

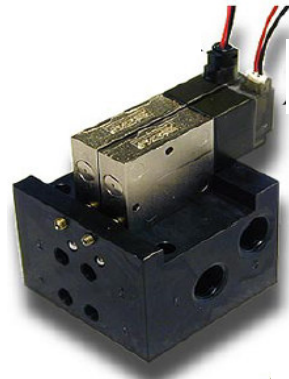


## Direct solenoid and solenoid pilot operated valves

Function	Port size	Flow [Max]	Circuit bar mounting	Series
5/2	M3 - #10-32 - M5 - 1/8" tube rec.	.07 Cv	Non plug-in	43

### OPERATIONAL BENEFITS

1. 8mm direct solenoid operated valve
2. Balanced poppet, immune to variations of pressure
3. Short stroke with high flow
4. The patented solenoid develops high shifting forces
5. Powerful return spring
6. Flow is specifically adjusted on each valve
7. Manual operator standard on each valve



### HOW TO ORDER

HOW TO ORDER VALVE FOR CIRCUIT BAR MOUNTING

Port size (see base)	Valve
Valve less base	43A-L00-Rxxx-xxx

SOLENOID OPERATOR

R XX X - X XX

<u>XX</u> Voltage	<u>X</u> Lead Wire Length	<u>X</u> Manual Operator	<u>XX</u> Electrical Connection
<b>DC</b> 24VDC (1.8W)	<b>0*</b> No lead wires	<b>0</b> No operator	<b>BA</b> Flying leads
<b>DD</b> 24VDC (2.5W)	<b>A</b> 18"	<b>1</b> Recessed non locking	<b>BB</b> Flying leads with LED
<b>DF</b> 24VDC (4.0W)	<b>B</b> 24"	<b>3</b> Extended non locking	<b>RA</b> Mini JAC solenoid plug-in
<b>DJ</b> 12VDC (1.8W)			<b>RB</b> Mini JAC solenoid plug-in with LED
<b>DK</b> 12VDC (2.5W)	*Not available for flying leads connector		<b>TA</b> JST solenoid plug-in
<b>DM</b> 12VDC (4.0W)			<b>TB</b> JST solenoid plug-in with LED

HOW TO ORDER CIRCUIT BAR

Port size	Side cylinder ports	Bottom cylinder ports
<b>M3</b>	EBP43A-001AA-xx	EBP43A-002AA-xx
<b>#10-32 UNF</b>	EBP43A-001AD-xx	EBP43A-002AD-xx
<b>M5</b>	EBP43A-001AG-xx	EBP43A-002AG-xx
<b>1/8" tube receptacle</b>	EBP43A-001AK-xx	EBP43A-002AK-xx

xx = Number of stations

## Direct solenoid and solenoid pilot operated valves

### TECHNICAL DATA

<b>Fluid:</b>	Compressed air, vacuum, inert gases
<b>Pressure range:</b>	Vacuum 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>	40μ
<b>Temperature range:</b>	0°F to 120°F (-18°C to +50°C)
<b>Orifice:</b>	1,6 mm
<b>Flow (at 6 bar ΔP=1bar):</b>	4.0 W: .07 Cv – 3.0 W: .05 Cv – 2.5 W: .04 Cv – 1.8 W: .03 Cv
<b>Voltage range:</b>	-15% to +10% of nominal voltage
<b>Power:</b>	4.0 W – 3.0 W – 2.5 W – 1.8 W

### DIMENSIONS

