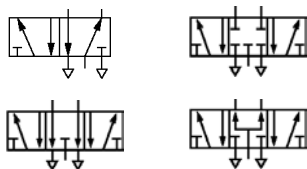


MIDI★STAR

Solenoid & pilot actuated spool valves

Sub-base & manifold

5/2 & 5/3, G $\frac{1}{8}$



Specially coated glandless spool and sleeve for long trouble-free life

Low power solenoids feature manual override as standard

Single station sub-base for 'in-line' styling and multi-station sub-bases for up to 12 stations using common inlet and exhaust ports

Integral flow regulator

Technical data

Medium:

Compressed air, filtered, lubricated and non lubricated.

Operating pressure:

1 to 10 bar single solenoid models.
2 to 10 bar double solenoid and pilot models.

Flow:

750 l/min

Ambient temperature:

-15°C to +50°C.

Consult our Technical Service for use below +2°C.

Materials

Body: die cast aluminium

Spool & sleeve: anodised aluminium with special Teflon coating

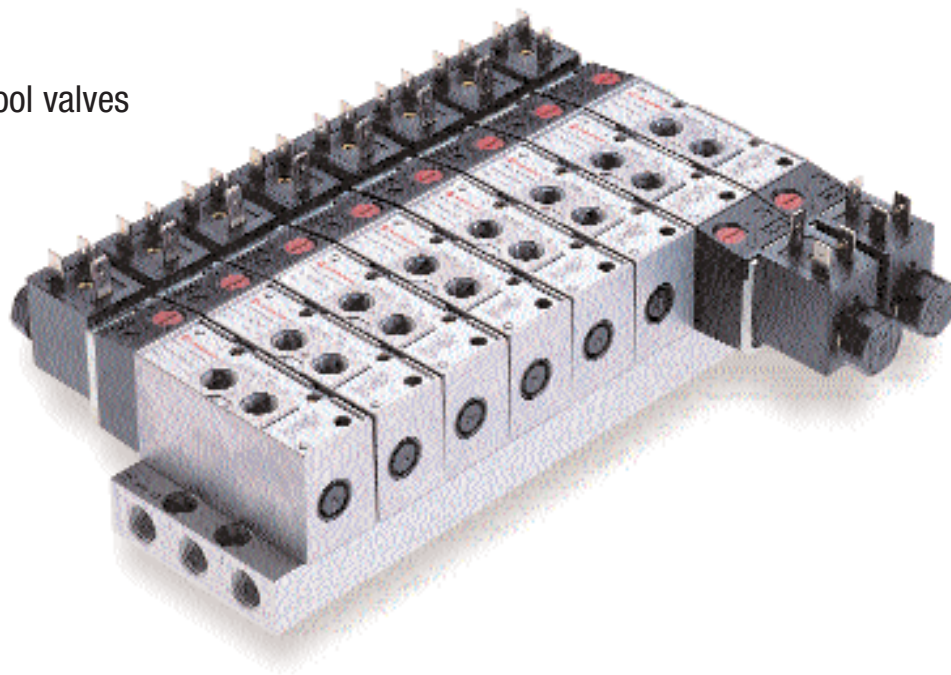
Seals: nitrile

Bases: aluminium

Alternative models

Intrinsically safe version (Ex ia IIC T6)

Contact our Technical Service for details.



Solenoid pilot actuated valves

Size	Function	Actuation	Pilot supply	Mid position	kg	Model
G1/8	5/2	Solenoid/Solenoid	Internal	—	0,40	SXE 0561-A60-00/***
G1/8	5/2	Solenoid/Solenoid	External	—	0,40	SXE 0561-A65-00/***
G1/8	5/2	Solenoid/Air spring	Internal	—	0,27	SXE 9561-A80-00/***
G1/8	5/2	Solenoid/Spring	Internal	—	0,27	SXE 9561-A81-00/***
G1/8	5/2	Solenoid/Air spring	External	—	0,27	SXE 9561-A85-00/***
G1/8	5/2	Solenoid/Spring	External	—	0,27	SXE 9561-A86-00/***
G1/8	5/3	Solenoid/Solenoid	Internal	APB	0,41	SXE 9661-A60-00/***
G1/8	5/3	Solenoid/Solenoid	External	APB	0,41	SXE 9661-A65-00/***
G1/8	5/3	Solenoid/Solenoid	Internal	COE	0,41	SXE 9761-A60-00/***
G1/8	5/3	Solenoid/Solenoid	External	COE	0,41	SXE 9761-A65-00/***
G1/8	5/3	Solenoid/Solenoid	Internal	COP	0,41	SXE 9861-A60-00/***
G1/8	5/3	Solenoid/Solenoid	External	COP	0,41	SXE 9861-A65-00/***

APB = All Ports Blocked, COE = Centre Open Exhaust, COP = Centre Open Pressure.

*** Insert voltage codes from table below. Service kits are not available for these valves. Order connector plugs separately.

Voltage codes

22 mm Coil with connector interface acc. to Industrial Standard				22 mm Coil with connector interface acc. to DIN 43650 table B		
Voltage	Code	Power inrush/hold	Model	Code	Power inrush/hold	Model
12 V d.c.	12J	2 W	QM/48/12J/21	12L	2 W	V10626-A12L
24 V d.c.	13J	2 W	QM/48/13J/21	13L	2 W	V10626-A13L
24 V 50/60 Hz	14J	4/2,5 VA	QM/48/14J/21	14L	4/2,5 VA	V10626-A14L
110/120 V 50/60 Hz	18J	4/2,5 VA	QM/48/18J/21	18L	4/2,5 VA	V10626-A18L
220/240 V 50/60 Hz	19J	6/5 VA	QM/48/19J/21	19L	6/5 VA	V10626-A19L

Other voltages available on request.

Electrical details for solenoid operators

Voltage tolerances:	±10%
Rating:	100% E.D.
Inlet orifice:	1,0 mm
Electrical connection:	Corresponding to chosen coil, see table above
Solenoid coil:	May be rotated at 90° intervals
Protection class:	IP 65 (DIN 40 050)

For details of connector plugs and indicators see page 383

Air pilot actuated valves

Size	Function	Actuation	Mid position	kg	Model
G1/8	5/2	Pilot/Spring	—	0,16	SXP 9561-180-00
G1/8	5/2	Pilot/Pilot	—	0,16	SXP 0561-180-00
G1/8	5/3	Pilot/Spring/Pilot	APB	0,18	SXP 9661-180-00
G1/8	5/3	Pilot/Spring/Pilot	COE	0,18	SXP 9761-180-00
G1/8	5/3	Pilot/Spring/Pilot	COP	0,18	SXP 9861-180-00

APB = All Ports Blocked, COE = Centre Open Exhaust, COP = Centre Open Pressure.

Service kits are not available for these valves.

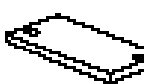
MIDI★STAR

Solenoid & pilot actuated spool valves

Sub-base & manifold

5/2 & 5/3, G $\frac{1}{8}$

Bases and accessories

Single station sub-base Side ported with pilot ports	Single station manifold Side ported without pilot ports	Single station sub-base Bottom ported with pilot ports	Single station sub-base Bottom ported without pilot ports	Fixed length manifold
				
FP 2011-20 (G1/8)	FP 2011(G1/8)	FP 2021-20 (G1/8)	FP 2021 (G1/8)	BL 3**1-21 (G1/4)
Multi-station sub-base Side ported	Modular manifold	Blanking end plate for FP2880	Blanking disc for FP 2880	Blanking plate
				
BP 43**-13-91 (G3/8)	FP 2880	FP 2857	FP 2858	FP 2001
Blanking plug				

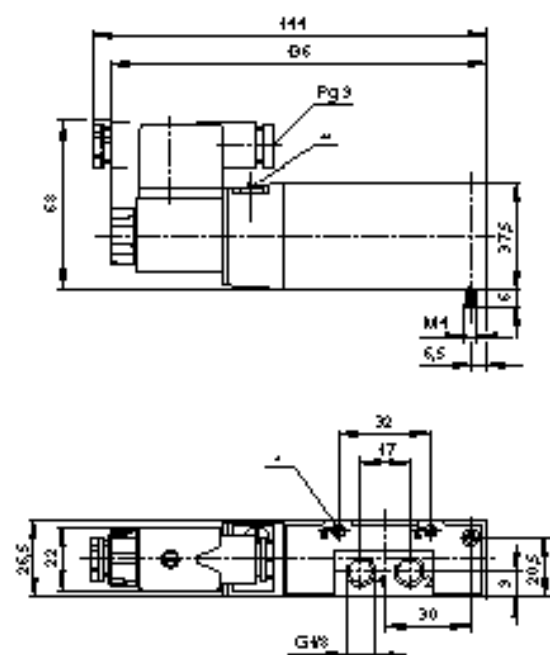


FP 2080 (BL3000)

FP 2081 (BP4300)

** Insert number of stations

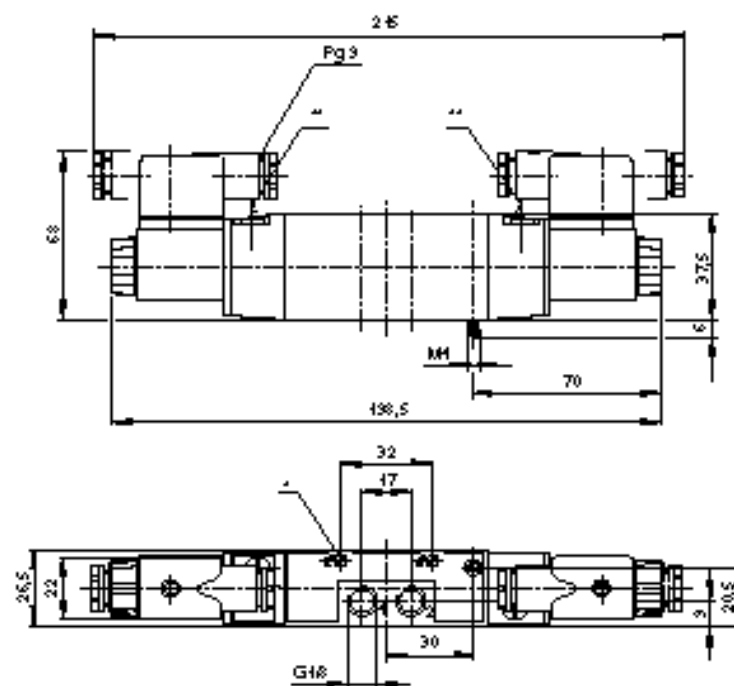
Single solenoid models



*Exhaust flow regulators

**Manual override

Double solenoid models



*Exhaust flow regulators

**Manual override

MIDI★STAR

Solenoid & pilot actuated spool valves

Sub-base & manifold

5/2 & 5/3, G $\frac{1}{8}$

Single station sub-base
FP 2011, FP 2011-20

