.316.
Plunger/Stopper	: St.St.430FR.
Spring	: St.St.302.
Shading Ring	: Copper.
Temp.(ambient)	: 42Deg.C
Max.Wkg.Temp.	: (-)5 to 80Deg.C.
Voltage (AC)	: 230, 110, 48, 24 V - 50/60 Hz
(DC)	: 24, 110, 240 V
Enclosures	: General Purpose (IP20), Weatherproof - RD-WP-67, Flameproof-RD-FLP-IIC+WP67.
Approvals	: KLPL/PESO/CE/ATEX/BIS.
Differential Pr.	: From 0.7 to 9 bar (9440E06-25) & from 2 to 19 bar (9440E07-26).
Coil Insulation	: Class 'H' upto 155Deg.C.
Fluids	: Air, Gas, Light Oil.
Manual Override	: Standard.
Mounting Bracket	: Not Applicable.
Sales Point	: Heavy duty, high flow, reliable, semi-poppet valve for multi-million operations. Rugged construction, design Investment Casted CF8/CF8M with BN seat.
Application	: For operating Double Acting Cylinders, forging and moulding processes, machine tools, power generation, Ash handling plant, LPG bottling equipment and others.
Mounting	: In horizontal pipeline, keeping solenoid upright and vertical.
Note	: 1) Use of Filter in the inlet size is highly recommended. 2) Not suitable for back pressure from outlet side. 3) Available with special Weatherproof and Flameproof coils.



SPECIFICATION TABLE

4/2 POSITION SINGLE SOLENOID (Low Pressure 10 bar)

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	M ³ /hr.		bar	AC		DC					AC	AC	Type	
				Air/Gas		Light Oil	Air/Gas	Light Oil	bar	Body	Seat					
9440E06	1/4	6.3	0.7	0.7	9	6	9	6	40	CF8	BN	30.1	18	12	M45.1	SQ
9440E10	3/8	12.7	1.9	0.7	9	6	9	6	40	CF8	BN	30.1	18	12	M45.1	SQ
9440E15	1/2	12.7	1.9	0.7	9	6	9	6	40	CF8	BN	30.1	18	12	M45.1	SQ
9440E20	3/4	19	4.8	0.7	9	6	9	6	40	CF8	BN	30.1	18	12	M45.1	SQ
9440E25	1	19	4.8	0.7	9	6	9	6	40	CF8	BN	30.1	18	12	M45.1	SQ

◆ Above pressure range can be improved with higher wattage coil.

4/2 POSITION SINGLE SOLENOID (High Pressure 19 bar)

9440E07	1/4	6.3	0.7	2	19	15	9	19	15	9	40	CF8	BN	31.2	36	22	M50	SQ
9440E11	3/8	12.7	1.9	2	19	15	9	19	15	9	40	CF8	BN	31.2	36	22	M50	SQ
9440E16	1/2	12.7	1.9	2	19	15	9	19	15	9	40	CF8	BN	31.2	36	22	M50	SQ
9440E21	3/4	19	4.8	2	19	15	9	19	15	9	40	CF8	BN	31.2	36	22	M50	SQ
9440E26	1	19	4.8	2	19	15	9	19	15	9	40	CF8	BN	31.2	36	22	M50	SQ

