

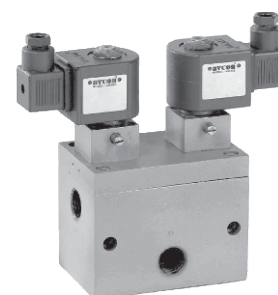
4/2-Way Pilot Operated, Poppet Type, Solenoid Valves.

2 Position Single and Dual Solenoid.

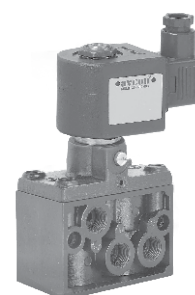
DATA SHEET
9470E
9472E

SPECIFICATIONS

Sizes	: 1/4" (6mm) to 1/2" (15mm).
End Connections	: Standard-G-ISO-228(BSP-F), Optional:NPT.
Body Material	: Aluminium Die Cast or bar stock deep anodised body.
Body Test Pressure	: 2 Bar (Refer to table below).
Max.Wkg.Pressure	: 10 Bar (Refer to table below).
Seat Material	: Standard - 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/IECEx/BIS.
Differential Pr.	: 2 to 10 bar, (Refer to Table below).
Coil Insulation	: Class 'H' upto 155Deg.C.
Fluids	: Lubricated & Non Lubricated Air, Gas.
Manual Override	: Available.
Sales Point	: Reliable fast acting valve for multimillion operations.
Application	: Pneumatic circuitry, textile processing machinery, for operation of quarter turn actuators, robots and others.
Mounting	: In horizontal pipeline, keeping solenoid upright and vertical.
Note	: 1) Use of Filter in the inlet side is highly recommended. 2) Not suitable for back pressure from outlet side.



9472E



9470E

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	DC	Type	
				Air/Gas		Water	Light Oil	Air/Gas	Water	Light Oil	bar	Body	Seat					
9470E06	1/4	6	0.6	2	10	--	--	10	--	--	15	AD	BN	26.1	18	12	M45.1	SQ
9470E10	3/8	10	1	2	10	--	--	10	--	--	15	AD	BN	26.1	18	12	M45.1	SQ
9470E15	1/2	12	1.14	2	10	--	--	10	--	--	15	AD	BN	26.1	18	12	M45.1	SQ

4/2 POSITION DUAL SOLENOIDS



9472E06	1/4	6	0.7	2	10	--	--	10	--	--	15	AD	BN	27.1	18	12	M45.1	SQ
9472E10	3/8	10	1	2	10	--	--	10	--	--	15	AD	BN	27.1	18	12	M45.1	SQ
9472E15	1/2	12	1.14	2	10	--	--	10	--	--	15	AD	BN	27.1	18	12	M45.1	SQ

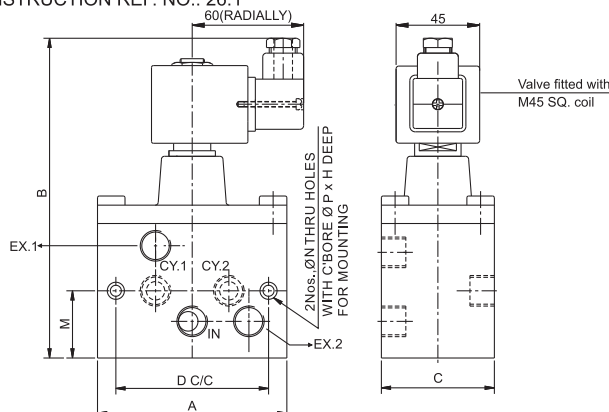
ELECTRICAL REFERENCE

Coil Type	Power Consumption & Watt Rating			Class of Insulation	Protection	Certification Standard
	AC		DC			
	VA Inrush	VA Holding	Watts			
M 45.1 SQ	25	18	12	H	GP/WP IP-67	IS/IEC 60529-2001
M 45.1 RD	25	18	12	H	GP/WP IP-67	IS/IEC 60529-2001
M 45.1 FLP IIC	25	18	12	H	FLP-IIC IP-67	IS/IEC 60079-1-2014

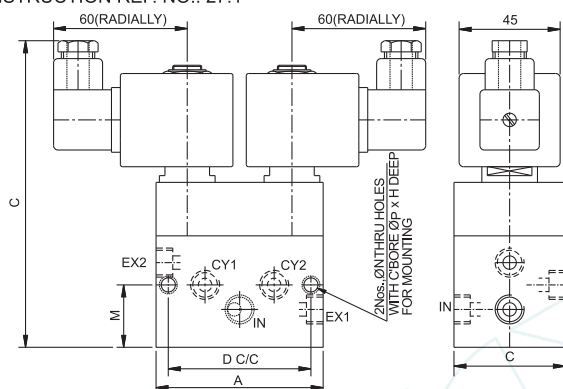
DIMENSIONS IN (MM)

Catalogue Number	Pipe Size Inch	Constr. Ref.	A	B	C	D	M	ØN	ØP	H	Weight (Approx.) Kgs. ♦
9470E06	1/4	26.1	75	140	50	64	28	6.3	8	6	0.973
9470E10	3/8	26.1	114	183	76	92	39	7.0	10	8	2.623
9470E15	1/2	26.1	114	183	76	92	39	7.0	10	8	2.623
9472E06	1/4	27.1	75	140	50	64	28	6.3	8	6	1.506
9472E10	3/8	27.1	114	170	76	92	39	7.0	10	8	2.946
9472E15	1/2	27.1	114	170	76	92	39	7.0	10	8	2.946

CONSTRUCTION REF. NO.: 26.1



CONSTRUCTION REF. NO.: 27.1



Catalogue Number	Pipe Size Inch	Constr. Ref.	E (RADIALLY)			F			G (APPROX.)		
			RD GP	RD WP	FLP	RD GP	RD WP	FLP	RD GP	RD WP	FLP
9470E06	1/4	26.1	60	96	96	48	62	80	127	135	205
9470E10	3/8	26.1	60	96	96	48	62	80	170	178	248
9470E15	1/2	26.1	60	96	96	48	62	80	170	178	248
9472E06	1/4	27.1	60	96	96	48	62	80	170	178	248
9472E10	3/8	27.1	60	96	96	48	62	80	157	165	235
9472E15	1/2	27.1	60	96	96	48	62	80	157	165	235

♦ Weight with SQ enclosure only, using Aluminium bodies; Ask AVCON for other weights.

Note - Dimensions of Bar stock & Die casted design may vary.

Ed.9470E/9472E-Dec-2025

Note:

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

Page No. 246

WESTERN

Mumbai
Plot No. 65, Road No. 13, MIDC Marol, Andheri (East), Mumbai - 400 093
Tel.No.: 022-6915 6100 / 83909 17431
E-mail : acplmumbai.sales@avconcontrols.com

Pune
Plot No. T - 108, MIDC Bhosari, Pune - 411 026.
Maharashtra (INDIA).
Tel.No.: 020-2712 0776 / 2712 0540
E-mail : acplmumbai.sales@avconcontrols.com

Baroda
307, Mangaldeep Complex, Sampatras Colony, Productivity Road, Baroda - 390 005.
Tel.No.: 022-6915 6100 / 83909 17431
E-mail : acplmumbai.sales@avconcontrols.com

SOUTHERN

Chennai
249, First Floor, Tiny Sector Ambattur Industrial Estate, Chennai - 600 058
Tel.No.: 044-4807 4107 / 089393 12809
E-mail : acplmumbai.sales@avconcontrols.com

Hyderabad
SSR ENCLAVE, Plot No. 81, Road No.4, Vasanth Nagar, Nizampet X Roads (Near JNTU College Metro Station), Hyderabad - 500085.
Tel.No.: 7995086416
E-mail : acplmumbai.sales@avconcontrols.com

Bangalore
Tel.No.: 084312 56574
E-mail : acplmumbai.sales@avconcontrols.com

EASTERN

Kolkata
720, 7th Floor, 33/1, N.S. Road, Marshal House, Kolkata- 700 001.
Tel.No.: 033-4068 1180 / 77109 00889
E-mail : acplmumbai.sales@avconcontrols.com

NORTHERN

New Delhi
Unit No. 708, 7th Floor, 94 Meghdoot, Nehru Place, New Delhi - 110019
Tel.No.: 011-42639736 / 88282 69844
E-mail : acplmumbai.sales@avconcontrols.com

Manufactured by:

AVCON CONTROLS PVT. LTD.

Plot No. 65, Road No.13, MIDC Marol, Andheri (East), Mumbai - 400 093 (INDIA).
Phone : +91-22-6915 6100.
E-mail : avcon@avconcontrols.com
acplmumbai.sales@avconcontrols.com
Website : www.avconcontrols.com