

Individual mounting

Inline	Sub-base non "plug-in"
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Series

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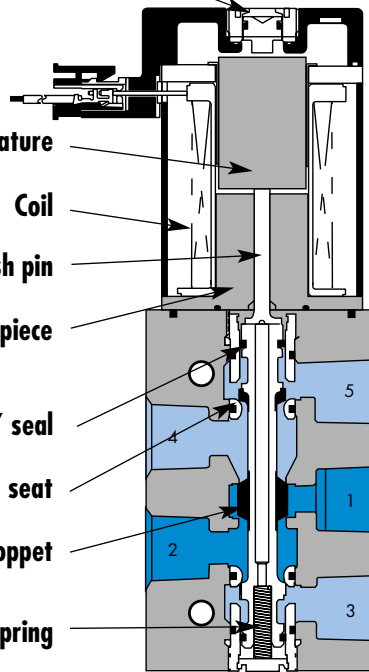
Manifold mounting

Stacking	Manifold base "plug-in"
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Manual operator

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400

92

93

ISO 1

ISO 2

ISO 3

SERIES FEATURES

- Short stroke solenoid produces high energization shifting force.
- High force return spring due to high force solenoid maximizes both energization and de-energization shifting forces.
- Built-in wear compensation - valve stroke is shorter than solenoid stroke.
- Four (4) bonded balanced poppets on a one-piece valve stem.
- End poppets seal first on conical seats and cushion inlet poppet, eliminating cutting.
- Exhaust seals are not under inlet pressure thus reducing friction.
- Short stroking balanced poppet allows for direct solenoid operation with high shifting forces, minimized friction, fast response and high flow in a small package.



Direct solenoid and solenoid pilot operated valves

Function	Port size	Flow (Max)	Individual Mounting	Series
5/2	1/8" - 1/4"	0.5 C_v	Inline	

OPERATIONAL BENEFITS

- Short stroke solenoid produces high energization shifting force.
- High force return spring due to high force solenoid maximizes both energization and de-energization shifting forces.
- Built-in wear compensation – valve stroke is shorter than solenoid stroke.
- Four bonded balanced poppets on a one-piece valve stem.
- End poppets seal first on conical seats and cushion inlet poppet, eliminating cutting.
- Exhaust seals are not under inlet pressure thus reducing friction.
- Integral non-rising flow controls available on inline models.
- Short stroking balanced poppet allows for direct solenoid operation with high shifting forces, minimized friction, fast response and high flow in a small package.



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HOW TO ORDER

Port size	Without flow controls	With flow controls
1/8" NPTF	47A-AA0-H XXX-XXX	47A-BA0-H XXX-XXX
1/4" NPTF	47A-AB0-H XXX-XXX	47A-BB0-H XXX-XXX

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42

SOLENOID OPERATOR >

H XXX-XXX*

XX Voltage	X Lead Wire length	X Manual operator	XX Electrical connection
DA 24 VDC (5.2W)	A 18"	1 Non-locking recessed	MA Plug-in wire assembly
DB 24 VDC (2.4W)	B 24"	2 Locking recessed	MC Plug-in wire assembly with light
DC 24 VDC (1.8W)	C 36"		BA Flying leads
DD 24 VDC (1.0W)			BC Flying leads with light
AA 120 VAC (6.7W)			MT Plug-in wire assembly with rectifier & light

* Click here for other options available.
Note: AC voltage requires connector with rectifier.

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LATCHING OPERATOR >

L XXX-XXX*

XX Voltage	X Lead Wire length	X Manual operator	XX Electrical connection
DA 24 VDC (5.2W)	A 18"	0 No operator	BA 2 Wire Flying leads
DF 12 VDC (5.2W)	B 24"		BJ 4 Wire Flying leads
	C 36"		LA 3 Wire Plug-in (Polarity switching cover)
			MA 2 Wire Plug-in
			ME 4 Wire Plug-in

* Click here for other options available.

ISO 1
ISO 2
ISO 3

