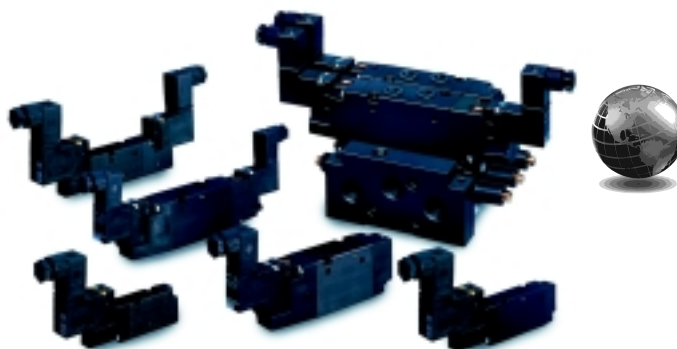


# B Series High Performance Industrial Valves




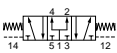
- 3 sizes: M5, 1/8" and 1/4"
- Compact size
- Inlet-exhaust-mounting facility
- Fast response, high flow
- Integrated mounting holes
- Wear compensation System
- DIN rail mountable manifolds







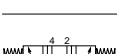
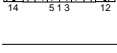
## Operating information

Working pressure	1,5 to 10 bar	Flow (Qmax):	B2	250 l/min
Working temperature	-10 °C to +50 °C		B3	960 l/min
Port size	B2 : M5, B3 : G1/8, B4 : G1/4		B4	1170 l/min

## Pneumatically actuated 5/2 and 5/3 valves

Symbol	Size	Actuator	Return	Order code
<b>5/2 valves</b>				
	M5	Air	Differential Air/Spring	<b>B2FC000XXF</b>
	G1/8 G1/4	Air	Differential Air	<b>B335000XXH</b> <b>B436000XXF</b>
	M5 G1/8 G1/4	Air	Air	<b>B24C000XXF</b> <b>B345000XXH</b> <b>B446000XXF</b>
<b>5/3 valves</b>				
	G1/8 G1/4	Air Closed Centre	Air Self centring	<b>B385000XXH</b> <b>B486000XXF</b>
	G1/8 G1/4	Air Vented Centre	Air Self centring	<b>B395000XXH</b> <b>B496000XXF</b>
	G1/8 G1/4	Air Pressure Centre	Air Self centring	<b>B305000XXH</b> <b>B406000XXF</b>

## Electrically actuated 5/2 and 5/3 valves

Symbol	Size	Actuator	Return	Order code No solenoid	Order code 24V DC solenoid & cable plug fitted
<b>5/2 valves</b>					
	M5	Electric	Differential Air/Spring	<b>B2ECBXXXXF*</b>	<b>B2ECBB549F</b>
	G1/8 G1/4	Electric	Differential Air	<b>B315BXXXXH*</b> <b>B416AXXXXF*</b>	<b>B315BB549H</b> <b>B416AB549F</b>
	M5 G1/8 G1/4	Electric	Electric	<b>B22CBXXXXF**</b> <b>B325BXXXXH**</b> <b>B426AXXXXF**</b>	<b>B22CBB549F</b> <b>B325BB549H</b> <b>B426AB549F</b>
<b>5/3 valves</b>					
	G1/8 G1/4	Electric Closed Centre	Electric Self centring	<b>B355BXXXXH**</b> <b>B456AXXXXF**</b>	<b>B355BB549H</b> <b>B456AB549F</b>
	G1/8 G1/4	Electric Vented Centre	Electric Self centring	<b>B365BXXXXH**</b> <b>B466AXXXXF**</b>	<b>B365BB549H</b> <b>B466AB549F</b>
	G1/8 G1/4	Electric Pressure Centre	Electric Self centring	<b>B375BXXXXH**</b> <b>B476AXXXXF**</b>	<b>B375BB549H</b> <b>B476AB549F</b>

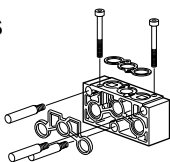
\* Solenoid and cable plug (must be ordered separately see opposite page)

\*\* 2 Solenoids and cable plugs (must be ordered separately see opposite page)

# B Series High Performance Industrial Valves

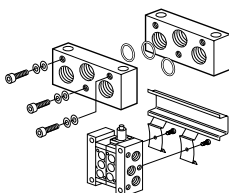
## Inlet exhaust manifolds for B3 series

	Order code
Manifold Base Kit	<b>PS2917F</b>



## End plates

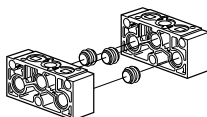
	Order code
Manifold end plate kit	<b>PS2916F</b>



	Order code
DIN rail mounting kit for IEM manifold	<b>PS2970F</b>

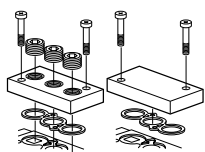
## Isolator plug kit

	Order code
Isolator plug Kit	<b>PS2919F</b>



## Manifold plates

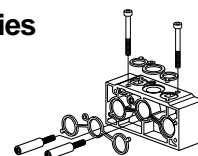
	Order code
Manifold ported plate	<b>PS2921F</b>



	Order code
Manifold blanking plate	<b>PS2969F</b>

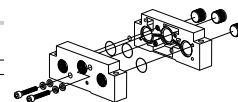
## Inlet exhaust manifolds for B4 series

	Order code
Manifold Base Kit	<b>PS4517F</b>



## End plates

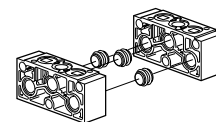
	Order code
Manifold end plate kit	<b>PS4516F</b>



	Order code
DIN rail mounting kit for IEM manifold	<b>PS4570F</b>

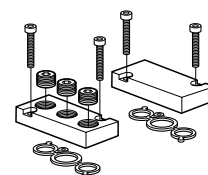
## Isolator plug kit

	Order code
Isolator plug Kit	<b>PS4519F</b>



## Manifold plates

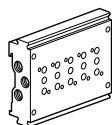
	Order code
Manifold ported plate	<b>PS4521F</b>



	Order code
Manifold blanking plate	<b>PS4569F</b>

## Manifold kits for B2 series

Stations	Order code
2	<b>B805024</b>
4	<b>B805044</b>
6	<b>B805064</b>
8	<b>B805084</b>
12	<b>B805124</b>



## Blanking Plate Kit for B2 series

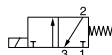
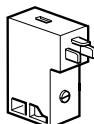
Type	Order code
5/2	<b>805004</b>

## 35mm DIN Rail Clamp Kit for B2 series

Order code
<b>805005</b>

## Solenoids 15mm NC Standard flow DIN 1.2W/1.6VA

Voltage	Order code	
	Override flush non locking	Override flush locking
24 VDC	<b>P2E-KV32C1</b>	<b>P2E-KV32C2</b>
48 VDC	<b>P2E-KV32D1</b>	<b>P2E-KV32D2</b>
24 VAC 50Hz	<b>P2E-KV31C1</b>	<b>P2E-KV31C2</b>
48 VAC 50/60Hz	<b>P2E-KV31D1</b>	<b>P2E-KV31D2</b>
115 VAC 50Hz/	<b>P2E-KV31F1</b>	<b>P2E-KV31F2</b>
120 VAC 60Hz		
230 VAC 50Hz/	<b>P2E-KV31J1</b>	<b>P2E-KV31J2</b>
240 VAC 60Hz		



## Cable plugs 15 mm (8 mm pin spacing) IP 65

Description	Order code
Large headed screw for inaccessible or recess position	
Standard to be wired universal	<b>P8C-C</b>
To be wired LED+protection 24 VDC	<b>P8C-C26C</b>
With standard screw	
Standard to be wired universal	<b>P8C-D</b>
To be wired LED+protection 24 VDC	<b>P8C-D26C</b>
With cable and standard screw	
Standard with 2 m cable	<b>P8L-C2</b>
Standard with 5 m cable	<b>P8L-C5</b>
LED+protection 24 VAC/DC, 2 m	<b>P8L-C226C</b>
LED+protection 24 VAC/DC, 5 m	<b>P8L-C526C</b>



## Suppressor and LED indicators

For mounting between the solenoid valve and the cable plug.

Symbol	Description	Voltage	Order code
	LED Indicator	24 V AC/DC	<b>P8V-CR26C</b>
		48 V AC/DC	<b>P8V-CR26D</b>
		115 V 50 Hz 120 V 60 Hz	<b>P8V-CR24F</b>
		230 V~50 Hz 240 V~60 Hz	<b>P8V-CR24J</b>

