

SPOOL

for all applications



MIXED

for heavy applications

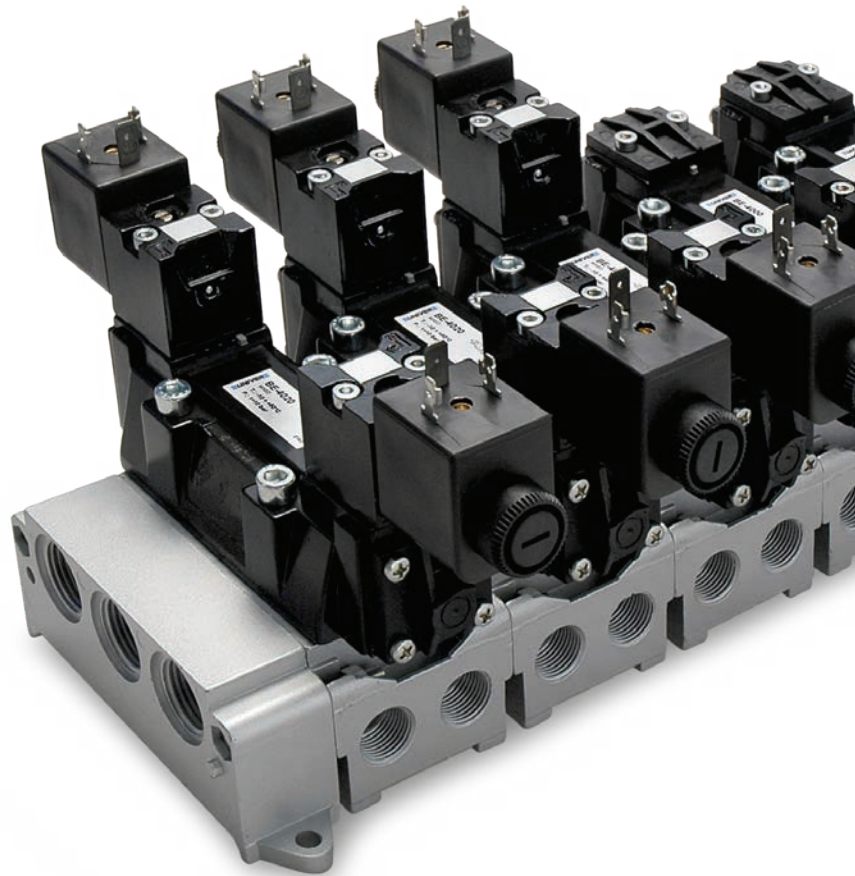


MIXED and SPOOL SYSTEM

Versions with either mixed or spool system available for all series

ORIGINAL

Valves and sub-bases UNIVER Original since 1980



BE 3 - ISO 1

1480 NI/min



M12

BE 4 - ISO 2

2300 NI/min



M12

BE 5 - ISO 3

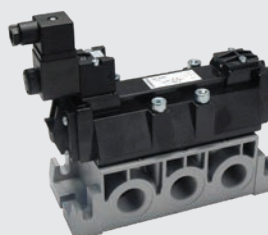
4200 NI/min



M12

BE 6 - ISO 4

6600 NI/min





Reference standard

ATEX
2014/34/UE



Pressure

Max 10 bar (1 MPa)

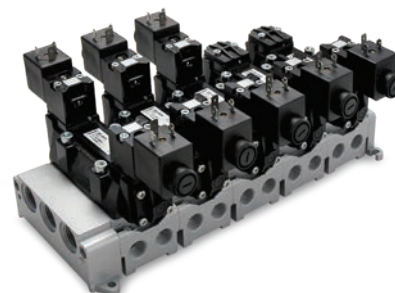


Temperature

- 10 °C
+ 50 °C

CHARACTERISTICS

Fluid	50 µm filtered air (mixed system) 50 µm filtered air, with or without lubrication (spool system)
Commutation system	mixed and spool
Connections	interface ISO 5599/1
Valve body	acetalic resin with zamak cover
Seals	NBR and polyurethane (mixed system), NBR (spool system)
Electropilot/Coil	series AA/U3
Power consumption	2,5 W (DC) - 5 VA (AC)
Voltage	12 V DC - 24 V DC - 24 V AC - 110 V AC - 230 V AC
Manual override	impulse screw - 2 positions (BE), recessed button - 1 position (BE12) IP65



	size 1	size 2	size 3	size 4
Nominal bore (mm)	8	10	15	19
Nominal flow rate (Nl/min)	1480	2300	4200	6600

BE Single/double pneumatic impulse

mixed system



	size		size		size
	BE-3100 1		BE-3150 1		BE-3170 1
	BE-4100 2		BE-4150 2		BE-4170 2
	BE-5100 3		BE-5150 3		BE-5170 3
	BE-6100 4		BE-6150 4		BE-6170 4

Spool system

	size		size		size
	BE-3800 1		BE-3850 1		BE-3870 1
	BE-4800 2		BE-4850 2		BE-4870 2
	BE-5800 3		BE-5850 3		BE-5870 3
	BE-6800 4		BE-6850 4		BE-6870 4

BE Single electrical impulse

mixed system



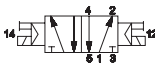
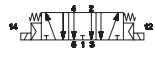
	size		size
	BE-3000 1		BE-3060 1
	BE-4000 2		BE-4060 2
	BE-5000 3		BE-5060 3
	BE-6000 4		BE-6060 4

Spool system

	size		size
	BE-3700 1		BE-3760 1
	BE-4700 2		BE-4760 2
	BE-5700 3		BE-5760 3
	BE-6700 4		BE-6760 4

BE12 Single electrical impulse

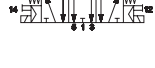
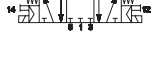
mixed system

	size		size
	BE-3020 1		BE-3030 1
	BE-4020 2		BE-4030 2
	BE-5020 3		BE-5030 3
	BE-6020 4		BE-6030 4
	size		size
	BE-3200* 1		BE-3205 1
	BE-4200* 2		BE-4205 2
	BE-5200* 3		BE-5205 3
	BE-6200* 4		BE-6205 4



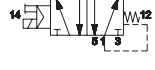
* = For Version with manual override contact our sales department.

Spool system

	size		size
	BE-3720 1		BE-3730 1
	BE-4720 2		BE-4730 2
	BE-5720 3		BE-5730 3
	BE-6720 4		BE-6730 4
	size		size
	BE-3900 1		BE-3940 1
	BE-4900 2		BE-4940 2
	BE-5900 3		BE-5940 3
	BE-6900 4		BE-6940 4

BE12 Single electrical impulse

mixed system

	size
	BE12-3000 1
	BE12-4000 2
	BE12-5000 3



BE12 Single electrical impulse

Spool system

	size
	BE12-3700 1
	BE12-4700 2
	BE12-5700 3



BE12 Double electrical impulse

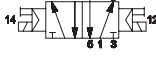
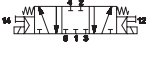
mixed system

	size
	BE12-3020 1
	BE12-4020 2
	BE12-5020 3
	size
	BE12-3205 1
	BE12-4205 2
	BE12-5205 3



BE12 Double electrical impulse

Spool system

	size		size
	BE12-3720 1		BE12-3940 1
	BE12-4720 2		BE12-4940 2
	BE12-5720 3		BE12-5940 3
	size		size
	BE12-3900 1		
	BE12-4900 2		
	BE12-5900 3		



BE12 Single sub-base, side connections

ISO 1



BF-1060
G1/8

BF-1061
G1/4

ISO 2



BF-1150
G1/4

BF-1151
G3/8

ISO 3



BF-3060
G1/2

BF-3061
G3/4

ISO 4



BF-4060
G3/4

BF-4061
G1

Single sub-base, bottom connections

ISO 1



BF-1062
G1/8

BF-1063
G1/4

ISO 2



BF-1152
G1/4

BF-1153
G3/8

For versions with recessed button 1 position, add suffix U to part number
Solenoid valves are supplied without coil, connector and locking nuts

Single or Manifold with separated exhausts

ISO 4 	BF-4062 G3/4
	BF-4063 G1

Manifold universal system inlet plate

	ISO 1			ISO 2			ISO 3	
	BF-1071 G1/8			BF-1160 G1/4			BF-3071 G1/2	
	BF-1072 G1/4			BF-1161 G3/8			BF-3072 G3/4	
	BF-1071S G1/8							
BF-1072S G1/4								

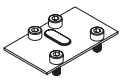
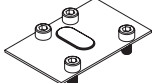
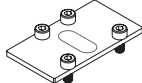
Manifold universal system inlet plate

ISO 1 	BF-1065 G3/8 Upfor connection BF-1066 G3/8 Back connections	ISO 2 	BF-1154 G1/2 Side connections BF-1155 G1/2 Back connections	ISO 3 	BF-3064 G1 Connections In-line
	BF-1068 G3/8 Connections In-line				

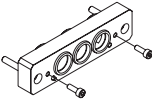
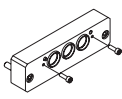
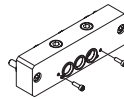
Manifold universal system diaphragm

ISO 1 	BF-1070	ISO 2 	BF-1162
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Accessories

	BF-1085 closing plate for ISO 1 sub-base		BF-1175 closing plate for ISO 2 sub-base 2		BF-3175 closing plate for ISO 3 sub-base 3		BF-3082 universal system plug for ISO 3 sub-base
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BE12 union interfaces

	BF-1190 connecting interface for universal sub-bases size 1 - 2		BF-3190 connecting interface for universal sub-bases size 2 - 3		BF-3191 connecting interface for universal sub-bases size 1 - 3
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Solenoid valves are supplied without coil, connector and locking nuts