

67 Series 3 Way 3/2 Closed/Open/Universal



Features & Benefits

- Stainless Steel Construction as Standard
- Designed for Actuator Control
- Larger Porting for High Kv
- Zero Pressure Rated
- Low power consumption version available
- Normally closed, Normally open, Mixing or Diverting
- Manual reset, override and latch options available
- ATEX approved
- **Response time 75-100ms**

Specifications

Function:	Normally Closed, Normally Open or Universal
Ambient Temperature:	-20°C to +40°C
Maximum Viscosity:	115 SSU
Body Material (Std):	Stainless Steel 316
Flange Tube:	Stainless Steel 303
Plunger and Top Stop:	Stainless Steel 430FR
Springs:	Stainless Steel 302
Seal Material (Std):	Nitrile (BunaN)
Connection type (Std):	NPT
Shading Coil:	Silver

Electrical Characteristics

Coil Voltage DC (=):	12v, 24v, 110v
Coil Voltage AC 50Hz (~):	24v, 110v, 120v, 230v
Coil Voltage AC 60Hz (~):	24v, 110v, 120v, 220v
Voltage tolerance:	+10% or -10%
Duty Cycle:	100% ED
Protection Class (Std):	IP67 (EExd) T6
Electrical Connection (Std):	Cable connector from M20 X 1.5 Female conduit
Coil Insulation:	Class H (BS EN 60085) 180°C
Power:	14.5 Watts

Features

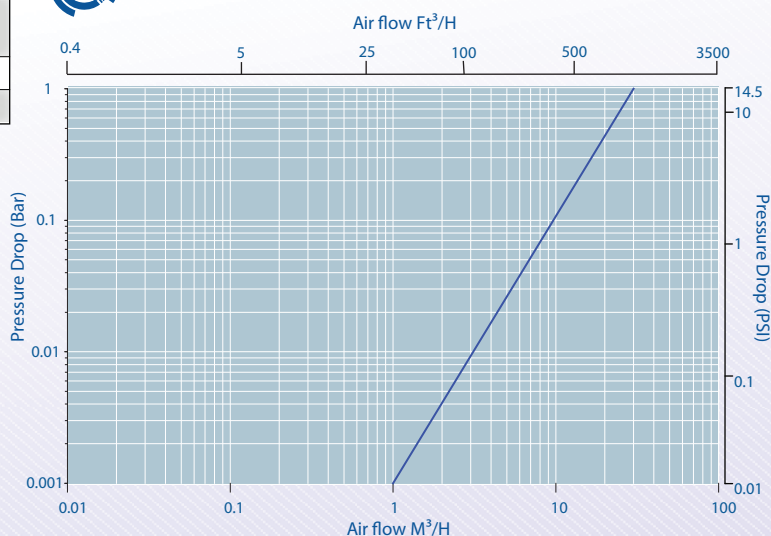
Pipe Size	Qn	OPD (Bar)		P.Max	Orifice	Weight
		AC Voltages	DC Voltages	Bar	mm	Kg
1/4"	800	0 - 10	0 - 10	20	8.80	1.75
3/8"	800	0 - 10	0 - 10	20	8.80	1.75
1/2"	800	0 - 10	0 - 10	20	8.80	1.75

Qn = Flow of air in litres/min @ 20°C. Input 6 bar Δp of 1 bar

How to use the Flow Chart

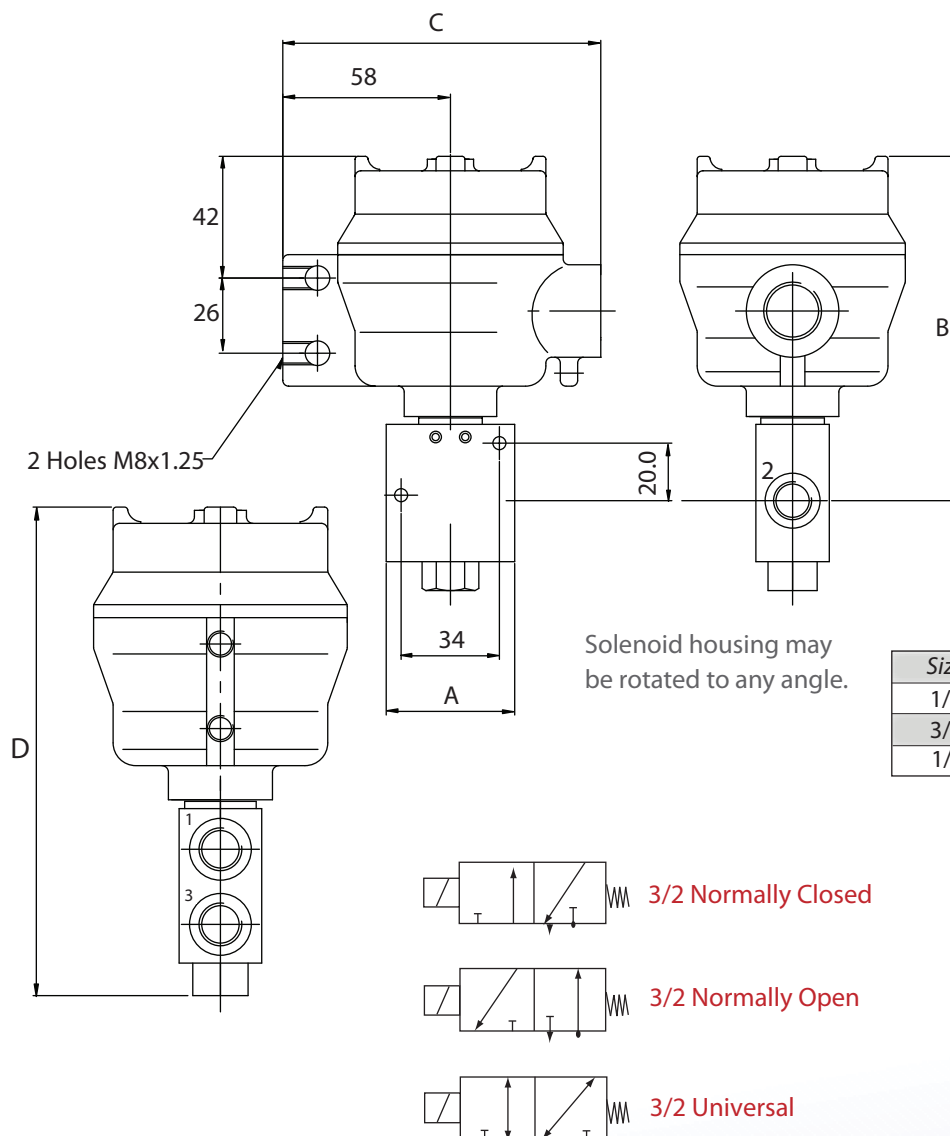
1. Select the required flow.
2. Note the corresponding orifices/model and pressure drop.
3. Using orifices/model, (refer to the Features panel) for technical information

Flow Data



ITT

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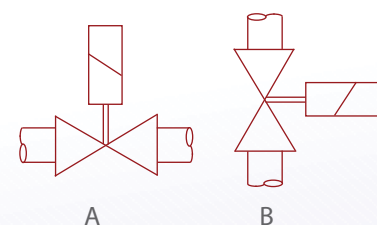


Dimensions

Size	A	B	C	D
1/4"	45	120	110	150
3/8"	65	133	110	162
1/2"	65	133	110	162

Dimensions given in mm

Mounting



Options

Solenoid Enclosure		
Protection Class	Electrical Entry	Ambient
IP65 (BS60529)	Plug supplied as std	-50°C to +40°C
EExd T4 (IP67)	M20 X 1.5 Female	-50°C to +70°C
Exm T5 (IP65)	M16 X 1.5 Male	-20°C to +40°C
24VDC only	FLYING LEAD	

Body Options
Manual Reset
Manual Override
Mechanical Latch

Seal Material	Media Temperature Range
EPDM	-50°C to +120°C
Viton	-20°C to +150°C

See corrosion reference guide and sealing solutions for material compatibility

See solenoid enclosures for specific details

ATEX / CSA / IECEx EXD versions available
ATEX IECEx EXM version available