

# 2/2-Way Pilot Operated, Diaphragm Type Solenoid Valves.

DATA SHEET  
9170F

Normally Closed, Energised To Open,  
Light-duty

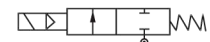
## SPECIFICATIONS

Sizes	: 6mm (1/4") to 25mm (1").
End Connections	: Standard-BSP Optional -NPT.
Construction-Body	: Upto 25mm (1") SS ASTM A351 Gr. CF8. Optional-SS ASTM A351 Gr. CF8M.
Diaphragm Seat	: Standard - Hytrel. Optional - Neoprene, Nitrile (Buna 'N') Viton and other.
Differential Pressure	: 0.1 to 6 bar.
Temperature of Fluid	: -5° to 80°C.
Coil Voltage	: Standard-230-volts, 50Hz. AC. Optional - 24,110, 240 V DC & AC 50Hz or 60Hz.
Coil Insulation and Temperature.	: Ambient upto 42°C. Class 'H' insulated upto 155°C. Class 'C' insulated upto 180°C.
Coil Rating Enclosure	: Continuously rated. Standard-General purpose IP-20, SQ. moulded coil upto IP-20, Optional- Weatherproof, SQ. moulded coil upto IP-67.
Fluids	: Air, gas, water, light oil, etc.
Standard Features	: Mounting bracket.



Sales Point	: Most reliable, maintenance free, on-off valve in our range .
Application	: Chemical, textile, cement machinery, combustion equipments, air dryer, cleaning equipment and others. Not suitable for steam duty.
Note	: 1) USE OF FILTER IN THE INLET SIDE IS HIGHLY RECOMMENDED 2) NOT AVAILABLE IN FLP DESIGN. 3) NOT SUITABLE FOR STEAM DUTY & HOT WATER.

## SPECIFICATION TABLE 2/2 WAY NORMALLY CLOSED

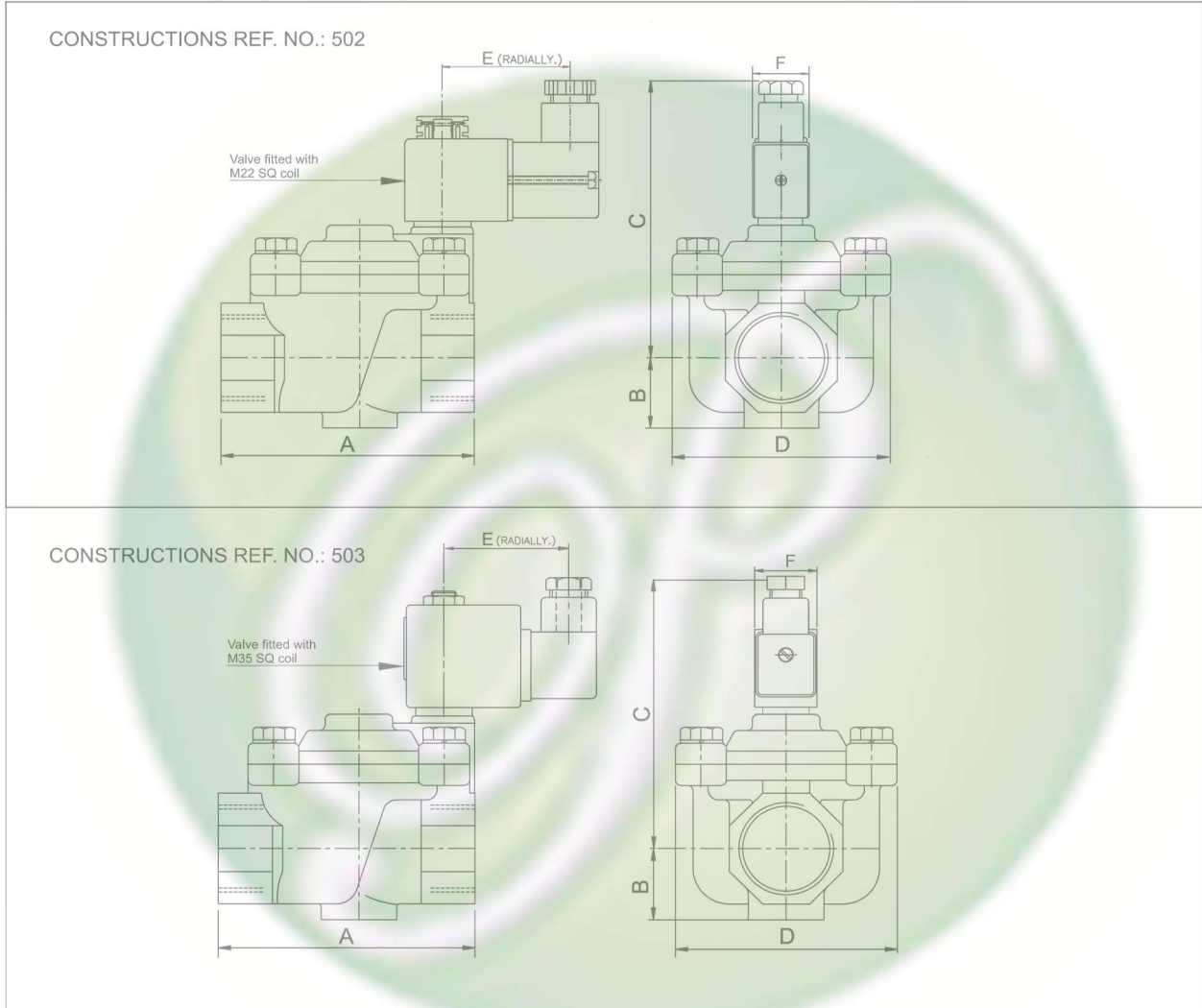


Catalogue Number	Pipe Size	Orifice Size	Flow Factor Kv	Minimum Pressure	Maximum Operating Pressure (bar)						BTP	Material		Constr. Ref.	VA Rating	Watt Rating	Coil	Housing
					AC			DC				Body	Seat					
					Air/Gas	Water	Light Oil	Air/Gas	Water	Light Oil								
9170F064	1/4	10	1.6	0.1	6	6	6	6	6	6	16	CF8	HY	502	9.4	6	M22	SQ
9170F104	3/8	16	2.6	0.1	6	6	6	6	6	6	16	CF8	HY	503	12	9	M35	SQ
9170F154	1/2	16	3.4	0.1	6	6	6	6	6	6	16	CF8	HY	503	12	9	M35	SQ
9170F204	3/4	20	5.2	0.1	6	6	6	6	6	6	16	CF8	HY	503	12	9	M35	SQ
9170F254	1	25	8.6	0.1	6	6	6	6	6	6	16	CF8	HY	503	12	9	M35	SQ

**ELECTRICAL REFERENCE**

Coil Type	Power Consumption & Watt Rating			Class of Insulation		Protection
	AC		DC			
	VA Inrush	VA Holding	Watts			
M 22 SQ	12.7	9.4	6	H	C	GP/WP IP-67
M 35 SQ	16.6	12	9	H	C	GP/WP IP-67

**DIMENSION IN (MM)**



Catalogue Number	Pipe Size Inch	Constr. Ref.	A	B	C	D	E	F	Weight (Approx.)
									Kgs. ♦
9170F064	1/4	502	65	12.5	90	55	50	22	0.900
9170F104	3/8	503	75	14.5	106	65	50	30	1.0
9170F154	1/2	503	75	14.5	106	65	50	30	1.0
9170F204	3/4	503	95	26	110	75	50	30	1.2
9170F254	1	503	115	27	118	85	50	30	1.3

♦ Weight with SQ enclosure only.

**Note:**

Technical specifications, details & dimensions are subject to change without prior notice. Dimensions in the table are approximate subject to final confirmation by AVCON.