



DIVERTER VALVES

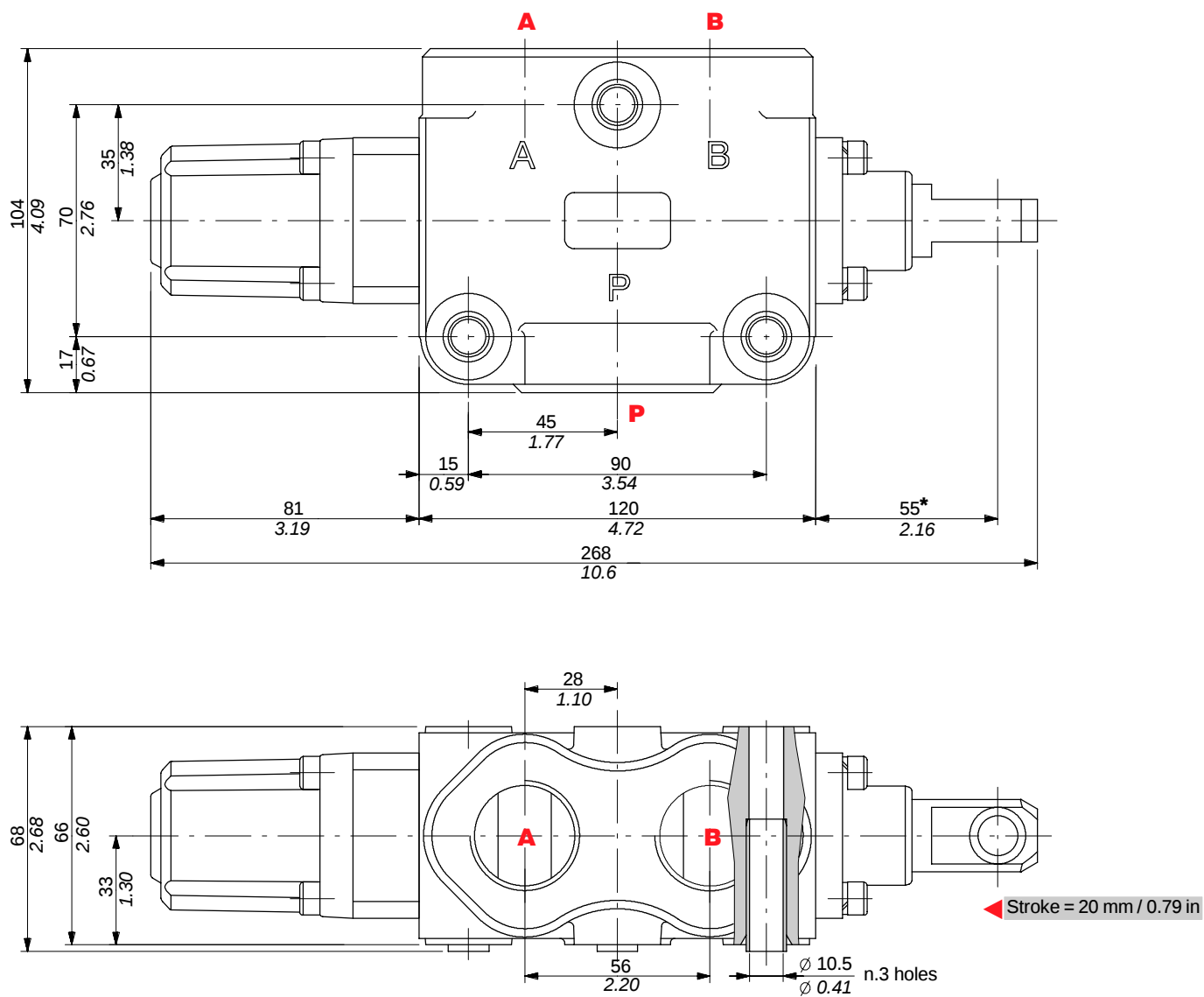
DF

DPE

DH

Dimensional data

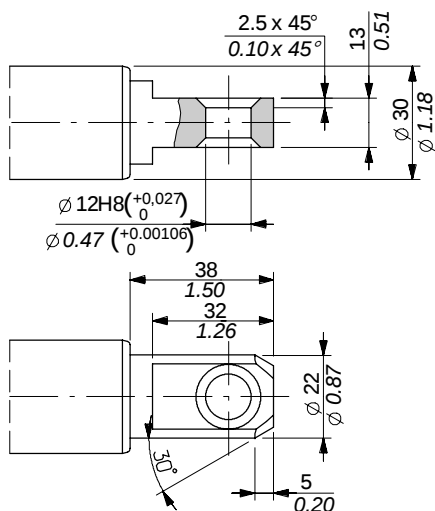
3-way DF25/3 valve



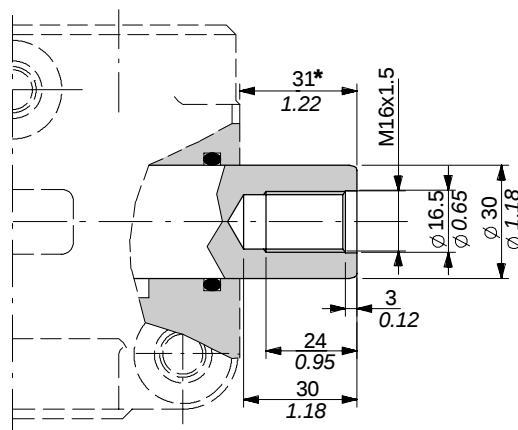
Dimensional data

Spool end

Standard end



Rotary cam prearrangement



NOTA (*) - With spool out (positioner kit type 17)

Ordering codes

Description example :

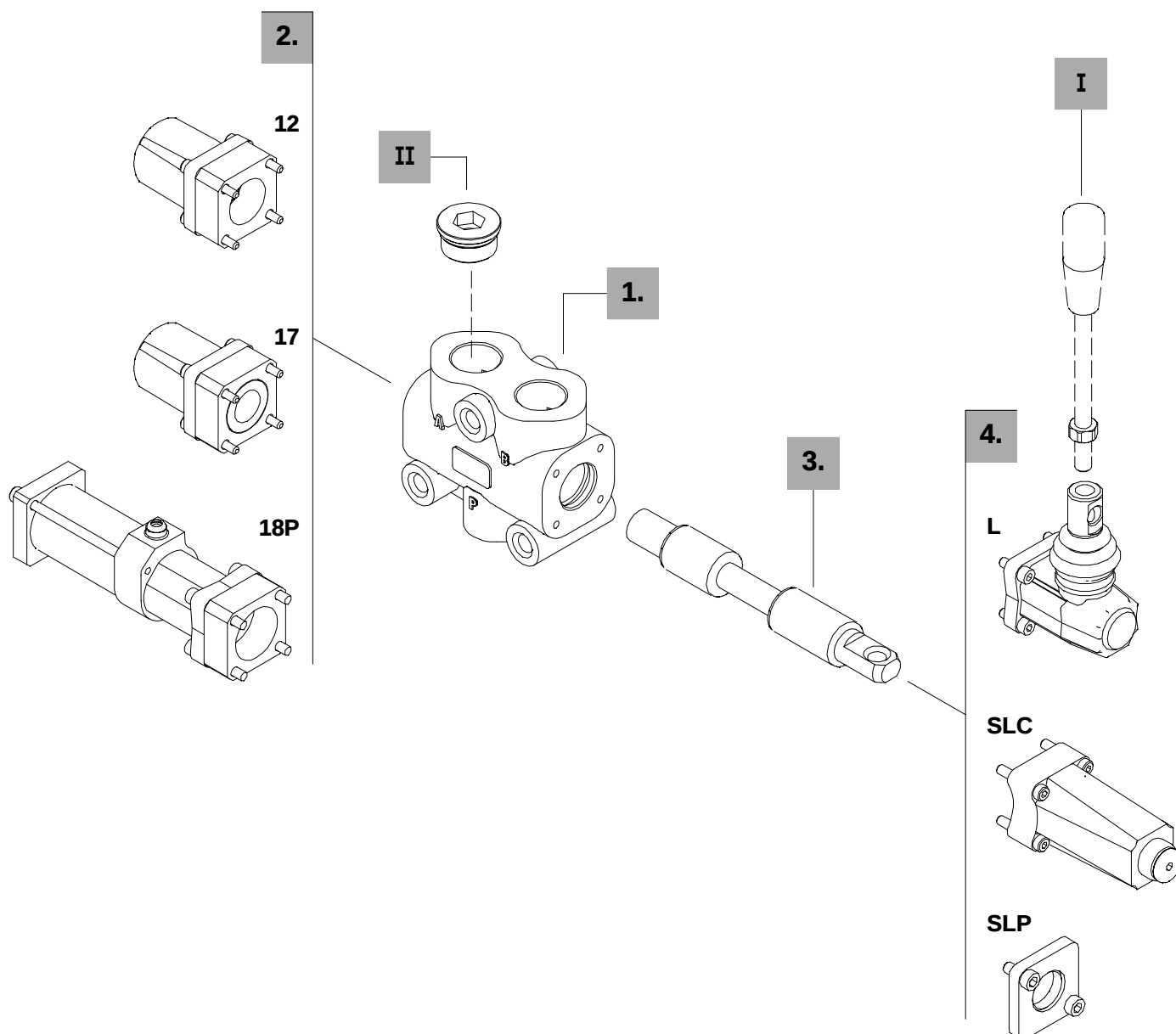
Diverter valve **DF25/3** **A** **17** **SLP**

1.

3.

2.

4.



3-way
1. Body kit *

TYPE	CODE	DESCRIPTION
DF25/3	5CO2271300	Standard body kit

Include body and seals

3. Spool options

TIPO	CODICE	DESCRIZIONE
A	3CAS125310	3-way, 2 positions with ports connected in transit position
B	3CAS125410	3-way, 2 positions with ports closed in transit position
AC	3CAS125320	As type A prearranged for cam control
BC	3CAS125420	As type B prearranged for cam control

2. Positioner kits
page 46

TYPE	CODE	DESCRIPTION
12	5V12125000	Detent in positions 1 and 2
17	5V17125000	Spring return in position 1
18P	5V18125700	ON/OFF pneumatic kit with spring return in position 2
18E11	5V18125350	12VDC ON/OFF electro-hydraulic kit with spring return in position 2
	5V18125351	24VDC ON/OFF electro-hydraulic kit with spring return in position 2

4. Control kits
page 50

TYPE	CODE	DESCRIPTION
SLP	5COP125000	Without lever box with dust-proof plate kit
SLC	5COP220000	Without lever box with endcap
L	5LEV120000	Standard lever box
CB	5CAM125020	Cam control
IA2	5IDR520000*	ON/OFF high pressure hydraulic control
IB2	5IDR720000*	ON/OFF low pressure hydraulic control

I Optional handlever

TYPE	CODE	DESCRIPTION
AL01/M12x200	170013020	For lever L, height 200 mm / 7.87 in

II Ports plug

TYPE	CODE	DESCRIPTION
G1	3XTAP740210*	Body conversion from 3-way to 2-way circuit

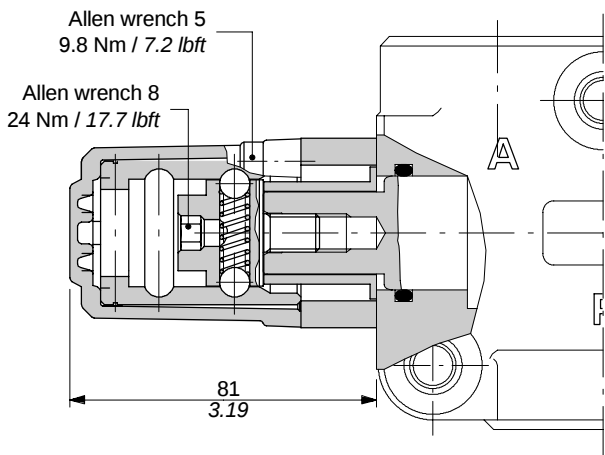
NOTE (*) - Codes are referred to **BSP** thread.

Positioner kits

With detent

12 kit

Detent in positions 1 and 2.



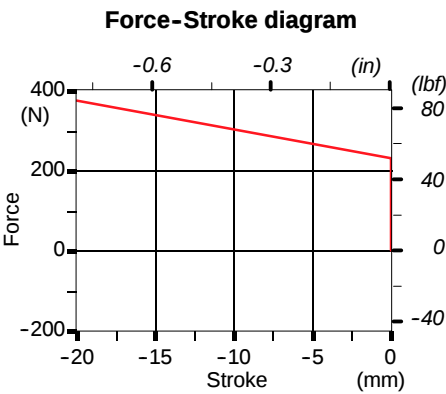
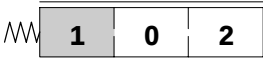
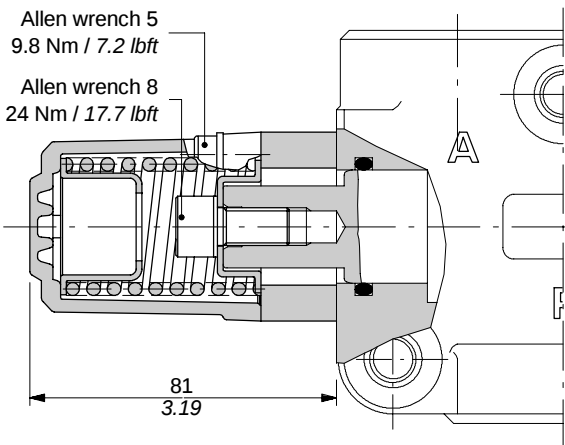
Operating features

Locking and unlocking force : 420 N / 94.4 lbf ±10%

With spring return

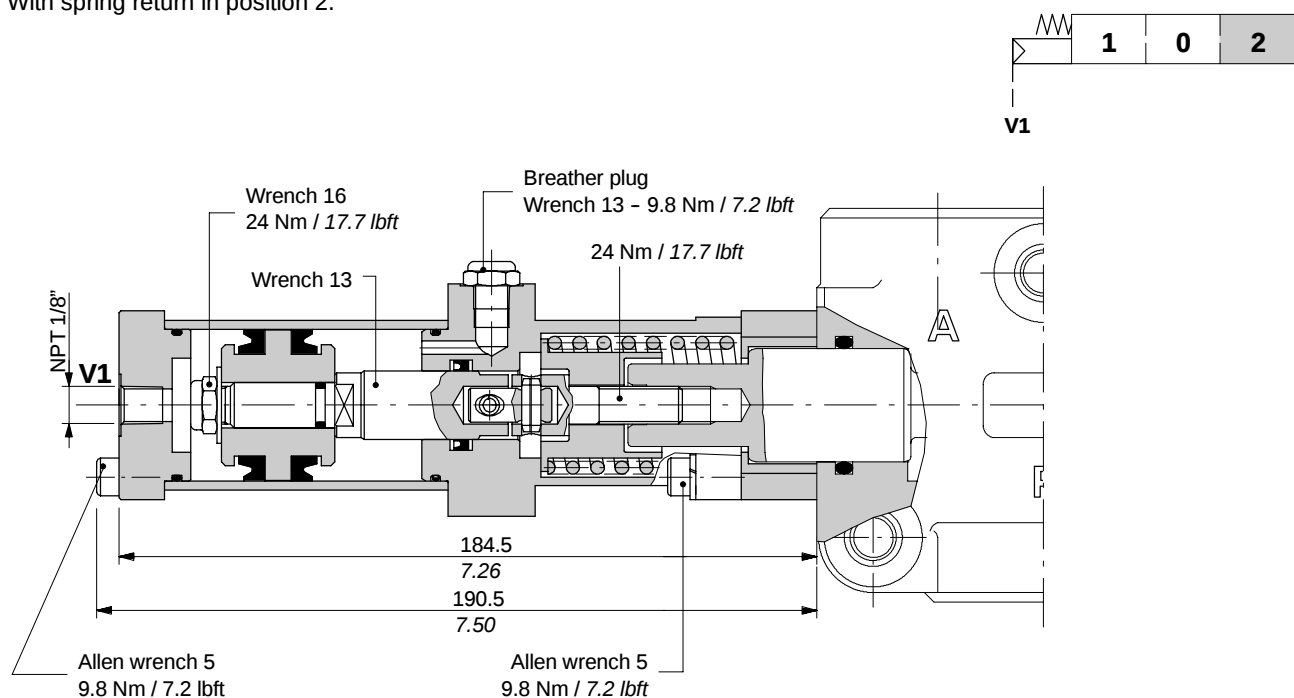
17 kit

Spring return in position 1.



ON/OFF pneumatic kit type 18P

With spring return in position 2.



Operating features

Pilot pressure : min 7 bar / 102 psi
max. 10 bar / 145 psi

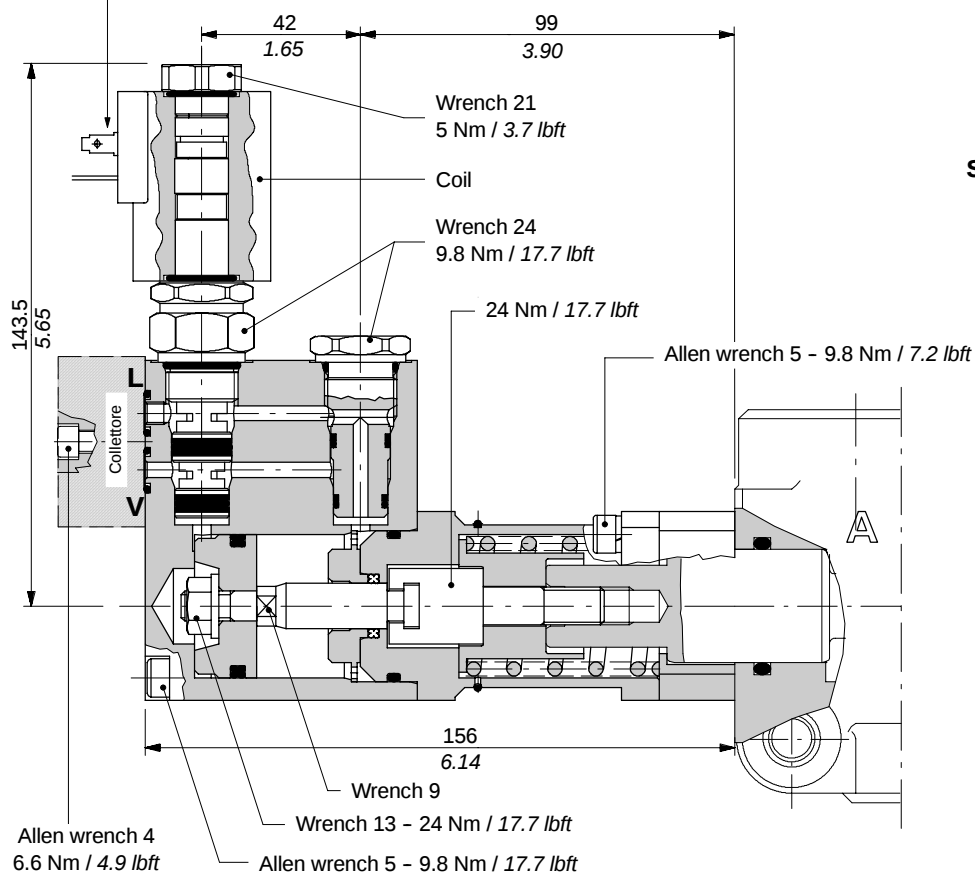
Positioner kits

ON/OFF hydraulic kit type 18E11

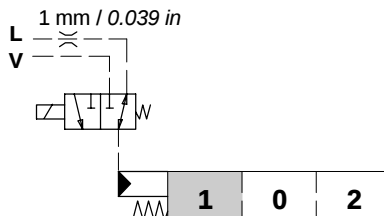
External pilot and drain, with spring return in position 2.

Connection ISO4400

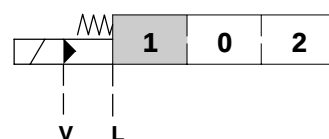
(needs C02 connector, see page 119)



Scheme



Scheme ISO 1219



Operating features

CONTROL

Pilot pressure : min. 10 bar / 145 psi
 : max. 50 bar / 725 psi
 Max backpressure on drain L : 4 bar / 58 psi

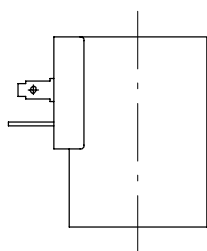
COIL

Nominal voltage tolerance : $\pm 10\%$
 Power rating : 21 W
 Nominal current : 1.75 A - 12 VDC / 0.87 A - 24VDC
 Coil insulation : Class F
 Weather protection : depending on coil model: see next page
 Duty cycle : 100%

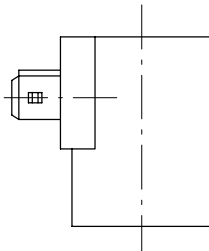
ON/OFF hydraulic kit type 18E11

COIL CODES				
Voltage	CONNECTION TYPE			
	ISO4400	AMP JPT		Deutsch DT
		without diode	with diode	
12 VDC	2XB1400121100	2XB1400121200	2XB1400121210	2XB1400120400
24 VDC	2XB1400241100	2XB1400241200	2XB1400241210	2XB1400240400
Need connector type (page 119)	C02	C08	C08	C19

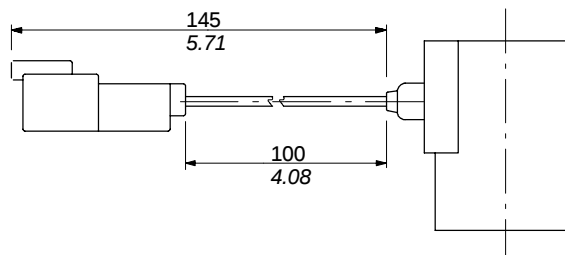
Coil with ISO4400 connection
(weather protection IP65)



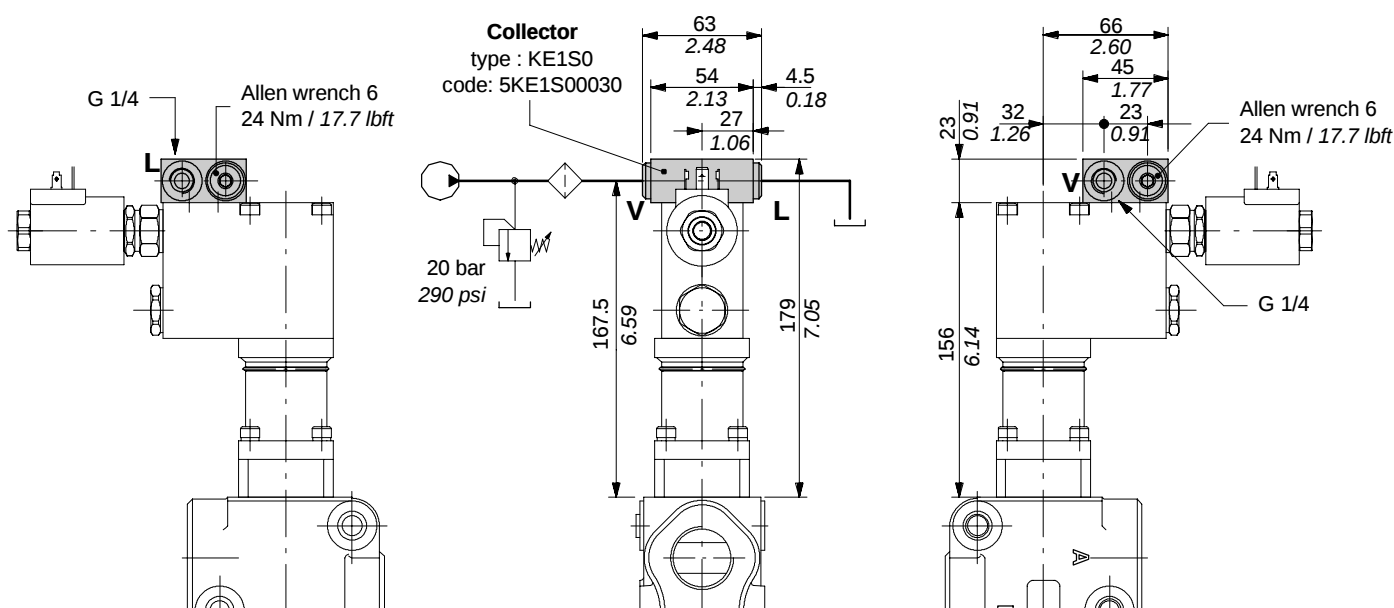
Coil with AMP JPT connection
(weather protection IP65)



Coil with Deutsch DT connection
(weather protection IP67)



Collector kit for external pilot and drain



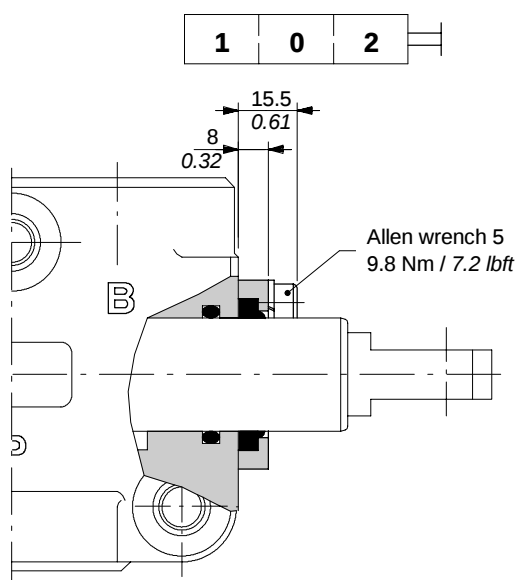
Description example:
DF25/3A18E11SLC/KE1S0-12VDC

Control kits

Controls prearrangement

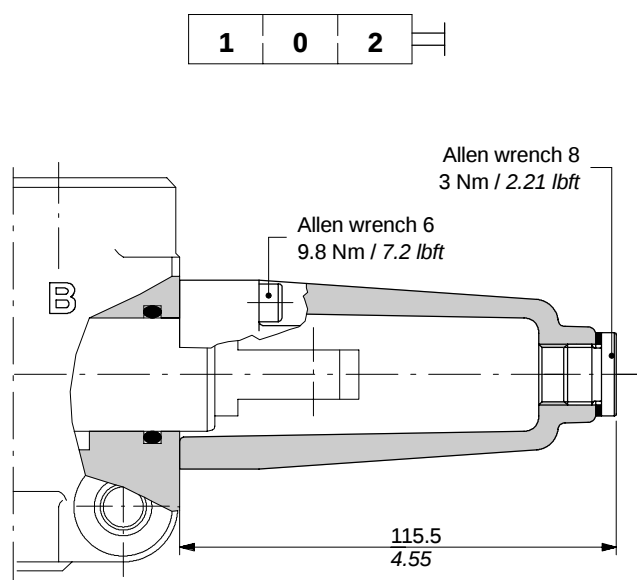
SLP kit

Mechanical control with dust-proof plate.



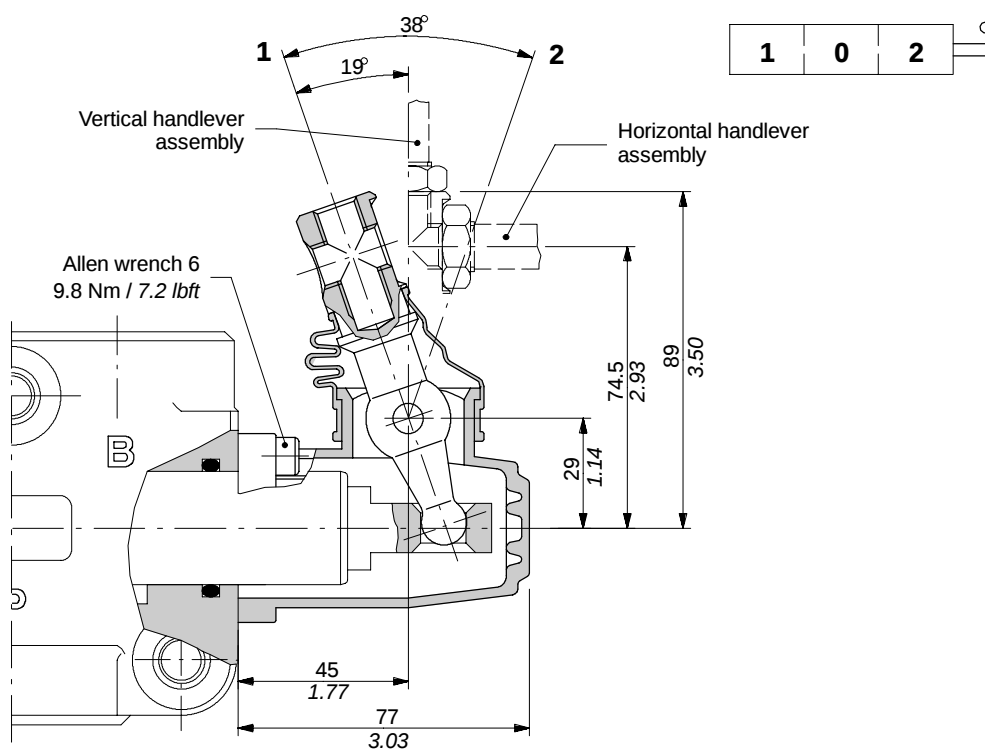
SLC kit

Protection cap usable with pneumatic and hydraulic spool positioner kits.



L lever control

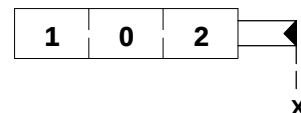
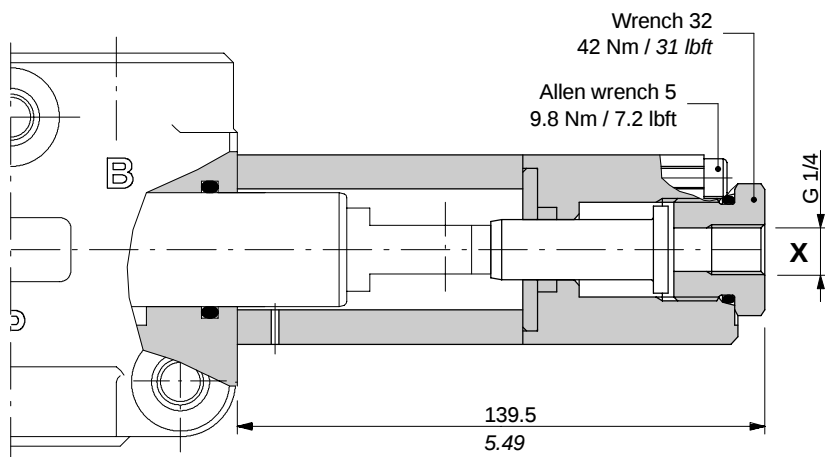
Alumium with protection boot lever pivot box; it can be rotated 180° (execution **L180**).



ON/OFF hydraulic controls

IA2 kit

With high pressure pilot; it must be coupled to 17 kit (see page 46).

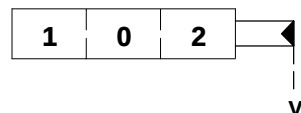
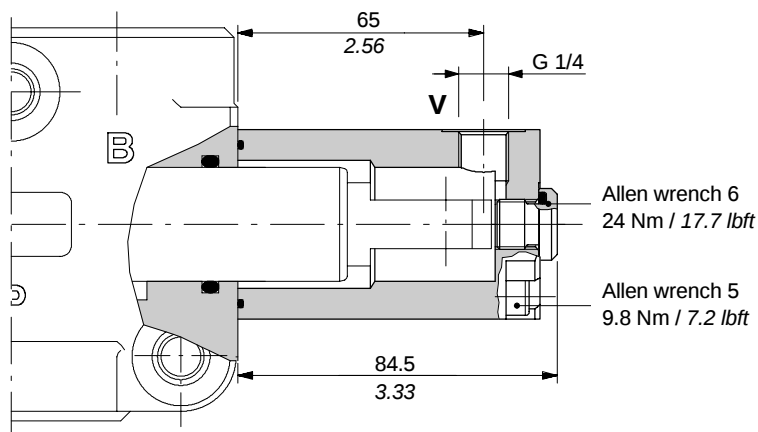


Operating features

Pilot pressure : min. 30 bar / 435 psi
max. 250 bar / 3600 psi

IB2 kit

With low pressure pilot; it must be coupled to 17 kit (see page 46).



Operating features

Pilot pressure : min. 15 bar / 220 psi
max. 50 bar / 725 psi

Positioner kits**CB cam control**

With bronze bearing; it must be coupled to 17 kit (see page 46).

