

Individual mounting

Sub-base non "plug-in"	Sub-base "plug-in"	Sub-base/manifold base non "plug-in" with latching solenoid	Sub-base/manifold base "plug-in" with latching solenoid
------------------------	--------------------	---	---

Series

34

Manifold mounting

Manifold base non "plug-in"	Manifold base "plug-in"	Sub-base/manifold base non "plug-in" with latching solenoid	Sub-base/manifold base "plug-in" with latching solenoid
-----------------------------	-------------------------	---	---

36

32

37

38

52

67

44

46

42

47

48

400

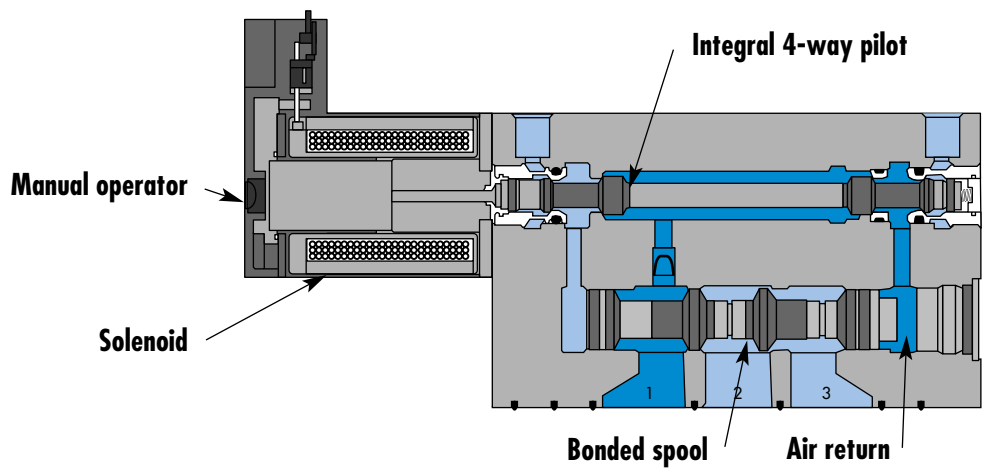
92

93

ISO 1

ISO 2

ISO 3



**SERIES FEATURES**

- High force MACSOLENOID®.
- Integral 4-way pilot design.
- Internal or external pilot.
- Normally open or normally closed function.
- Universal function (external pilot).
- Rectified AC voltage.
- Latching solenoid technology.



# Direct solenoid and solenoid pilot operated valves

Function	Port size	Flow [Max]	Individual mounting	Series
<b>3/2 NO-NC</b>	<b>1/8"</b>	<b>0.4 C<sub>v</sub></b>	Sub-base non "plug-in"	

## OPERATIONAL BENEFITS

1. 3-way valve with 4-way integral pilot.
2. 10 mm valve (stacks on 10.5 mm centers).
3. High flow (up to 0.4 C<sub>v</sub>).
4. Fast, repeatable response times.
5. Maximum shifting forces in both directions.



## HOW TO ORDER

Port size	Pilot air	NO valve	NC valve	Universal valve
<b>Valve less base</b>	Internal	32A-BMA-000-G <del>xxx-xxx</del>	32A-AMA-000-G <del>xxx-xxx</del>	
	External	32A-BMB-000-G <del>xxx-xxx</del>	32A-AMB-000-G <del>xxx-xxx</del>	32A-GMB-000-G <del>xxx-xxx</del>
<b>1/8" NPTF</b>	Internal	32A-BMA-CAL-G <del>xxx-xxx</del>	32A-AMA-CAL-G <del>xxx-xxx</del>	
	External	32A-BMB-CAM-G <del>xxx-xxx</del>	32A-AMB-CAM-G <del>xxx-xxx</del>	32A-GMB-CAM-G <del>xxx-xxx</del>

Note : Above codes are for side port.

## STANDARD SOLENOID OPERATOR >

G **XXX-XXX**\*

XX	Voltage	X	Wire length	X	Manual operator	XX	Electrical connection**
AA	120 VAC (2.5W)	A	18"	1	Non-locking recessed	BA	Flying leads
DA	24 VDC (1.0W)	B	24"	2	Locking recessed	BT	Flying leads with light
DC	24 VDC (1.8W)	C	36"			KA	Plug-in wire assy.
DD	24 VDC (2.5W)					KT	Plug-in wire assy. with light
DF	24 VDC (4.0W)					KD	Plug-in wire assy. with rectifier & light & ground

Note : AC voltage requires connector with rectifier.

\* Click here for other options available.

\*\* 32 series with non plug-in base configuration must use type "B" or "K" electrical connector. Click here for latching solenoid also available.

## OPTIONS

Pilot/Base Configuration :

32A-~~xM~~-~~x~~A-G~~xxx-xxx~~

- A** Individual base – Side port
- B** Individual base – Bottom port
- M** Pilot exhaust muffled
- P** Pilot exhaust piped (# 10-32)
- U** Pilot exhaust to main exhaust (not available with external pilot)

34

36

32

37

38

52

67

44

46

42

47

48

400

92

93

ISO 1

ISO 2

ISO 3

**TECHNICAL DATA**

<b>Fluid :</b>	Compressed air, vacuum, inert gases
<b>Pressure range :</b>	Internal Pilot : 20 to 120 PSI External Pilot : Vacuum to 120 PSI
<b>Pilot pressure :</b>	20 to 120 PSI
<b>Lubrication :</b>	Not required, if used select a medium aniline point lubricant (between 180°F and 210°F)
<b>Filtration :</b>	40 μ
<b>Temperature range :</b>	0°F to 120°F (-18°C to +50°C)
<b>Flow :</b>	1/8" : (0.40 C <sub>v</sub> )
<b>Coil :</b>	Class A wire (#22 AWG x 18), continuous duty
<b>Voltage range :</b>	-1.5% to +10% of nominal voltage
<b>Power :</b>	1.0 to 4.0 W
<b>Response times : (with 4 W coil)</b>	Energize : 5 ms De-energize : 5 ms

Options : • BSPP threads

**DIMENSIONS**

Dimensions shown are metric (mm)

