



Reference Standard

ATEX  
2014/34/UE



Pressures

Max 10 bar (0.10 MPa)



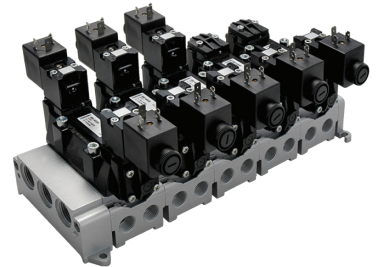
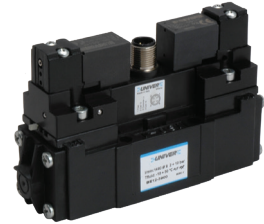
Ambient temperature

- 10 °C  
+ 50 °C

### TECHNICAL CHARACTERISTICS

Fluid temperature	Max +50 °C			
Fluid	50 µm filtered air (mixed system) 50 µm filtered air, with or without lubrication (spool system)			
Commutation system	mixed system, spool system			
Ways/Positions	5/2, 5/3			
Control	indirect electro-pneumatic, pneumatic			
Return	mechanical spring, pneumomechanical spring, pneumatic, electric			
Connections	ISO 5599/1 interface			
	ISO 1	ISO 2	ISO 3	ISO 4
Nominal Ø (mm)	8	10	15	19
Nominal flow rate (NI/min)	1480	2300	4200	6600

CE Ex II 2Gc IICT5 II 2Dc T100°C

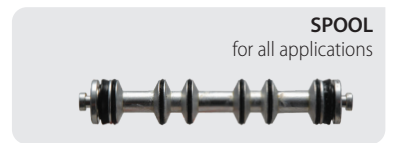


### CONSTRUCTIVE CHARACTERISTICS

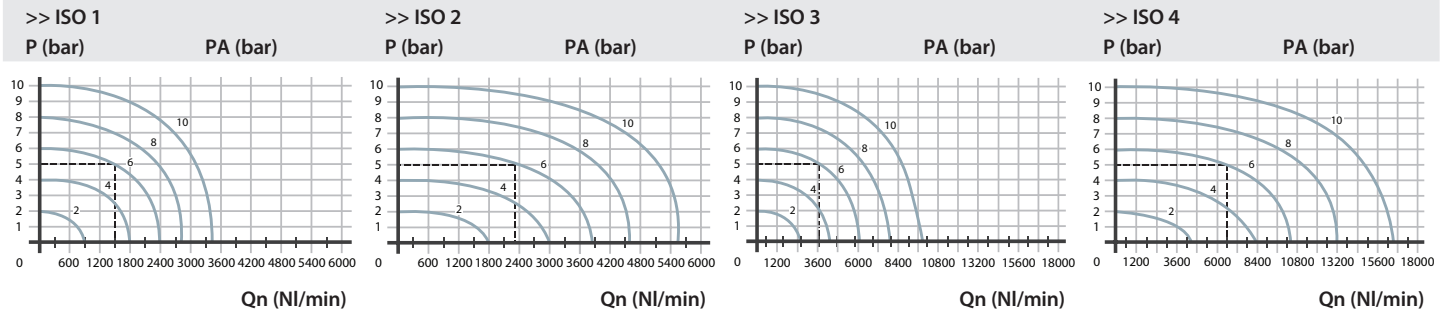
Valve body	acetalic resin
Cover	aluminium
Seals	mixed system: nitrile rubber and polyurethane spool system: nitrile rubber
Sub-base	zamak - aluminium
Actuators	technopolymer
Spool	aluminium

### ELECTRIC CHARACTERISTICS

Electropilot	AA series
Coil	U3 series
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
Connector	AM 5111
Manual override	impulse screw - 2 positions, button with tool (BE) recessed button - 1 position (BE12)



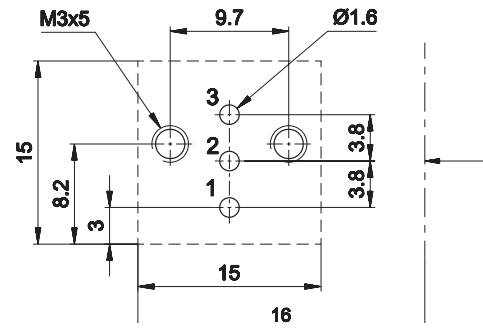
#### Flow rate characteristics



P = Working pressure  
PA = Supply pressure  
Qn = Nominal flow rate

ISO 5599/1 Standard

The ISO standard for pneumatic valves is accepted by industry and by the majority of the main important pneumatic valve manufactures throughout the world. The choice of valves according to ISO standard guarantees to the user the interchangeability of both the valve body and the electromagnetic part.



	A	B	D	F	H	K	L	L1	L2	M	P	r	S	T
ISO 1	9	14	4,5	3	43	38	65	32,5	32,5	M5	9	2,5	8,5	16,5
ISO 2	10	19	7	3	56	50	81	40,5	40,5	M6	12	3	10	22
ISO 3	11,5	24	10	4	71	64	106	53	53	M8	16	4	13	29
ISO 4	14,5	29	13	4	82	74	142	77,5	64,5	M8	20	4	15,5	36,5

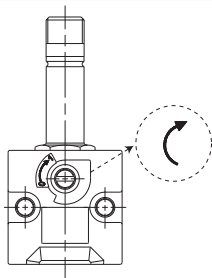
ISO Standard 5599/1

fixes the dimensions of the bearing surface of the valve and provides accommodation between two contiguous planes while guaranteeing, at the time of replacement, that any suitable valve can be inserted in the manifold assembly. It also provides a clear numbering system for the ports. Main connecting ports:

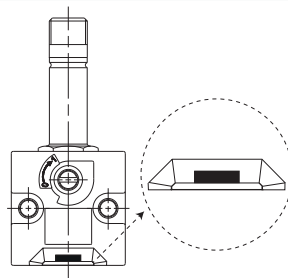
- 1 = Supply port
- 2 - 4 = Use
- 3 - 5 = Exhaust
- 12 - 14 = Pilots

(e.g. single electrical impulse solenoid mounted side 14 single pneumatic impulse control at 14)

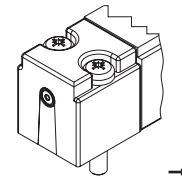
Manual control



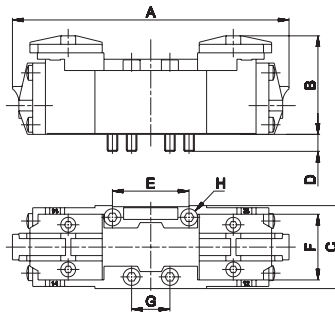
Standard for BE  
Screw with 2 positions



On request with code BE...U  
Single-position button

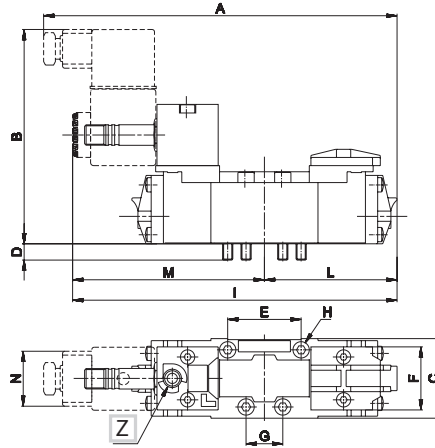
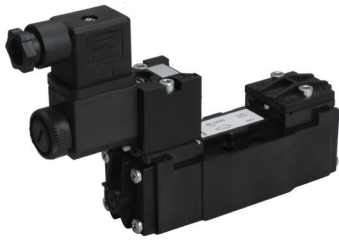


Standard for BE12  
1-position push button

**Single/double pneumatic impulse**


	ISO 1	ISO 2	ISO 3	ISO 4
<b>A</b>	128	145	191	222
<b>B</b>	47	47	63	63
<b>C</b>	39	52	64	74
<b>D</b>	5	5	10	10
<b>E</b>	36	48	64	80
<b>F</b>	28	38	48	58
<b>G</b>	18	24	32	40
<b>H</b>	M5x38	M6x35	M8x50	M8x50

	Code	Function	Control 14	Return 12	Size ISO	Pressure bar	Response Time (ms)		Weight kg
							En.	De-en.	
<b>MIXED SYSTEM</b>									
	<a href="#">BE-3100</a>	5/2	pneumatic amplified	pneumomechanical spring	1	2÷10	9	18	0,30
	<a href="#">BE-4100</a>				2	2,3÷10	11	14	0,40
	<a href="#">BE-5100</a>				3	2,5÷10	19	49	0,65
	<a href="#">BE-6100</a>				4	3÷10	23	46	0,87
	<a href="#">BE-3150</a>	5/2	pneumatic amplified	pneumatic amplified	1	1÷10	5	5	0,30
	<a href="#">BE-4150</a>				2	1÷10	6	6	0,40
	<a href="#">BE-5150</a>				3	1÷10	10	10	0,65
	<a href="#">BE-6150</a>				4	1,3÷10	12	12	0,87
	<a href="#">BE-3170</a>	5/2	pneumatic amplified	non-amplified pneumatic (differential)	1	2÷10	5	16	0,30
	<a href="#">BE-4170</a>				2	2÷10	6	13	0,40
	<a href="#">BE-5170</a>				3	2,2÷10	10	35	0,65
	<a href="#">BE-6170</a>				4	2,2÷10	12	32	0,87
<b>SPOOL SYSTEM</b>									
	<a href="#">BE-3800</a>	5/2	pneumatic amplified	pneumomechanical spring	1	1,8÷10	11	22	0,30
	<a href="#">BE-4800</a>				2	2÷10	13	19	0,40
	<a href="#">BE-5800</a>				3	2,2÷10	21	52	0,65
	<a href="#">BE-6800</a>				4	2,8÷10	24	29	0,87
	<a href="#">BE-3850</a>	5/2	pneumatic amplified	pneumatic amplified	1	0,8÷10	6	6	0,30
	<a href="#">BE-4850</a>				2	1÷10	7	7	0,40
	<a href="#">BE-5850</a>				3	1÷10	12	12	0,65
	<a href="#">BE-6850</a>				4	1÷10	14	14	0,87
	<a href="#">BE-3870</a>	5/2	pneumatic amplified	non-amplified pneumatic (differential)	1	1,5÷10	6	15	0,30
	<a href="#">BE-4870</a>				2	1,8÷10	7	14	0,40
	<a href="#">BE-5870</a>				3	2÷10	12	38	0,65
	<a href="#">BE-6870</a>				4	2÷10	14	31	0,87

**Single electric impulse**


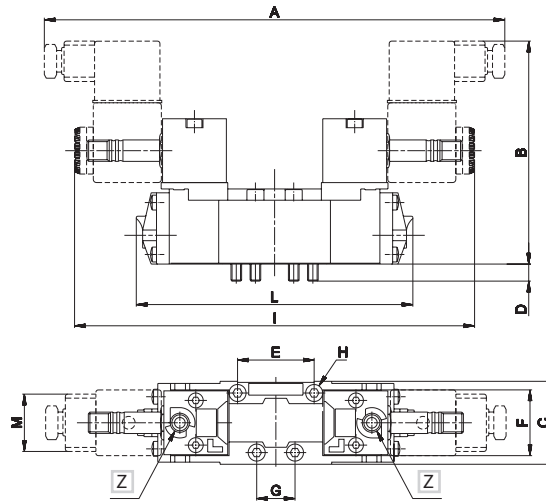
	ISO 1	ISO 2	ISO 3	ISO 4
<b>A</b>	169,5	195,5	219	253
<b>B</b>	105	105	118	118
<b>C</b>	39	52	64	74
<b>D</b>	5	5	10	10
<b>E</b>	36	48	64	80
<b>F</b>	28	38	48	58
<b>G</b>	18	24	32	40
<b>H</b>	M5x38	M6x35	M8x50	M8x50
<b>I</b>	159,5	176	208,5	235
<b>L</b>	64	72,5	95,5	111
<b>M</b>	95,5	103,5	113	124
<b>N</b>	30	30	30	30

Z - Two position manual control

	Code	Function	Control 14	Return 12	Size ISO	Pressure bar	Response Time (ms)		Weight kg
							En.	De-en.	
<b>MIXED SYSTEM</b>									
	<a href="#">BE-3000</a>	5/2	electric amplified	pneumomechanical spring	1	2÷10	20	32	0,37
	<a href="#">BE-4000</a>				2	2,3÷10	24	25	0,47
	<a href="#">BE-5000</a>				3	2,5÷10	32	71	0,82
	<a href="#">BE-6000</a>				4	3÷10	38	62	1,04
	<a href="#">BE-3060</a>	5/2	electric amplified	pneumatic amplified	1	1÷10	16	6	0,37
	<a href="#">BE-4060</a>				2	1÷10	17	7	0,47
	<a href="#">BE-5060</a>				3	1÷10	23	15	0,82
	<a href="#">BE-6060</a>				4	1,3÷10	25	16	1,04
<b>SPOOL SYSTEM</b>									
	<a href="#">BE-3700</a>	5/2	electric amplified	pneumomechanical spring	1	2÷10	21	35	0,37
	<a href="#">BE-4700</a>				2	2,2÷10	24	30	0,47
	<a href="#">BE-5700</a>				3	2,3÷10	33	74	0,82
	<a href="#">BE-6700</a>				4	2,8÷10	39	68	1,04
	<a href="#">BE-3760</a>	5/2	electric amplified	pneumatic amplified	1	1÷10	17	8	0,37
	<a href="#">BE-4760</a>				2	1÷10	18	9	0,47
	<a href="#">BE-5760</a>				3	1÷10	26	17	0,82
	<a href="#">BE-6760</a>				4	1,3÷10	27	18	1,04

For manual version with button, add "U" to the end of the part number

**Electrovalves are supplied without coil, connector and locking ring**

**Double electric impulse**


	ISO 1	ISO 2	ISO 3	ISO 4
<b>A</b>	211	226	247	268
<b>B</b>	105	105	118	118
<b>C</b>	39	52	64	74
<b>D</b>	5	5	10	10
<b>E</b>	36	48	64	80
<b>F</b>	28	38	48	58
<b>G</b>	18	24	32	40
<b>H</b>	M5x38	M6x35	M8x50	M8x50
<b>I</b>	191	207	226	248
<b>L</b>	128	145	191	222
<b>M</b>	30	30	30	30

**Z** - Two position manual control

	Code	Function	Control 14	Return 12	Size ISO	Pressure bar	Response Time (ms)		Weight kg
							En.	De-en.	
<b>MIXED SYSTEM</b>									
	<b>BE-3020</b>	5/2	electric amplified	electric amplified	1	1÷10	16	16	0,39
	<b>BE-4020</b>				2	1÷10	17	17	0,64
	<b>BE-5020</b>				3	1÷10	23	23	1,04
	<b>BE-6020</b>				4	1,3÷10	25	25	1,21
	<b>BE-3030</b>	5/2	electric amplified	electric non amplified (differential)	1	2÷10	16	34	0,39
	<b>BE-4030</b>				2	2÷10	17	29	0,64
	<b>BE-5030</b>				3	2,2÷10	23	54	1,04
	<b>BE-6030</b>				4	2,2÷10	25	45	1,21
	<b>BE-3200*</b>	5/2 O.C.	electric amplified	electric amplified	1	3÷10	50	26	0,39
	<b>BE-4200*</b>				2	3÷10	54	24	0,64
	<b>BE-5200*</b>				3	3÷10	108	36	1,04
	<b>BE-6200*</b>				4	3÷10	115	115	1,21
	<b>BE-3205</b>	5/2 P.C.	electric amplified	electric amplified	1	2÷10	50	26	0,39
	<b>BE-4205</b>				2	2,3÷10	54	24	0,64
	<b>BE-5205</b>				3	2,5÷10	108	36	1,04
	<b>BE-6205</b>				4	3÷10	115	115	1,21
<b>SPOOL SYSTEM</b>									
	<b>BE-3720</b>	5/2	electric amplified	electric amplified (differential)	1	1÷10	17	17	0,39
	<b>BE-4720</b>				2	1÷10	18	18	0,64
	<b>BE-5720</b>				3	1÷10	26	26	1,04
	<b>BE-6720</b>				4	1÷10	27	27	1,21
	<b>BE-3730</b>	5/2	electric amplified	electric non amplified	1	1,8÷10	17	28	0,39
	<b>BE-4730</b>				2	1,8÷10	18	25	0,64
	<b>BE-5730</b>				3	2,5÷10	26	46	1,04
	<b>BE-6730</b>				4	2,5÷10	27	42	1,21
	<b>BE-3900</b>	5/2 O.C.	electric amplified	electric amplified	1	2,3÷10	17	25	0,39
	<b>BE-4900</b>				2	2,5÷10	18	27	0,64
	<b>BE-5900</b>				3	2,5÷10	26	50	1,04
	<b>BE-6900</b>				4	2,5÷10	30	47	1,21
	<b>BE-3940</b>	5/2 C.C.	electric amplified	electric amplified	1	2,3÷10	17	25	0,39
	<b>BE-4940</b>				2	2,5÷10	18	27	0,64
	<b>BE-5940</b>				3	2,5÷10	26	50	1,04
	<b>BE-6940</b>				4	2,5÷10	30	47	1,21

**O.C.** = open centres   **C.C.** = closed centres   **P.C.** = pressurized centres

For manual version with button, add "U" to the end of the part number

\* = For version with manual override contact our Sales Department

**The solenoid valves are supplied without coil and connector.**

The use of pneumatic components in the automotive sector, combined with electrical components, has made it possible to create a traditional ISO valve paired with a centrally positioned M12 electrical connector, for both single and double electrical control valves.

**Single/double electric impulse**

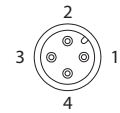
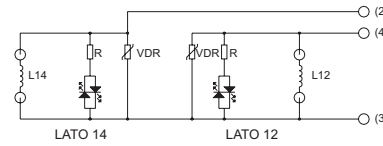

	Code	Function	Control 14	Return 12	Size ISO	Pressure bar	Response Time (ms)		Weight kg
							En.	De-en.	
<b>SINGLE IMPULSE - MIXED SYSTEM</b>									
	BE12-3000	5/2	electric amplified	pneumatic spring	1	2÷9	18	29	0,45
	BE12-4000				2	2,3÷9	23	24	0,55
	BE12-5000				3	2,5÷9	35	78	0,90
<b>SINGLE IMPULSE - SPOOL SYSTEM</b>									
	BE12-3700	5/2	electric amplified	pneumatic spring	1	2÷9	19	32	0,45
	BE12-4700				2	2,2÷9	23	28	0,55
	BE12-5700				3	2,3÷9	36	82	0,90
<b>DOUBLE IMPULSE - MIXED SYSTEM</b>									
	BE12-3020	5/2	electric amplified	electric amplified	1	1÷9	14	14	0,55
	BE12-4020				2	1÷9	16	16	0,80
	BE12-5020				3	1÷9	25	25	1,20
	BE12-3205	5/3 P.C.	electric amplified	electric amplified	1	2÷9	45	23	0,55
	BE12-4205				2	2,3÷9	51	23	0,80
	BE12-5205				3	2,5÷9	119	40	1,20
<b>DOUBLE IMPULSE - SPOOL SYSTEM</b>									
	BE12-3720	5/2	electric amplified	electric amplified	1	1÷9	15	15	0,55
	BE12-4720				2	1÷9	17	17	0,80
	BE12-5720				3	1÷9	29	29	1,20
	BE12-3900	5/3 O.C.	electric amplified	electric amplified	1	2,3÷9	15	22	0,55
	BE12-4900				2	2,5÷9	17	26	0,80
	BE12-5900				3	2,5÷9	29	55	1,20
	BE12-3940	5/3 C.C.	electric amplified	electric amplified	1	2,3÷9	15	22	0,55
	BE12-4940				2	2,5÷9	17	26	0,80
	BE12-5940				3	2,5÷9	29	55	1,20

O.C. = open centres C.C. = closed centres P.C. = pressurized centres

Valves are supplied with 24 V DC coil

**ELECTRIC CHARACTERISTICS**

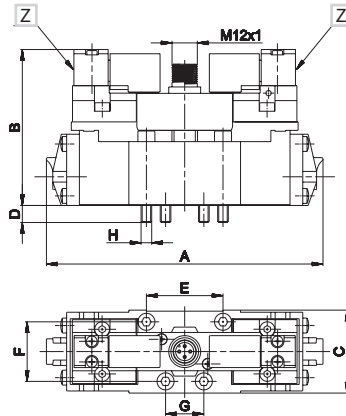
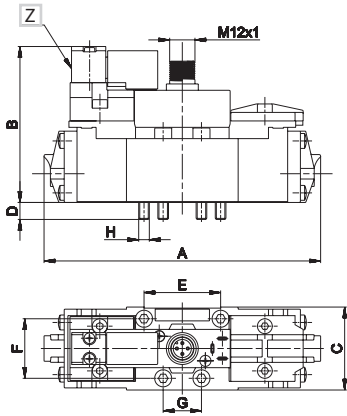
Central electric connector M12x1  
 IP 65 protection degree  
 24 V DC voltage  
 2,5 W nominal power  
 DD-052\*\* series coil (without faston)  
 ED 100%  
 LED indicator



Available upon request other voltages max 48 V DC

**Single electric impulse**

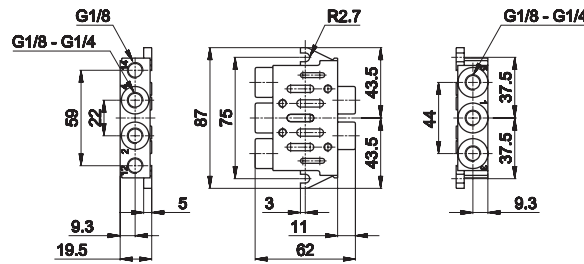
**Double electric impulse**



	ISO 1	ISO 2	ISO 3
A	128	145	191
B	73	73	90
C	39	52	64
D	5	5	10
E	36	48	64
F	28	38	48
G	18	24	32
H	M5x38	M6x35	M8x50

Z - Single-position manual pushbutton control

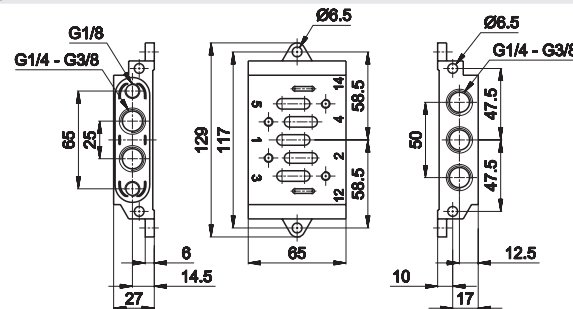
**ISO 1 - Single sub-base, side connections**



- 1= Supply port
- 2 - 4 = Use
- 3 - 5 = Exhaust
- 12 - 14 = Pilots

Code	Note	Connection	Material	Weight kg
BF-1060	in line connections	G1/8	Zamak	0,25
BF-1061	in line connections	G1/4	Zamak	0,25

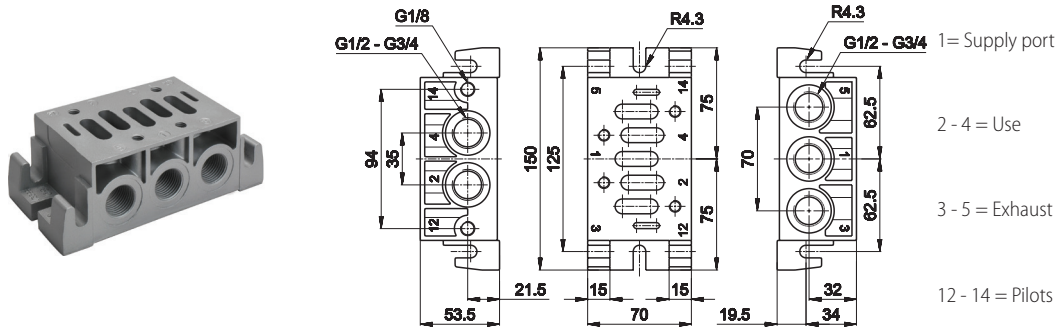
**ISO 2 - Single sub-base, side connections**



- 1= Supply port
- 2 - 4 = Use
- 3 - 5 = Exhaust
- 12 - 14 = Pilots

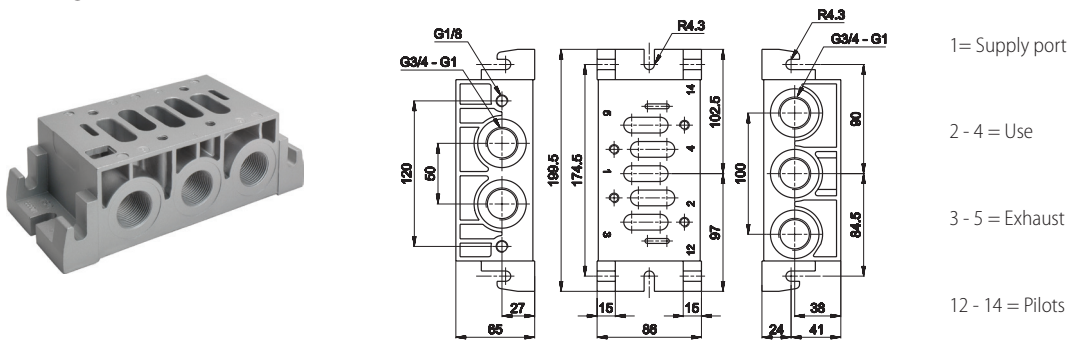
Code	Note	Connection	Material	Weight kg
BF-1150	in line connections	G1/4	Zamak	0,65
BF-1151	in line connections	G3/8	Zamak	0,65

ISO 3 - Single sub-base, side connections



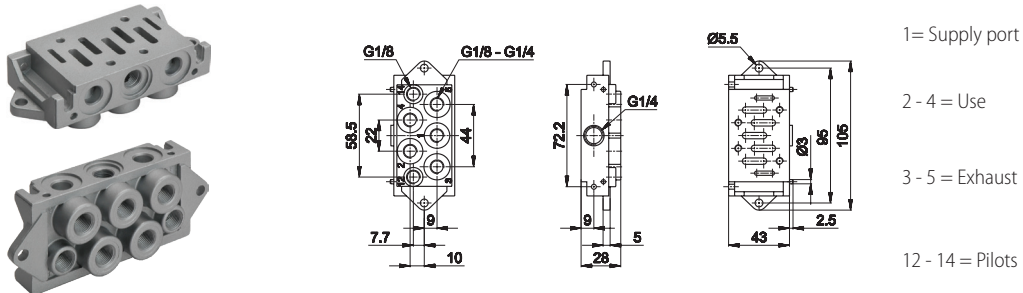
Code	Note	Connection	Material	Weight kg
BF-3063	in line connections	G1/2	Aluminium	0,74
BF-3061	in line connections	G3/4	Aluminium	0,74

ISO 4 - Single sub-base, side connections



Code	Note	Connection	Material	Weight kg
BF-4060	in line connections	G3/4	Aluminium	1,28
BF-4061	dorsal and side connections	G1	Aluminium	1,28

ISO 1 - Single modular or Manifold sub-base, dorsal connections, separate exhausts

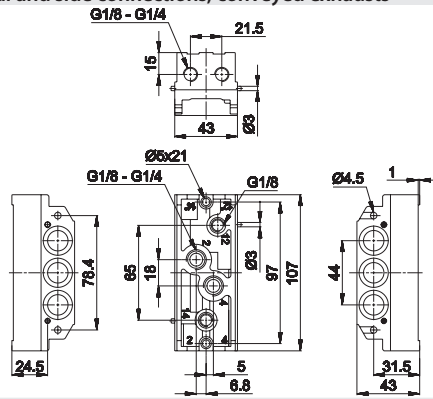
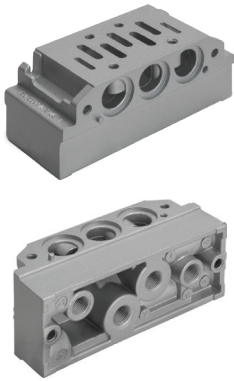


Code	Note	Connection	Material	Weight kg
BF-1062	dorsal connections	G1/8	Zamak	0,35
BF-1063	dorsal connections	G1/4	Zamak	0,33

Single assembly: close side ports (G1/8 - G1/4). Manifold assembly with common inlet: close dorsal connections n.1. With incorporated screws and seal



ISO 1 - Manifold universal system sub-base, dorsal and side connections, conveyed exhausts



1 = Supply port

2 - 4 = Use

3 - 5 = Exhaust

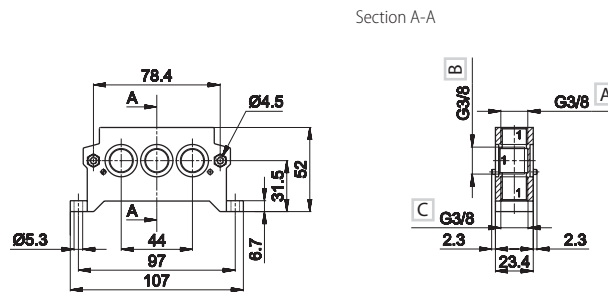
12 - 14 = Pilots

12\* - 14\* = Side pilots

Code	Note	Connection	Material	Weight kg
BF-1071	dorsal and side connections	G1/8	Aluminium	0,28
BF-1072	dorsal and side connections	G1/4	Aluminium	0,28
BF-1071S	side pneumatic impulses	G1/8	Aluminium	0,30
BF-1072S	side pneumatic impulses	G1/4	Aluminium	0,30

Dorsal and side connections possible. Close unused ports with caps. With incorporated screws, seals and caps included

ISO 1 - Manifold universal system inlet plate



1 = Supply port

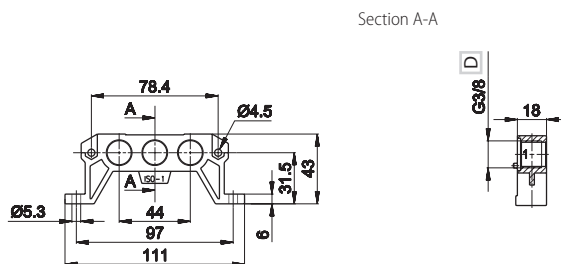
3 - 5 = Exhaust

A - On top connections

B - In line connections

C - Dorsal connetions

Code	Note	Connection	Material	Weight kg
BF-1065	on top connections	G3/8	Zamak	0,35
BF-1066	dorsal connections	G3/8	Zamak	0,35



1 = Supply port

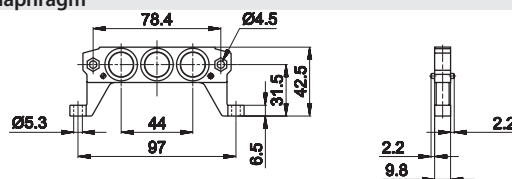
3 - 5 = Exhaust

D - Outlets in-line only

Code	Note	Connection	Material	Weight kg
BF-1068	only in line connections	G3/8	Aluminium	0,12

When battery exceeds 4 units, the mounting of 2 plates is recommended  
Mixed version available upon request. With incorporated screws and seal

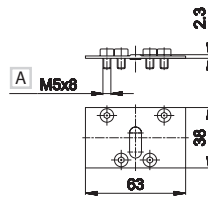
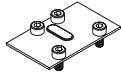
ISO 1 - Manifold universal system diaphragm



The diaphragm is not only the end plate of the manifold but it is also coupled with the exhaust regulator to separate two sub-bases and regulate the valves independently. In this case break the central blind hole.  
To get two or more pressures, break the two side blind holes.

Code	Note	Connection	Material	Weight kg
BF-1070	-	-	Zamak	0,09

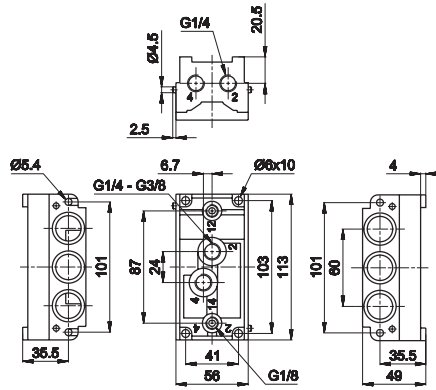
BF-1085



A - ISO 4762

ISO 1 - Closing plate for sub-base 1  
material: steel  
weight: 0,03 Kg (for all sub-base versions)

ISO 2 - Manifold universal system sub-base, dorsal and side connections, conveyed exhausts



1= Supply port

2 - 4 = Use

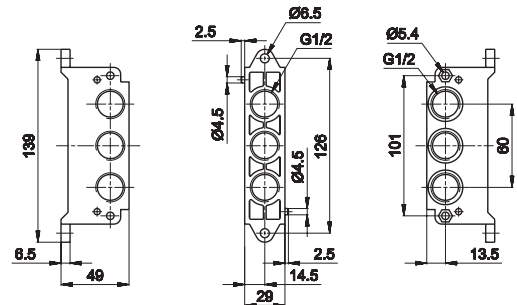
3 - 5= Exhaust

12 - 14 = Pilots

Code	Note	Connection	Material	Weight kg
BF-1160	Dorsal and side connections	G1/4	Zama	0,80
BF-1161	Dorsal and side connections	G3/8	Zama	0,80

Dorsal and side connections possible. Close unused ports with caps. With incorporated screw, seals and caps included

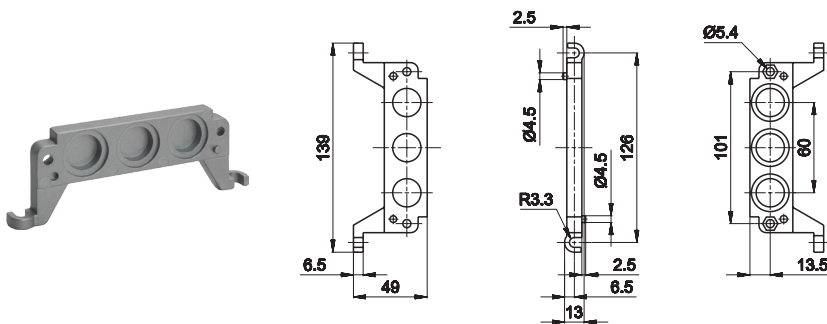
ISO 2 - Manifold Universal system inlet plate



Code	Note	Connection	Material	Weight kg
BF-1154	In line connections	G1/2	Zamak	0,46
BF-1155	Dorsal connections	G1/2	Zamak	0,46

The diaphragm, in addition to being the terminal plate of the battery, is coupled to the discharge regulator in order to separate one sub-base from the other, allowing the valves to be adjusted individually. In this case, break the central blind hole. It also acts as a diaphragm to obtain two or more pressures. In this case, break the two side blind holes.

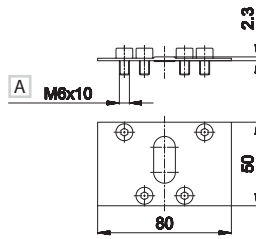
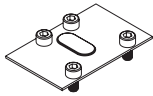
ISO 2 - Manifold universal system diaphragm



The diaphragm is not only the end plate of the manifold but it is also coupled with the exhaust regulator to separate two sub-bases and regulate the valves independently. In this case break the central blind hole. To get two or more pressures, break the two side blind holes..

Code	Note	Connection	Material	Weight kg
BF-1162	-	-	Zamak	0,16

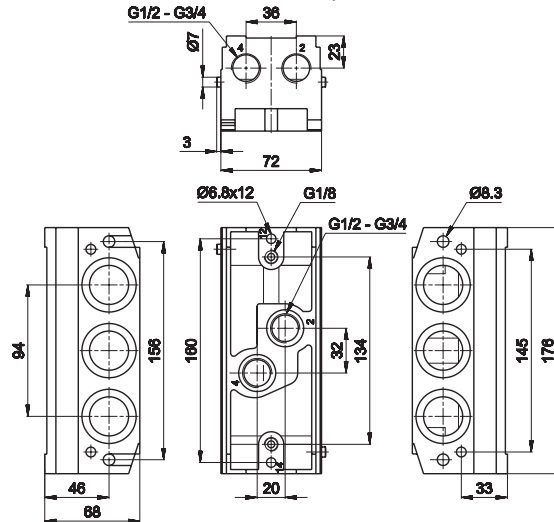
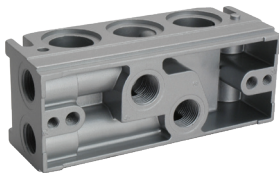
BF-1175



A - ISO 4762

ISO 2 - Closing plate for sub-base 2  
material: steel  
weight: 0,05 Kg (for all sub-base versions)

ISO 3 - Manifold universal system sub-base, dorsal and side connections, conveyed exhausts



1 = Supply port

2 - 4 = Use

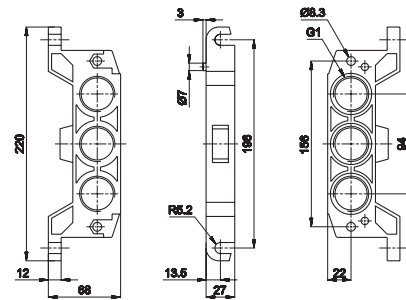
3 - 5 = Exhaust

12 - 14 = Pilots

Code	Note	Connessione	Materiale	Peso kg
BF-3071	dorsal and side connections	G1/2	Aluminium	1,10
BF-3072	dorsal and side connections	G3/4	Aluminium	1,10

Dorsal and side connections possible. Close unused ports with caps. With incorporated screws, seals and caps included

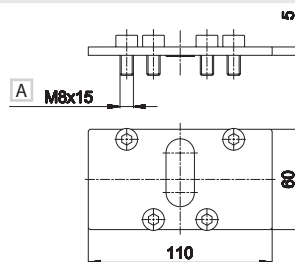
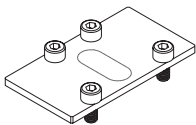
ISO 3 - Manifold Universal system inlet plate



Code	Note	Connessione	Materiale	Peso kg
BF-3064	in line connections	G1	Aluminium	0,44

When battery exceeds 4 units, the mounting of 2 plates is recommended. Mixed version available upon request. With incorporated screws and seals

BF-3175



A - ISO 4762

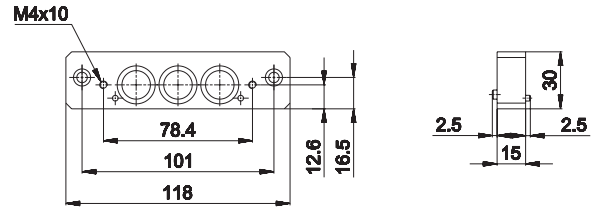
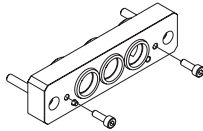
ISO 3 - Closing plate for sub-base 3  
material: steel  
weight: 0,08 Kg (for all sub-base versions)

BF-3082



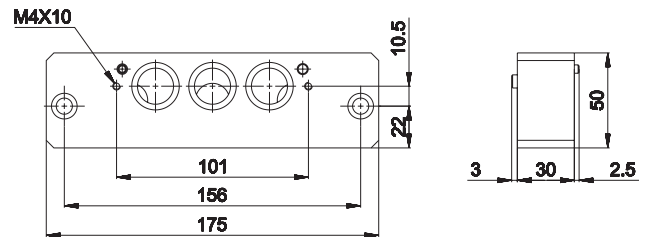
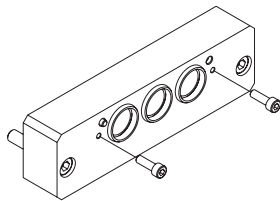
ISO 3 - Universal system Cap  
 material: steel  
 weight: 0,20 Kg  
 To be used to reach two pressures

BF-1190



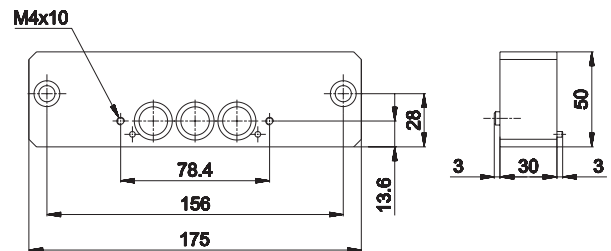
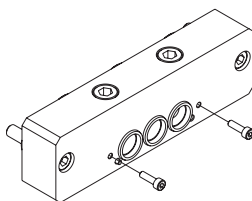
Connecting interface for universal sub-bases size 1 and 2  
 material: steel  
 weight: 0,11 Kg  
 It allows the use of size 1 and 2 valves in one manifold with conveyed pressure and exhausts. (Upon request: pressure and/or exhausts separated)

BF-3190



Connecting interface for universal sub-bases size 2 and 3  
 material: steel  
 weight: 0,57 Kg  
 It allows the use of size 2 and 3 valves in one manifold with conveyed pressure and exhausts. (Upon request: pressure and/or exhausts separated)

BF-3191



Connecting interface for universal sub-bases size 1 and 3  
 material: steel  
 weight: 0,57 Kg  
 It allows the use of size 1 and 3 valves in one manifold with conveyed pressure and exhausts. (Upon request: pressure and/or exhausts separated)

**Coil**

CSA/UL

Possibility of replacement without intervention in the pneumatic circuit  
 Other voltages available upon request

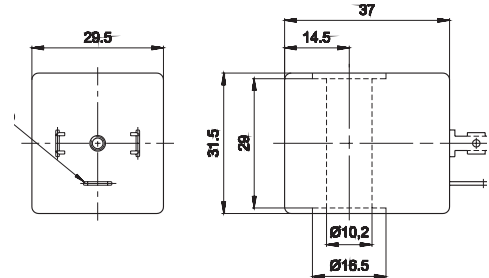
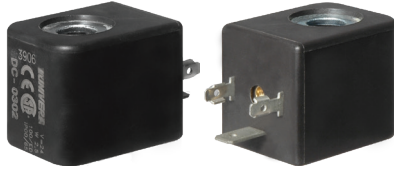
360° rotation on the pilot. Coil winding: H class

Ambient temperature: -10 ÷ +45 °C. Fluid temperature: -10 ÷ +95 °C.

The solenoid valves functioning with 100V-230V must be incorporated (EN60204-1)

Under continuous service a maximum temperature will not compromise the functioning of the coil provided that the working position is ventilated.

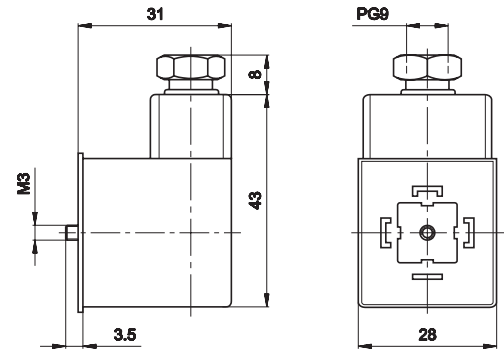
Protection class IP65, if used with connector.


**Coil U3 - lato 30 mm to be used with electropilot BE**


Code	Duty cycle ED (a) %	Power consumption W		Tolerance tension %	Rated voltage	Weight Kg
		Hold	Inrush			
<b>DC-0301</b>	100	2,5	2,5	±10	12 V DC	0,08
<b>DC-0302</b>	100	2,5	2,5	±10	24 V DC	0,08
<b>DC-0307</b>	100	3,3 VA (Max)	5 VA (Max)	±10	24 V AC/50-60 HZ	0,08
<b>DC-0309</b>	100	3,3 VA (Max)	5 VA (Max)	±10	110 V AC/50-60 HZ	0,08
<b>DC-0310</b>	100	3,3 VA (Max)	5 VA (Max)	±10	230 V AC/50-60 HZ	0,08

(a) = 110V - 230V solenoid valves must be built-in (EN-60204-1)

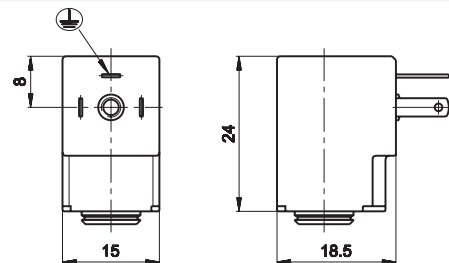
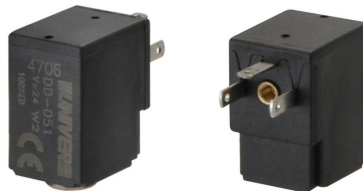
Under continuous service a maximum temperature will not compromise the functioning of the coil provided that the working position is ventilated

**Connector DIN 43650 for coil series U3**


Coil series U3

**AM-5111** Protection according to IP 65. PG9 cable connection. 360° rotation on the coil.

LED available upon request.

**U05 coil, 15 mm, Faston, for BE12 replacement**


Code	Connector	Duty cycle ED (a) %	Power consumption W				Tolerance tension %		Rated voltage		Frequency HZ	Weight Kg
			DC W		AC VA		DC	AC	DC	AC		
			Hold	Inrush	Hold	Inrush						
<b>DD-052</b>	<b>AM-5109</b>	100	2,5	2,5	-	-	±10	-	24	-	-	0,019

Upon request version with LED:

(a) = 110V - 230V solenoid valves must be built-in (EN-60204-1)

Under continuous service a maximum temperature will not compromise the functioning of the coil provided that the working position is ventilated