

5/2, 3/2-Way (Convertible) Pilot Operated, Namur Mounting Solenoid Valves.

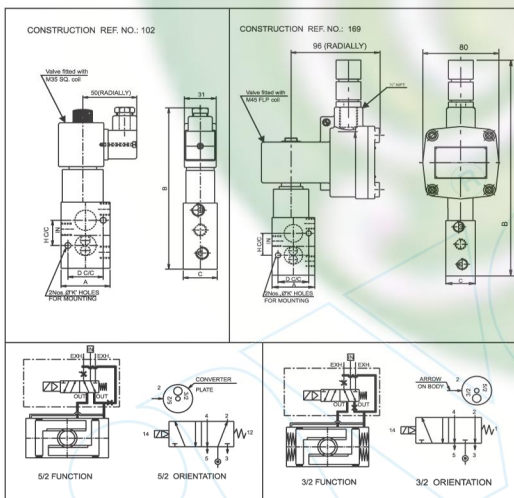
DATA SHEET
9484 E
9384 E

SPECIFICATIONS

- Sizes : 6mm (1/4").
- End Connections : Standard-G-ISO-228 (BSP-F),
Optional - NPT.
- Construction-Body : Standard-Aluminium deep
anodised bar stock.
- Seat : Standard-Nitrile (Buna 'N').
- Differential Pressure : 2 to 10 bar.
- Temperature of fluid : -5°C to 50 °C.
- Coil Voltage : Standard-230-volts,
50Hz. A.C.
Optional - 24, 110, 240 V DC & AC
50Hz or 60Hz.
- Coil Insulation and Temperature. : Ambient upto 42°C.
Class 'H' insulated upto 155°C.
- Coil Rating : Continuously rated.
- Enclosure : Standard-General purpose
SQ. moulded coil upto IP-20,
Optional-Weatherproof
SQ. moulded coil upto IP-67,
M45 Flameproof coil upto FLP IIC.
- Fluids : Lubricated and non-lubricated air,
gas filtered to 50 micron minimum.
- Kv Flow Factor : 0.5



- Sales Point : Reliable fast acting valve for
multimillion operations. Lockable
resettable manual override as a
standard. Valve type 3-way or
5-way is selectable by using
the orientation of plastic disc
in No.2 port,(refer to IM.)
- Application : When using as a 5-way valve,
can operate double acting
actuator. When using as a 3-way
valve, can operate on single
acting, spring return actuator.
While exhausting, portion of air is
re-introduced in spring chamber to
boost operating speed of return
stroke. Mostly used in process
industry, specially on single
acting and double acting 90°
turn actuator



ELECTRICAL REFERENCE

Coil Type	Power Consumption & Watt Rating			Class of Insulation	Protection
	AC	DC			
	VA Inrush	VA Holding	Watts		
M 35 SQ	16.6	12	9	H	GP/WP IP-67
M 45.1 FLP IIC	25	18	12	H	IS/IEC 60079-1:2007, Group IIC, IS 12063-1987 IP-66 (IEC 60529:1989).

SPECIFICATION TABLE

4/2 POSITION SINGLE SOLENOID 4 WAY WITH NAMUR BASE VALVE

Catalogue Number	Pipe Size	Orifice Size	Flow Factor Kv	Minimum Pressure	Maximum Operating Pressure (bar)						BTP	Material	Constr. Ref.	VA Rating	Rating Watt	Coil Type	Housing	
					AC													DC
					Air/Gas	Water	Light Oil	Air/Gas	Water	Light Oil								
9484E06	1/4	6	0.5	2	10	--	--	10	--	--	15	AL	BN	102	12	9	M35	SQ
9384E06	1/4	6	0.5	2	10	--	--	10	--	--	15	AL	BN	102	12	9	M35	SQ

3/2 POSITION SINGLE SOLENOID 3 WAY WITH NAMUR BASE VALVE

Catalogue Number	Pipe Size	Orifice Size	Flow Factor Kv	Minimum Pressure	Maximum Operating Pressure (bar)						BTP	Material	Constr. Ref.	VA Rating	Rating Watt	Coil Type	Housing	
					AC													DC
					Air/Gas	Water	Light Oil	Air/Gas	Water	Light Oil								
9484E06	1/4	6	0.5	2	10	--	--	10	--	--	15	AL	BN	169	18	12	M45.1	FLP
9384E06	1/4	6	0.5	2	10	--	--	10	--	--	15	AL	BN	169	18	12	M45.1	FLP

DIMENSIONS IN (MM)

Catalogue Number	Pipe Size Inch	Constr. Ref.	A	B	C	D	H	ØK	Weight (Approx.) Kgs.
9484E06	1/4	102	44.5	149	31	32	24	5.5	0.470
9384E06	1/4	102	44.5	149	31	32	24	5.5	0.470
9484E06	1/4	169	44.5	224	31	32	24	5.5	1.135
9384E06	1/4	169	44.5	224	31	32	24	5.5	1.135

Note:

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

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