

Individual mounting

Inline

Series

34

36

32

37

38

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67

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400

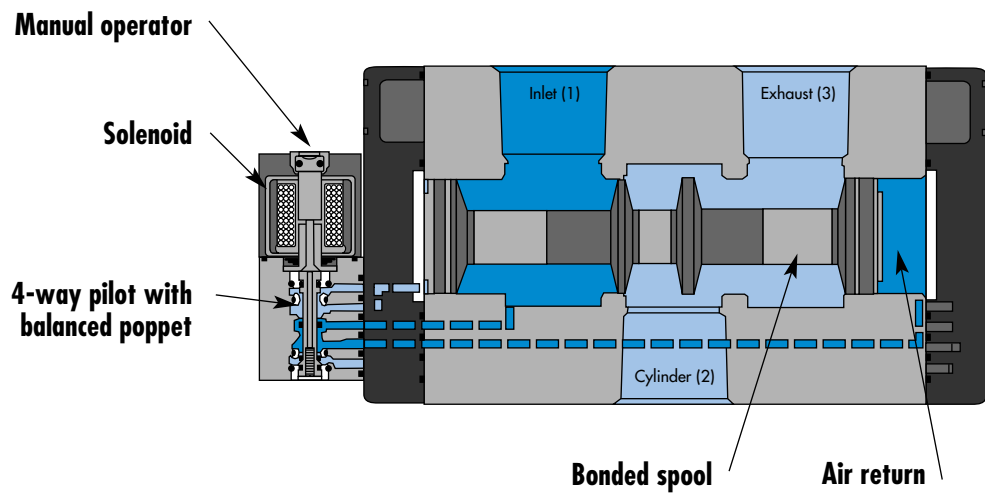
92

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ISO 1

ISO 2

ISO 3



SERIES FEATURES

- Patented MACSOLENOID® for fastest possible response times and virtually burn-out proof AC solenoid operation.
- Optional low watt DC solenoids.
- Normally closed or normally open valve function.
- Optional universal spool.
- Internal or external pilot.
- Optional memory spring.
- Checked accumulator.
- Optional pilot exhaust to main valve exhaust.
- May be plugged for 2-way operation.

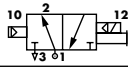
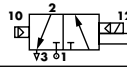
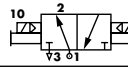
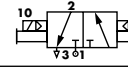
Function	Port size	Flow [Max]	Individual mounting	Series
3/2 NO-NC, 2/2 NO-NC	3/4" - 1"	20.0 C_v	Inline	

OPERATIONAL BENEFITS

1. The 4-way pilot develops maximum shifting force both ways.
2. Memory spring available.
3. Balanced spool, immune to variations of pressure, also provides high flow.
4. Short stroke with high flow.
5. Bonded spool with minimum friction, shifting in a glass-like finished bore.
6. Pilot with balanced poppet, high flow, short and consistent response times.
7. Wiping effect eliminates sticking.



HOW TO ORDER

Port size	Pilot air	Single Operator		Double Operator	
		NO Valve	NC Valve	NO Valve	NC Valve
					
3/4" NPTF	Internal	67A-Cx-AAA-DM-Dxxx-xxx	67A-Ax-AAA-DM-Dxxx-xxx	67A-Dx-AAA-DM-Dxxx-xxx	67A-Bx-AAA-DM-Dxxx-xxx
1" NPTF		67A-Cx-BAA-DM-Dxxx-xxx	67A-Ax-BAA-DM-Dxxx-xxx	67A-Dx-BAA-DM-Dxxx-xxx	67A-Bx-BAA-DM-Dxxx-xxx
3/4" NPTF	External	67A-Cx-AAB-DM-Dxxx-xxx	67A-Ax-AAB-DM-Dxxx-xxx	67A-Dx-AAB-DM-Dxxx-xxx	67A-Bx-AAB-DM-Dxxx-xxx
1" NPTF		67A-Cx-BAB-DM-Dxxx-xxx	67A-Ax-BAB-DM-Dxxx-xxx	67A-Dx-BAB-DM-Dxxx-xxx	67A-Bx-BAB-DM-Dxxx-xxx

SOLENOID OPERATOR ➤

DM-D xxx-xxx*

XX Voltage	X Wire length	X Manual operator	XX Electrical connection
JA 110/50, 120/60 (2.9W)	A 18"	1 Non-locking recessed	KA Square connector
JB 220/50, 240/60 (2.9W)	B 24"	2 Locking recessed	KD Square connector with light
JC 24/60 (2.9W)	J Connector		JB Rectangular connector
FB 24 VDC (1.8W)			JD Rectangular connector with light
DA 24 VDC (5.4W)			BA Flying leads
DF 24 VDC (12.7W)			

* Click here for other options available.

OPTIONS

Spool type :

67A-**XX**-AAA-DM-Dxxx-xxx

- G** Single operator universal spool
- H** Double operator universal spool

Port configuration :

67A-XX-A**XA**-DM-Dxxx-xxx

- A** Standard pilot exhaust
- B** Pilot exhaust to main exhaust*
- C** Pilot exhaust out adapter*
- * Must use DU pilot. Replace DM with DU

Spool return :

67A-XX-AAA-DM-Dxxx-xxx

- 1** Standard return
- 2** Standard return with memory spring (for use with single operator only)

Pilot style :

67A-XX-AAA-DM-Dxxx-xxx

- M** Pilot exhaust muffled
- P** Pilot exhaust piped (#10-32)
- U** Pilot exhaust to main exhaust

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TECHNICAL DATA

Fluid :	Compressed air, vacuum, inert gases
Pressure range :	Internal Pilot : 20 to 150 PSI External Pilot : Vacuum to 150 PSI
Lubrication :	Not required, if used select a medium aniline point lubricant (between 180°F and 210°F)
Filtration :	40 μ
Temperature range :	0°F to 120°F (-18°C to +50°C)
Flow :	3/4" : (14.5 C _v) – 1" : (20.0 C _v)
Coil :	Class A continuous duty, #22 AWG x 18 lead wires
Voltage range :	-15% to +10% of nominal voltage
Protection :	Consult factory
Power :	~ Inrush : 7.6 VA Holding : 4.8 VA = 12.7 to 1.0 W
Response times : (with 5.4 W coil)	Energize : 29 ms De-energize : 21 ms

Options : • BSPP threads

DIMENSIONS

Dimensions shown are metric (mm)

