



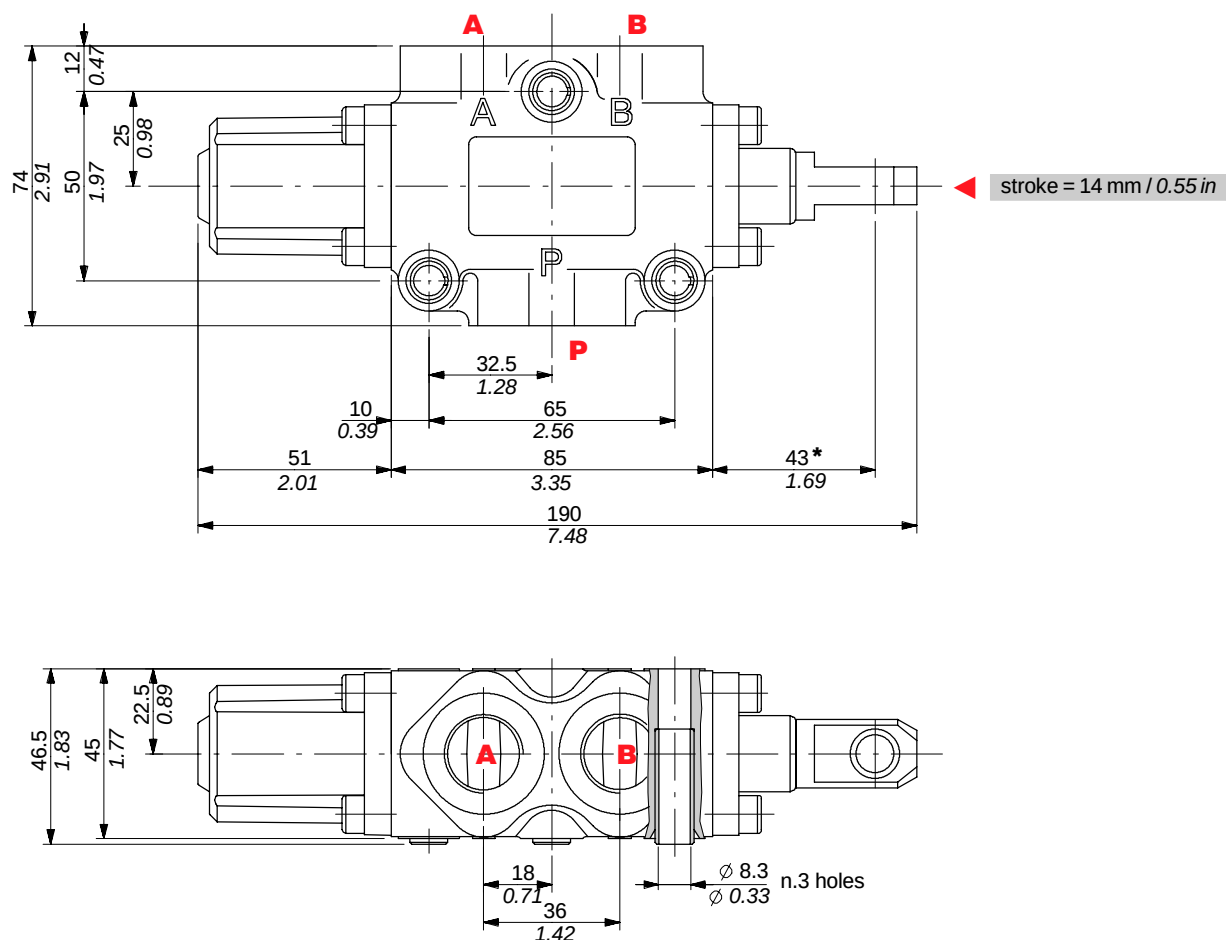
DIVERTER VALVES

DF

DPE

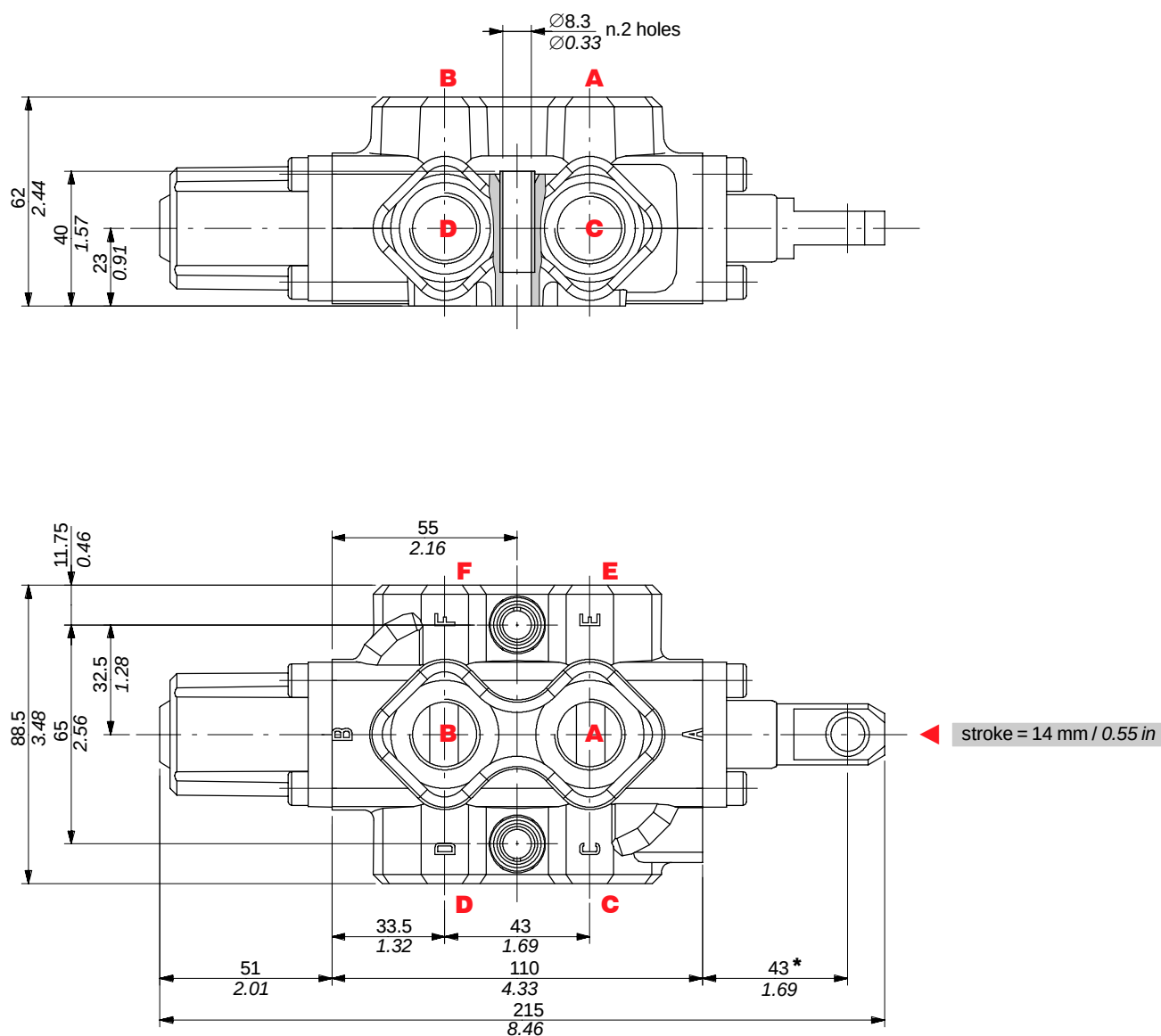
DH

3-way DF10/3 valve



Dimensional data

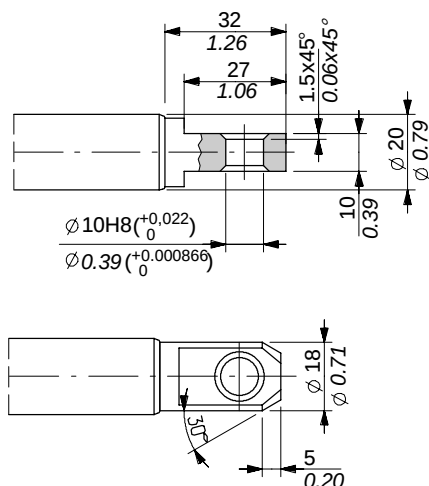
6-way DF10/6 valve



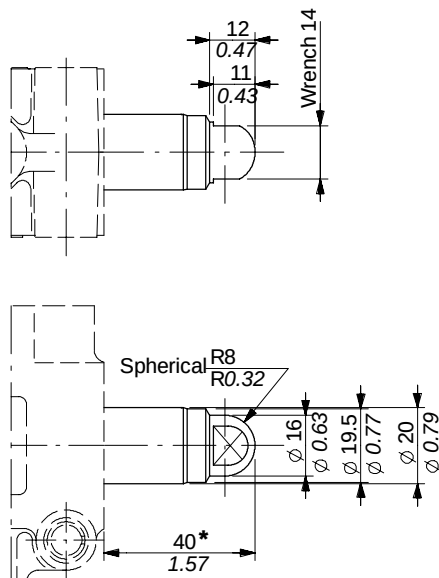
Dimensional data

Spool end

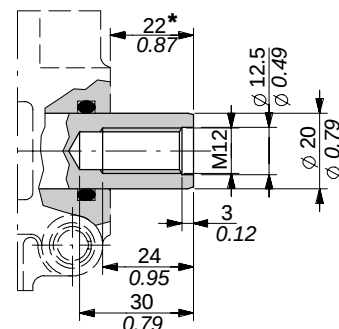
Standard end



Spherical end type T



Rotary cam prearrangement



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

Ordering codes

DEscription example

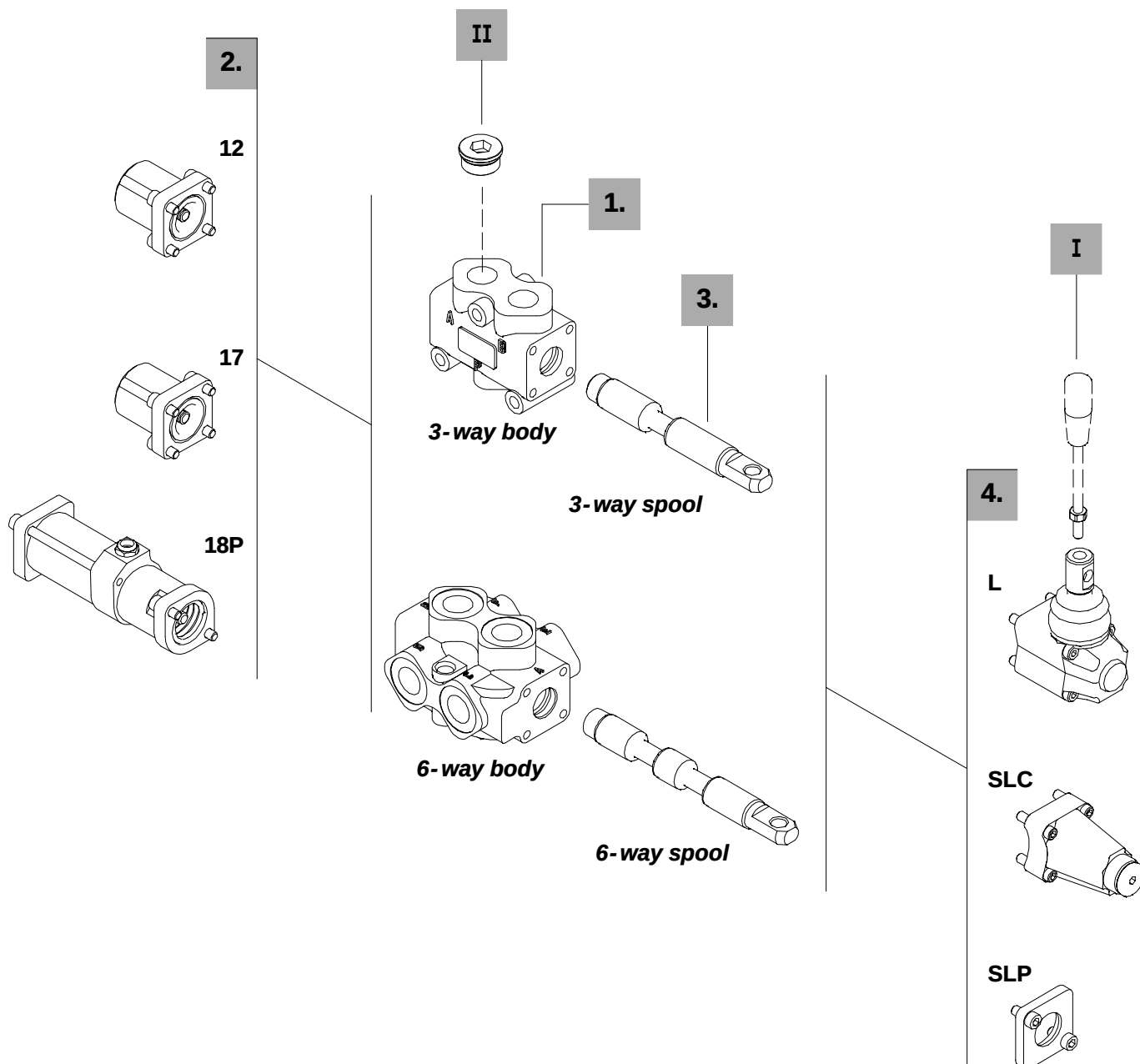
Diverter valve **DF10/3** **A** **17** **SLP**

1.

3.

2.

4.



3-way
1. Body kit *

TYPE	CODE	DESCRIPTION
DF10/3	5CO2241300	Standard body kit

Include body and seals

3. Spool options

TYPE	CODE	DESCRIPTION
A	3CAS110310	3-way, 2 positions with ports connected in transit position
B	3CAS110410	3-way, 2 positions with ports closed in transit position
AT	3CAS110330	As type A with spherical end
AC	3CAS110320	As type A prearranged for cam control
BC	3CAS110420	As type B prearranged for cam control

6-way
1. Body kit *

TYPE	CODE	DESCRIPTION
DF10/6	5CO2242300	Standard body kit

Include body and seals

3. Spool options

TYPE	CODE	DESCRIPTION
A	3CAS110610	6-way, 2 positions with ports connected in transit positions
B	3CAS110710	6-way, 2 positions with ports closed in transit positions
AC	3CAS110620	As type A prearranged for cam control
BC	3CAS110720	As type B prearranged for cam control

2. Positioner kits
page 26

TYPE	CODE	DESCRIPTION
12	5V12110000	Detent in positions 1 and 2
17	5V17110000	Spring return in position 1
18	5V18110000	Spring return in position 2
18P	5V18110710	ON/OFF pneumatic kit with spring return in position 2
18IA1	5V18110821*	ON/OFF high pressure hydraulic kit with spring return in position 2
18IB1	5V18110810*	ON/OFF low pressure hydraulic kit with spring return in position 2

4. Control kits
page 28

TYPE	CODE	DESCRIPTION
SLP	5COP110000	Without lever box with dust-proof plate kit
SLC	5COP210000	Without lever box with endcap
L	5LEV110000	Standard lever box
CB	5CAM110020	Cam control
IA2	5IDR510001*	ON/OFF high pressure hydraulic control
IB2	5IDR710000*	ON/OFF low pressure hydraulic control

I Optional handlever

TYPE	CODE	DESCRIPTION
AL01/M10x200	170012020	For lever L, height 200 mm / 7.87 in

II Ports plug

TYPE	CODE	DESCRIPTION
G1/2	3XTAP727180*	Body conversion from 3-way to 2-way circuit

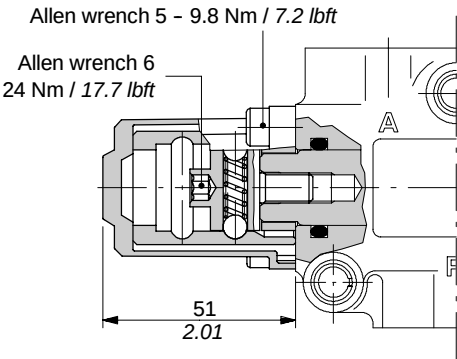
NOTE (*) - Codes are referred to **BSP** thread.

Positioner kits

With detent

12 kit

Detent in positions 1 and 2.

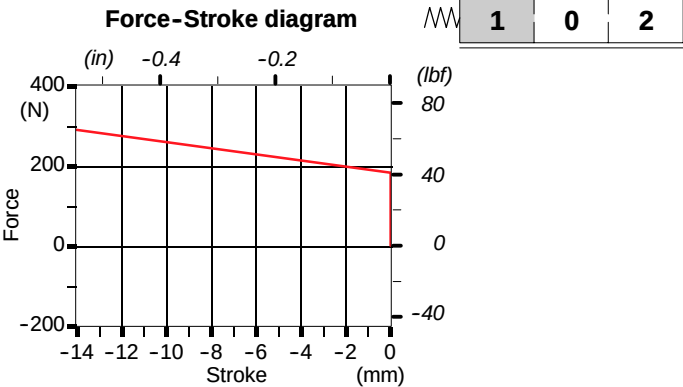
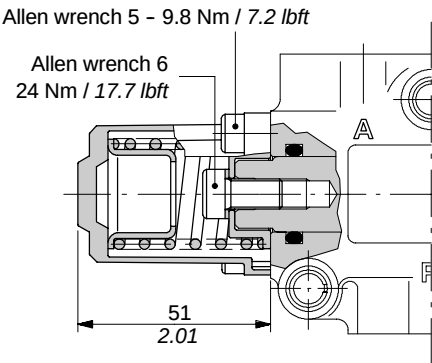


Operating features
 Locking and unlocking force : 280 N / 63 lbf ±10%

With spring return

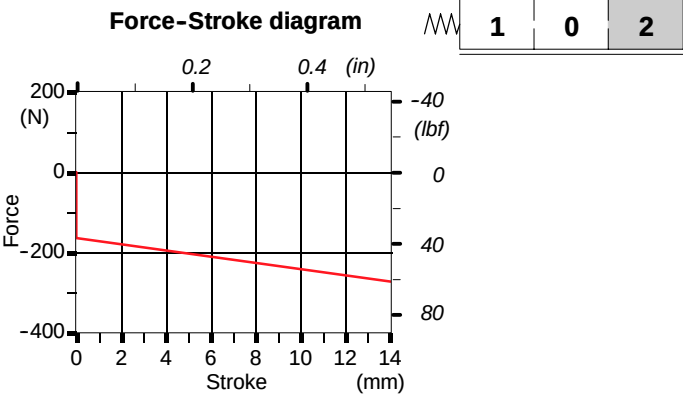
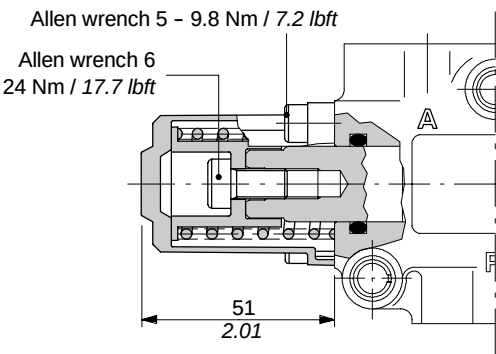
17 kit

Spring return in position 1.



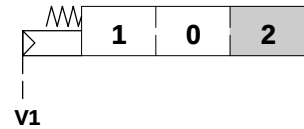
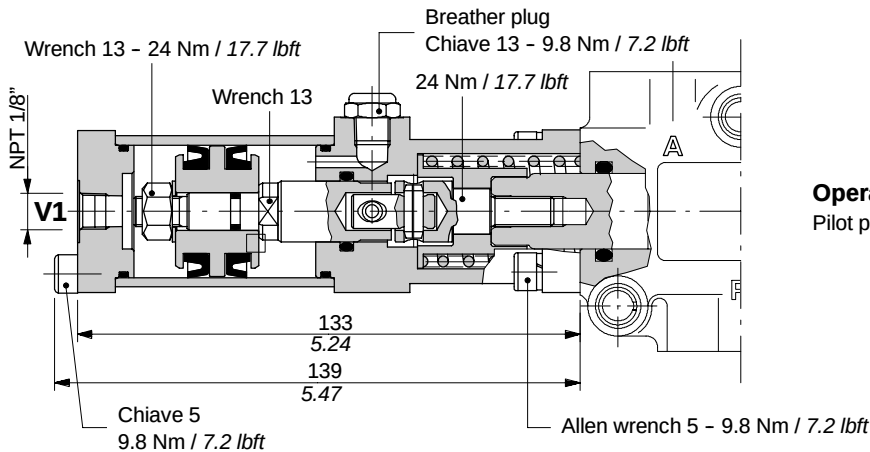
18 kit

Spring return in position 2.



ON/OFF pneumatic kit type 18P

With spring return in position 2.



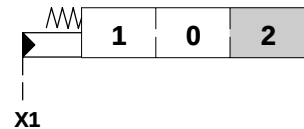
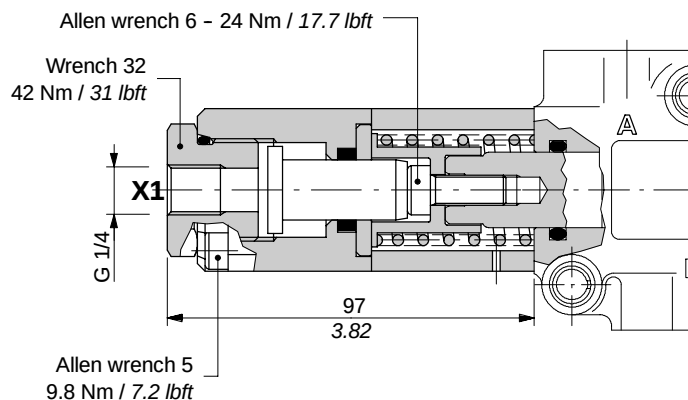
Operating features

Pilot pressure : min. 6 bar / 87 psi
max. 10 bar / 145 psi

With ON/OFF hydraulic control

18IA1 kit

With high pressure pilot and spring return to position 2.

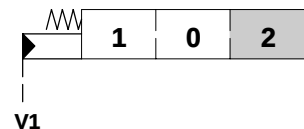
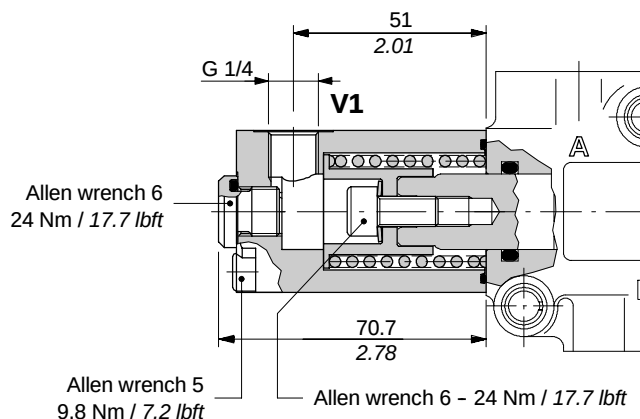


Operating features

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

18IB1 kit

With low pressure pilot and spring return to position 2.



Operating features

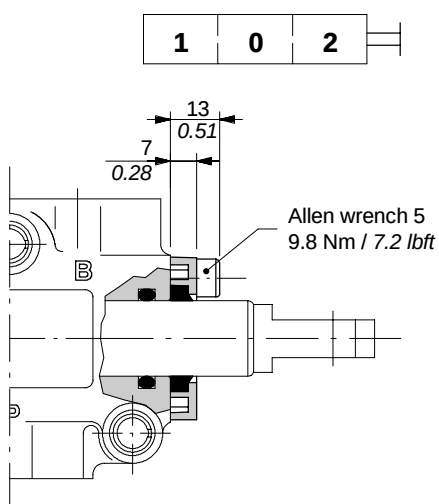
Pilot pressure : min. 15 bar / 220 psi
max. 50 bar / 725 psi

Control kits

Controls prearrangement

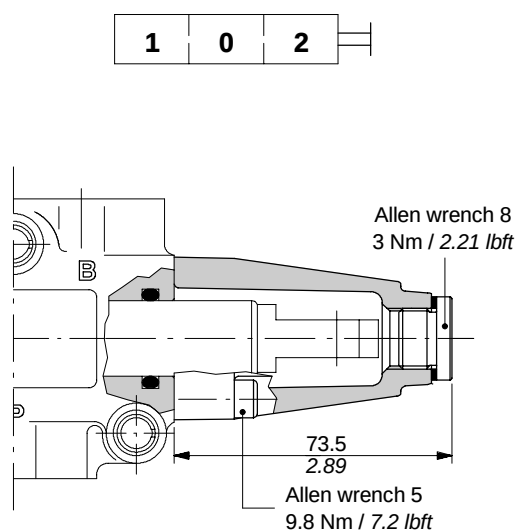
SLP kit

Mechanical control with dust-proof plate.



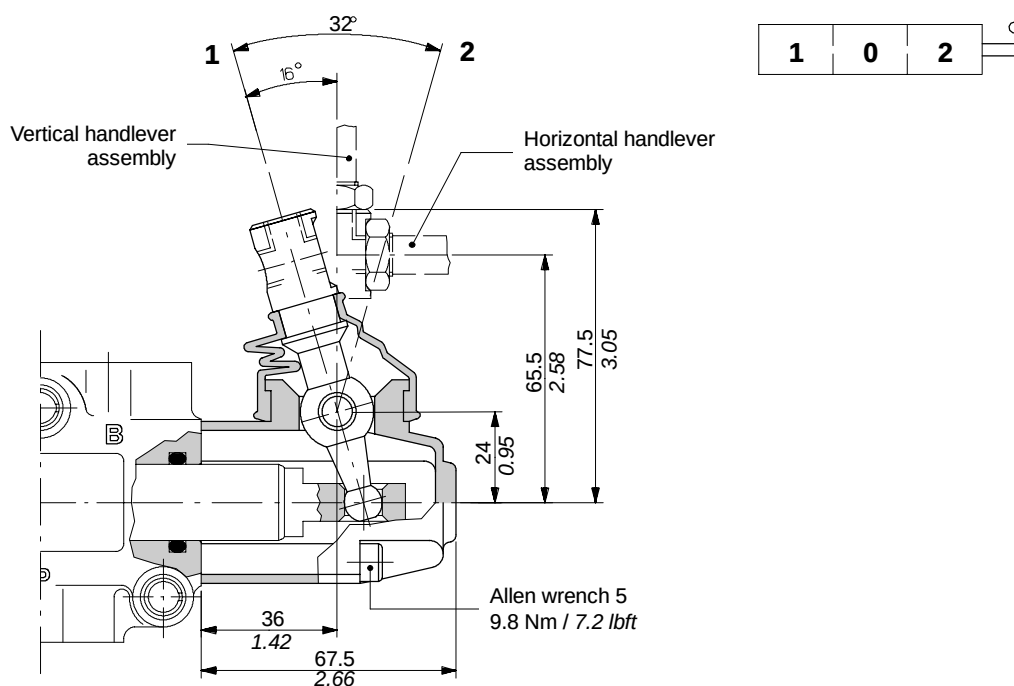
SLC kit

Protection cap usable with pneumatic and hydraulic spool positioner kits.



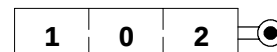
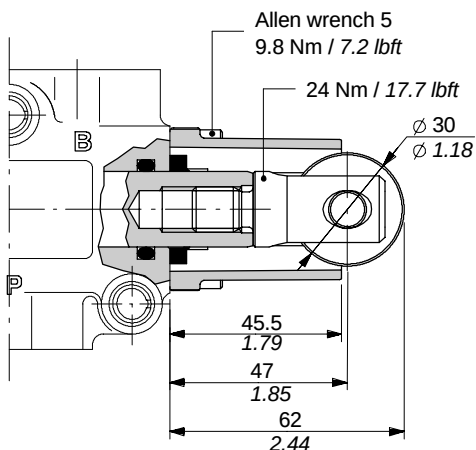
L lever control

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



CB cam control

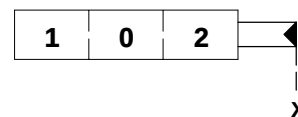
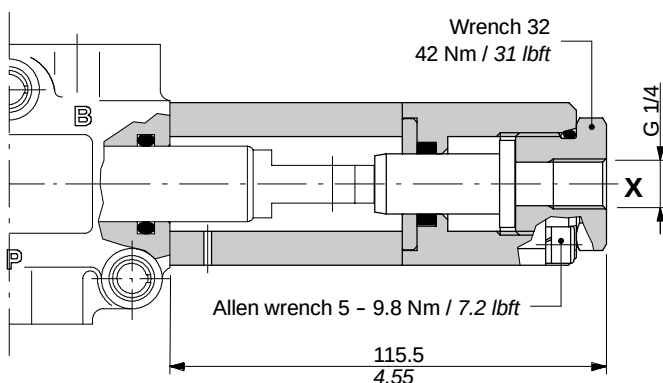
With bronze bearing; it must be coupled to 17 kit (see page 26).



ON/OFF hydraulic controls

IA2 kit

With high pressure pilot; it must be coupled to 17 kit (see page 26).

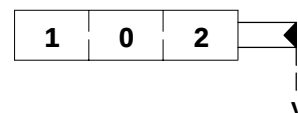
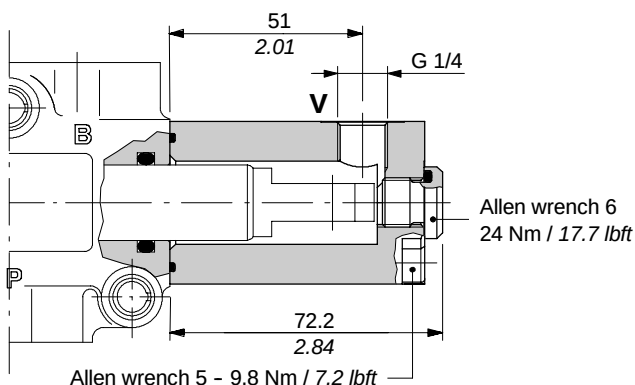


Operating features

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 26).



Operating features

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

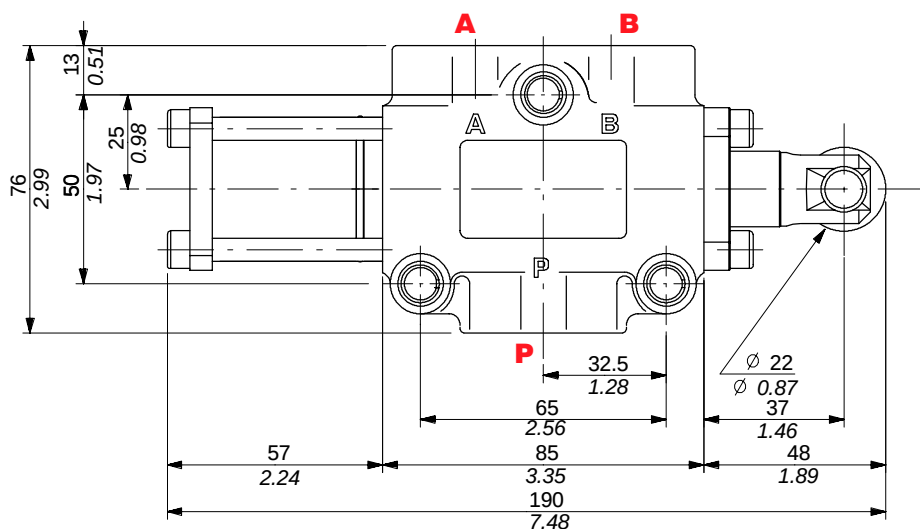
Other executions

Cam spool control suggested for severe applications; it requires a special body, spool and control kit.

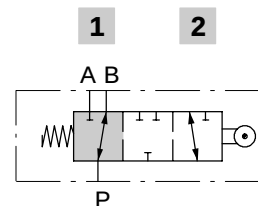
3-way DFC100/3 valve

Complete description: **DFC100/3B17GSLP-<CVN>** code: **124050016**

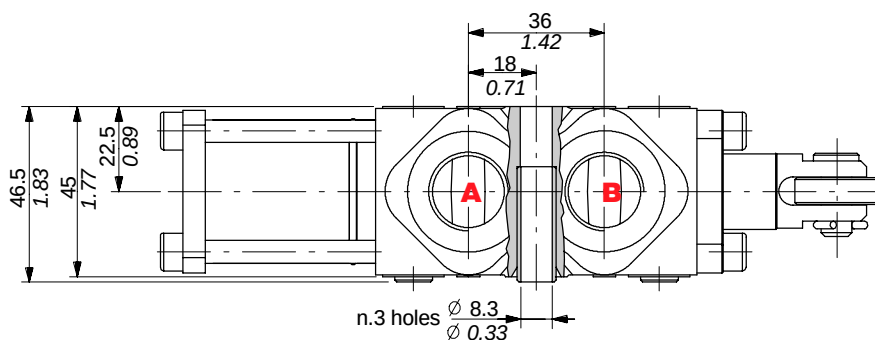
Valve is supplied painted as standard,
with one coat of Primer black antirust paint



Spool type B



Spool in rest position
P → B



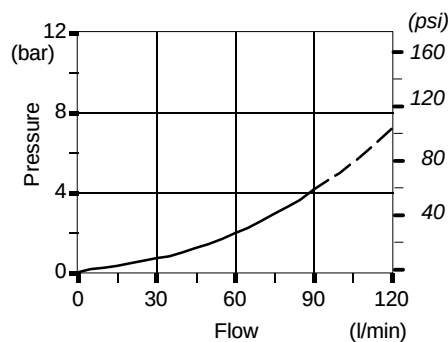
Stroke = 8.5 mm / 0.33 in
P → A (start opening)

Stroke limit = 14 mm / 0.55 in
(full opening)

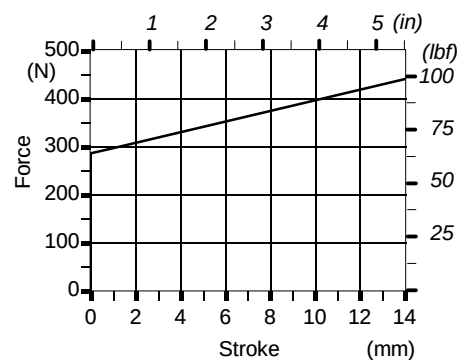
Performance data

Pressure drop versus flow

P → A(B)



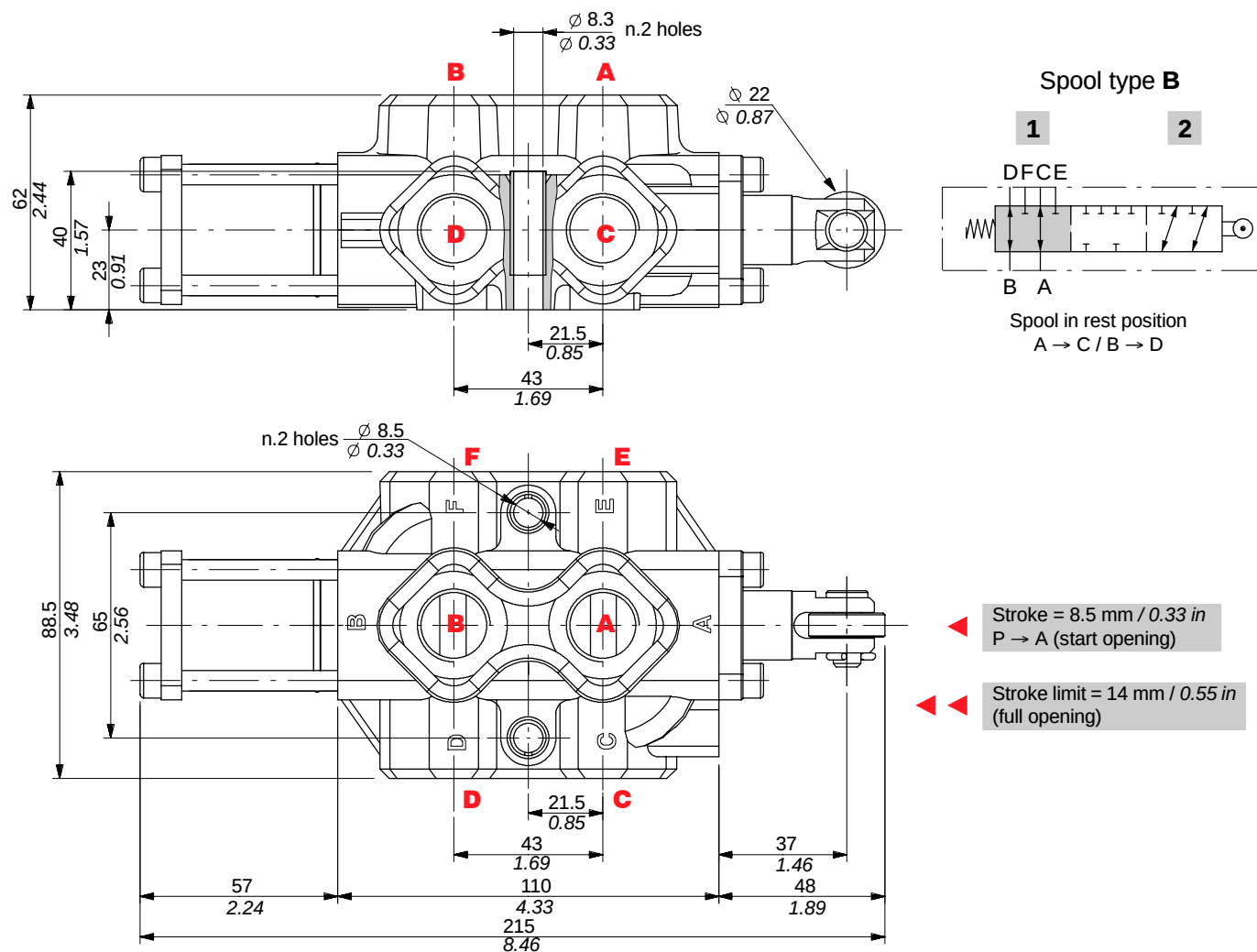
Operating force



6-way DFC100/6 valve

Complete description: **DFC100/6B17GSLP-<CVN>** code: **124080013**

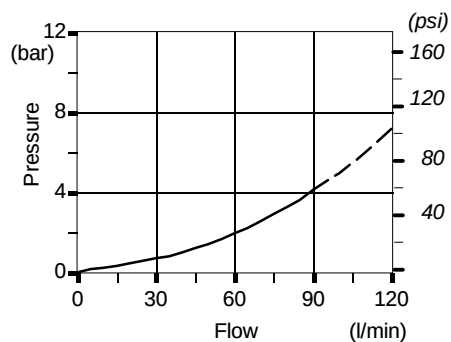
Valve is supplied painted as standard,
with one coat of Primer black antirust paint



Performance data

Pressure drop versus flow

P → A(B)



Operating force

