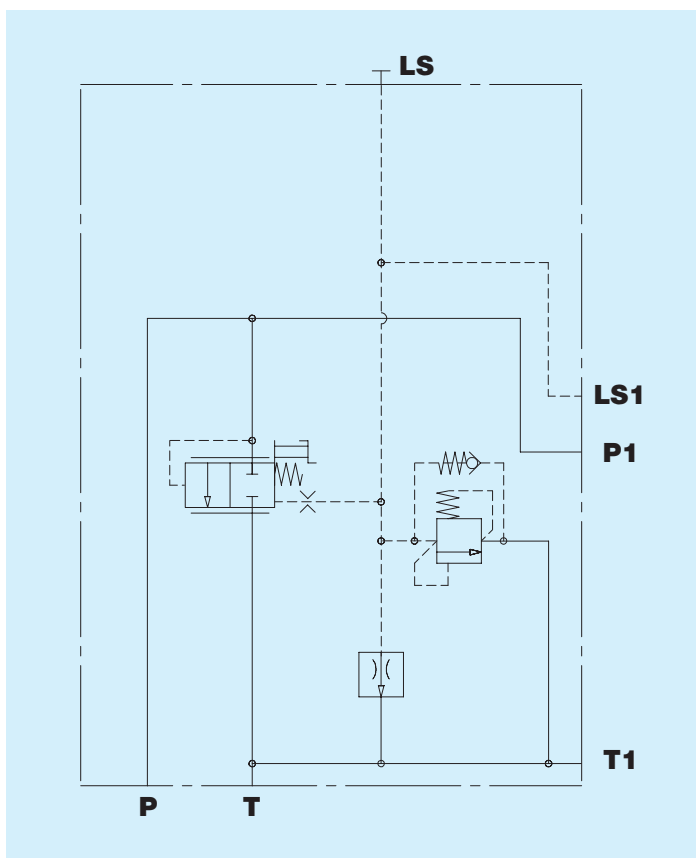


TE10C L.S. Inlet cover with compensator Interface IBW1033 - IBW0511 - TE10P

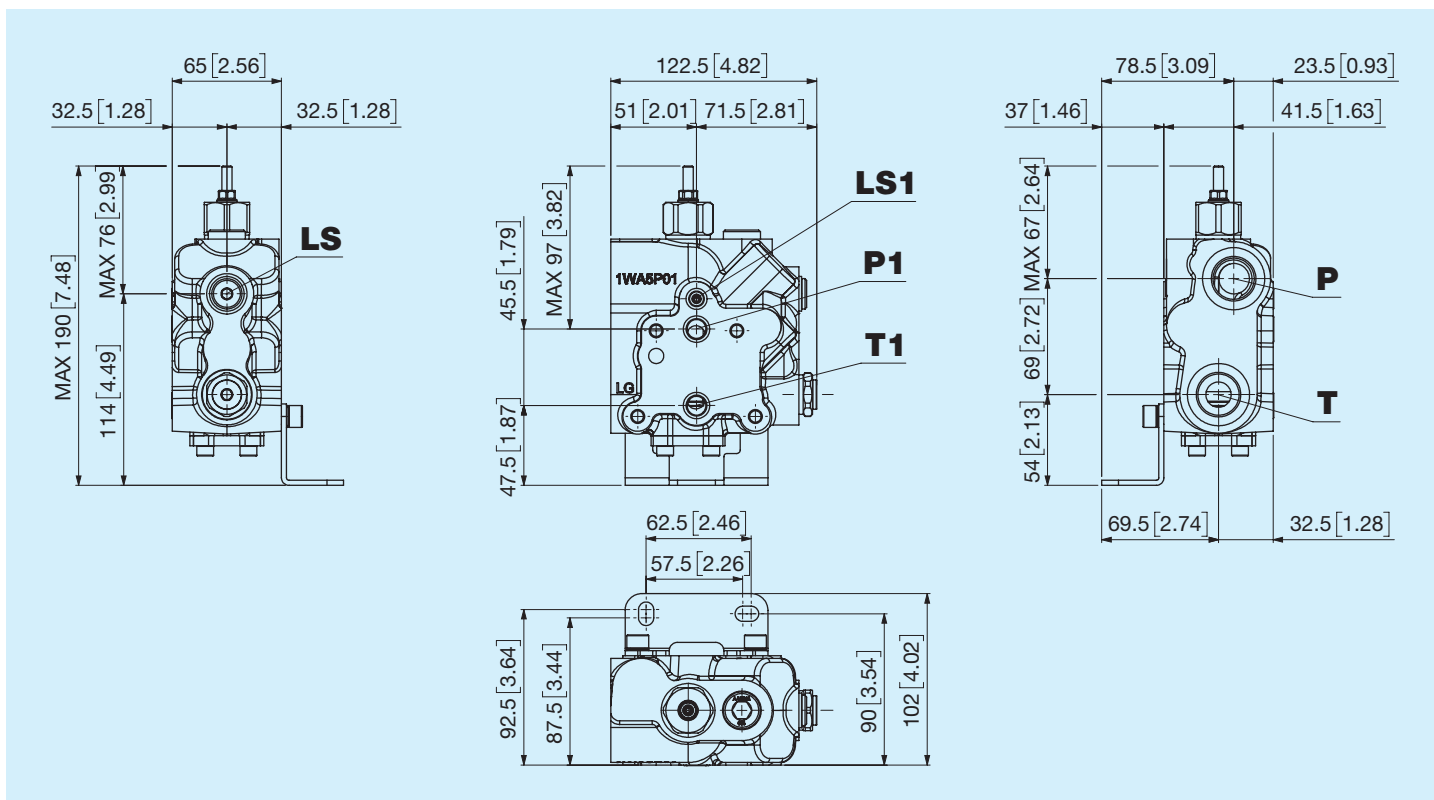


Prior to use, carefully read the document GENERAL USE INSTRUCTIONS FOR DIRECTIONAL CONTROL VALVES

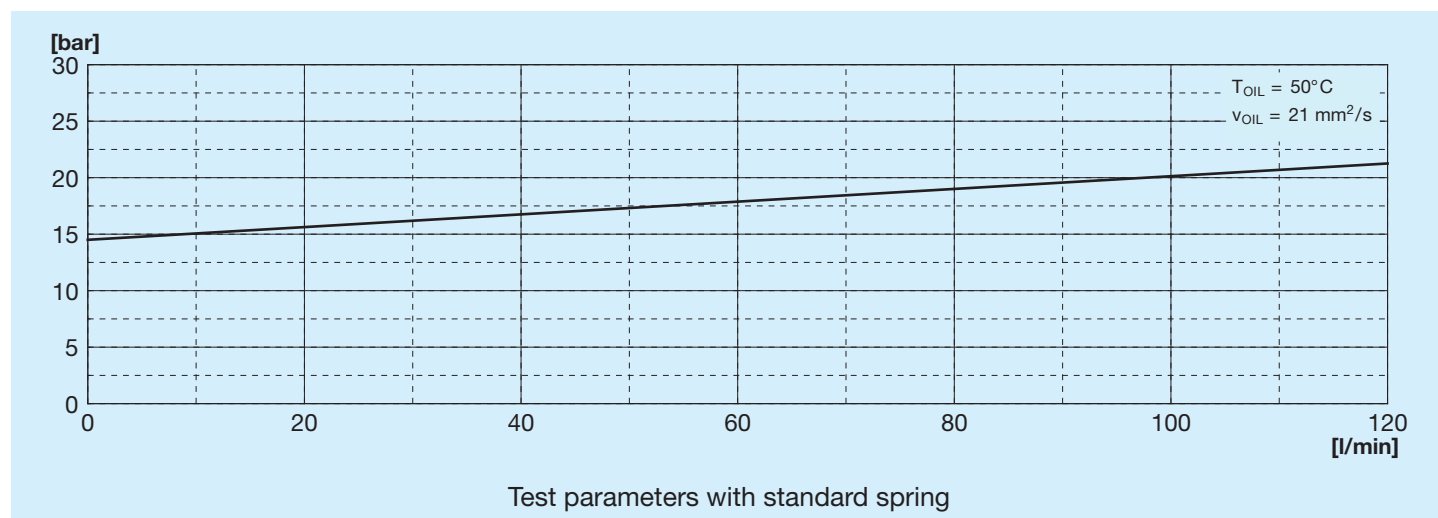
Nominal flow rate	120 l/min 31.7 US gpm
Nominal pressure	250 bar 3625 psi
Maximum tank pressure	50 bar 725 psi
Operating temperature	-20°C +85°C NBR seals (max peak +100°C) -20°C + 130°C HNBR seals
Operating oil viscosity	from 15 mm²/s to 90 mm²/s (15 cSt to 90 cSt)
Fluid	Hydraulic fluids defined by the ISO 6743-4 standard
Weight	5 Kg 11 lb
Interface	IBW1033 - IBW0511 - TE10P



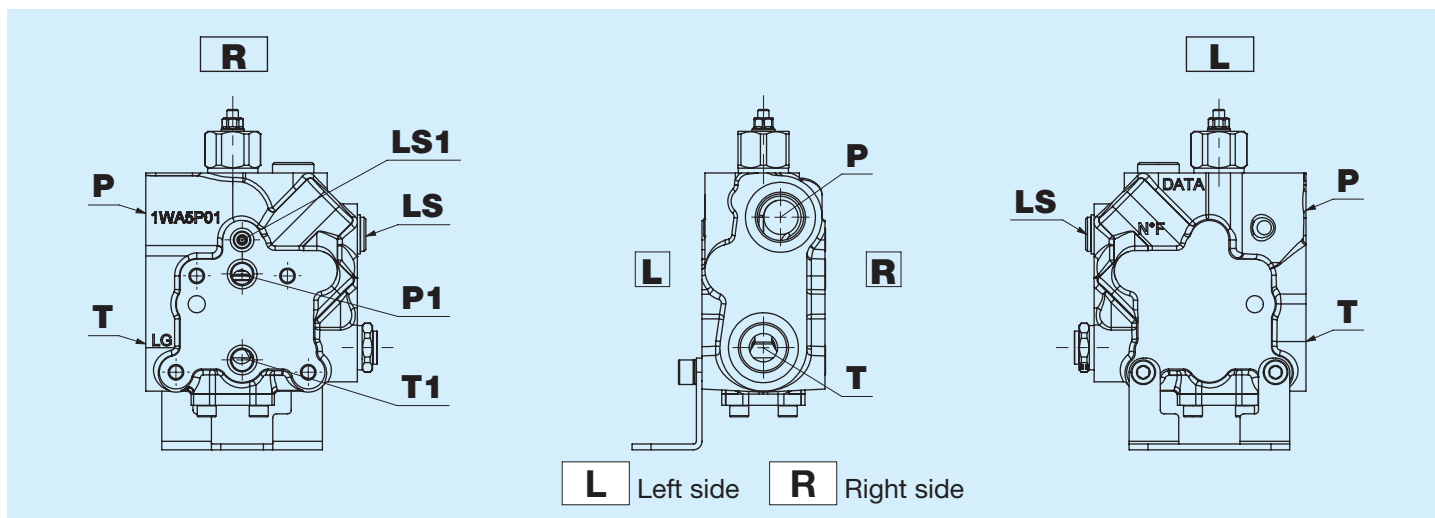
Overall dimensions



Pressure drops P - T

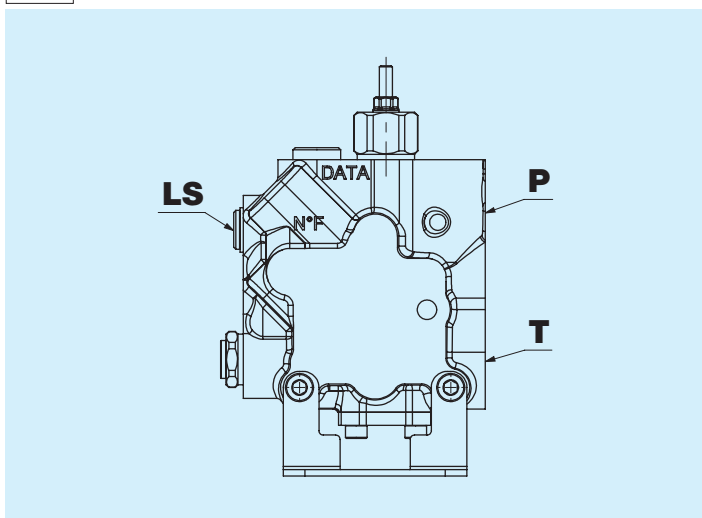


Definition of the right and left side of the cover

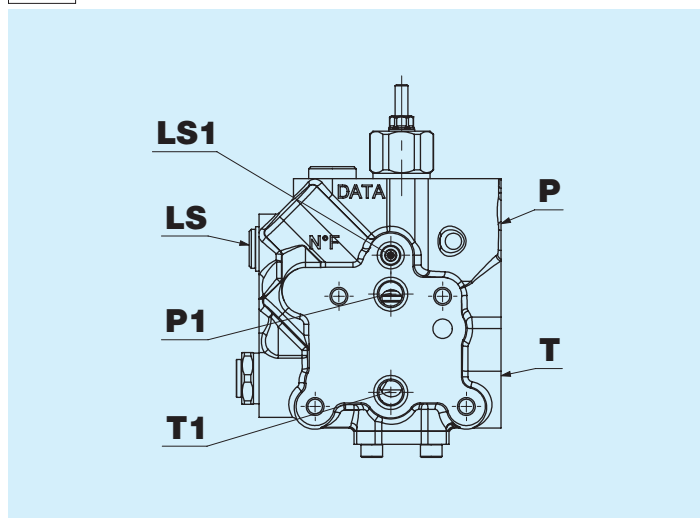


The right and left sides of the cover, as shown in the drawing, are defined with respect to the position of the port P.

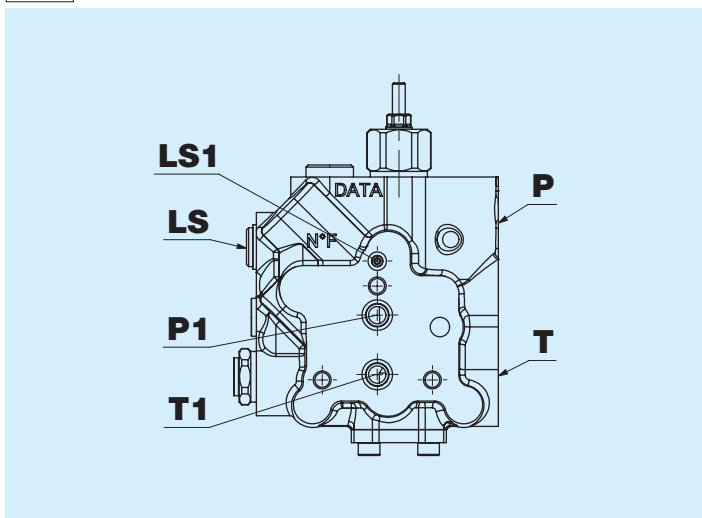
N None



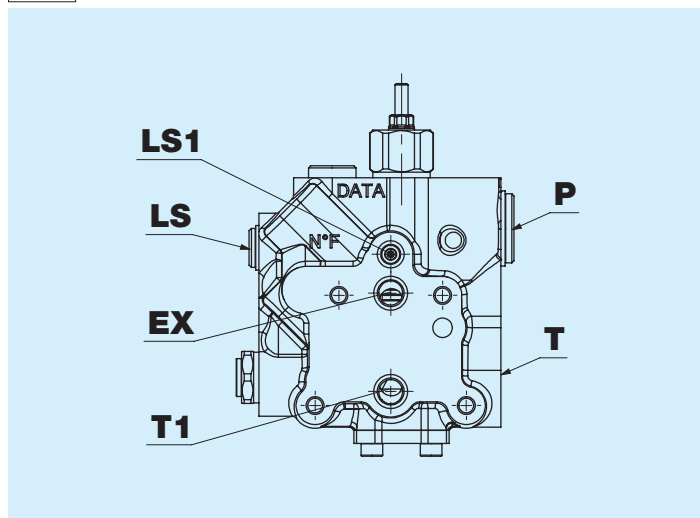
B IBW1033



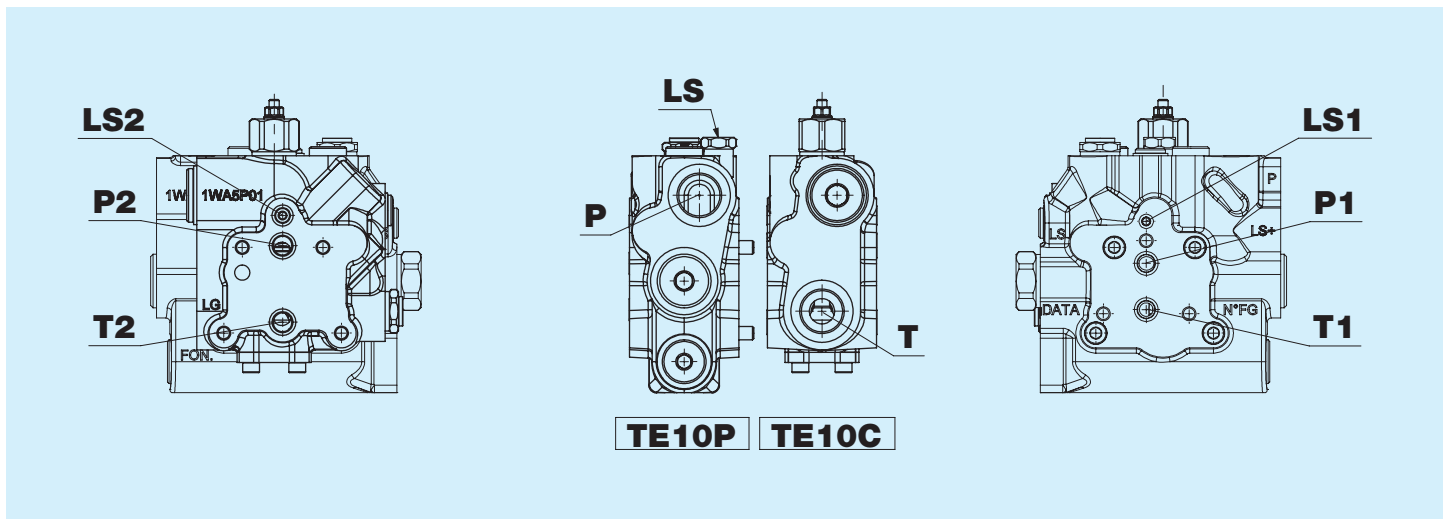
D IBW0511



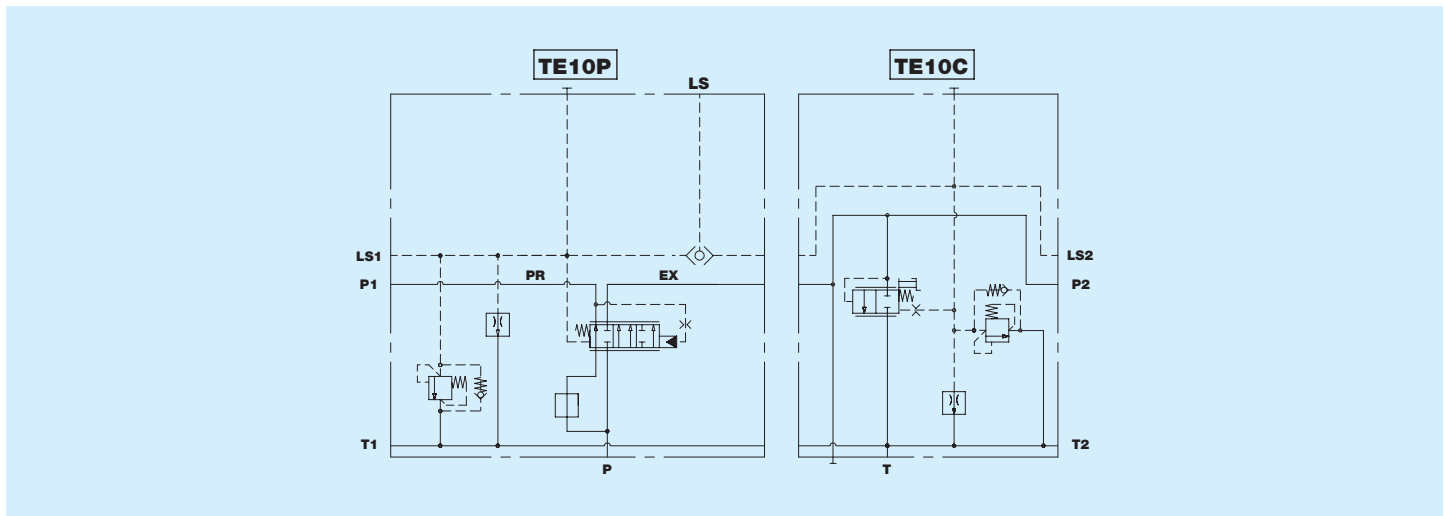
F TE10P



TE10P + TE10C

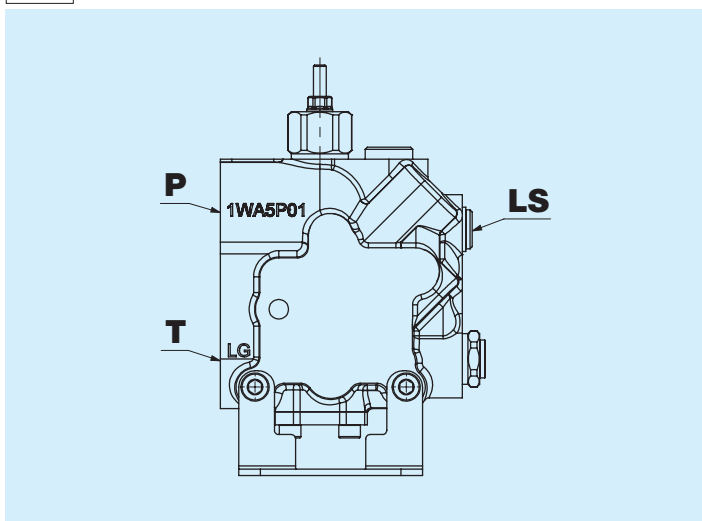


TE10P + TE10C - Hydraulic scheme

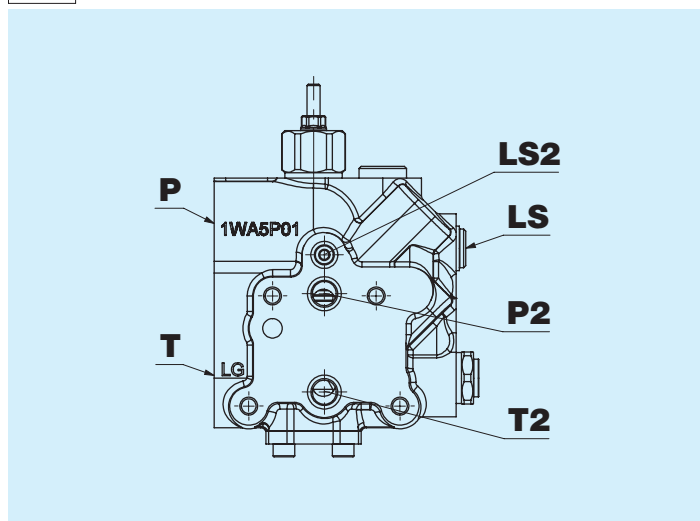


The option with interface **F** makes it possible to combine the priority TE10P inlet cover with the compensated TE10C inlet cover.

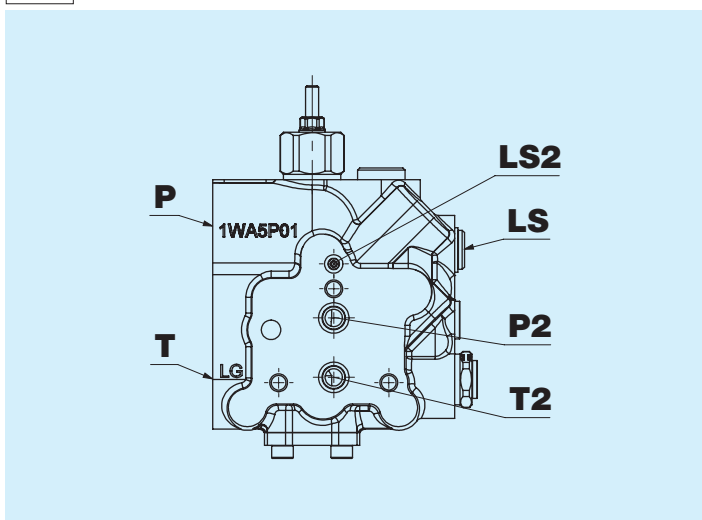
N None



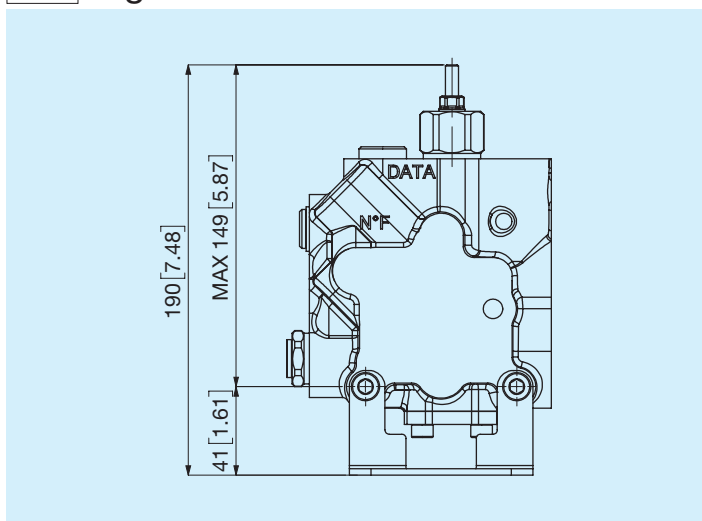
B IBW1033



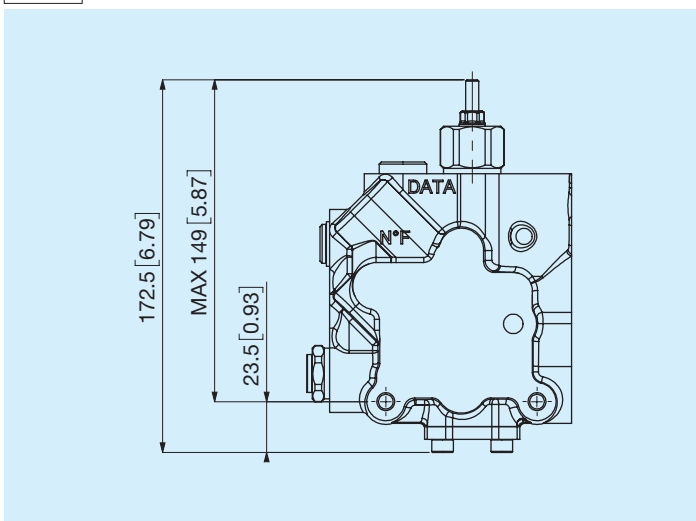
D IBW0511



H3 High



NN None



Thread port P

Code	Type	Tightening $\pm 10\%$ Nm
B	1/2" GAS ISO 1179	70
F	3/4" GAS ISO 1179	150
N	M22x1.5 ISO 9974	70
J	M22x1.5 ISO 6149	70
5	M27x2 ISO 9974	150
U	M27x2 ISO 6149	150
R	7/8" - 14 SAE ISO 11926	70
V	1" 1/16 - 12 SAE ISO 11926	150

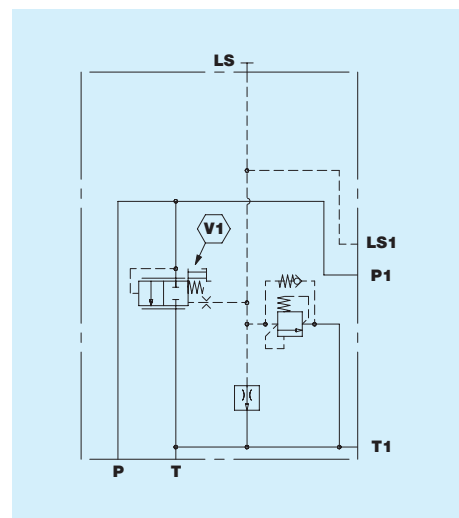
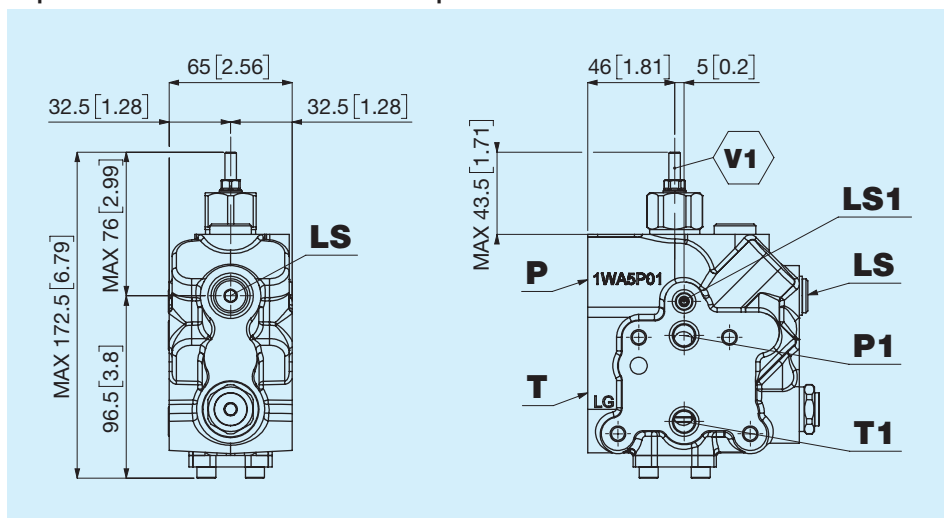
Thread port T

Code	Type	Tightening $\pm 10\%$ Nm
B	1/2" GAS ISO 1179	70
F	3/4" GAS ISO 1179	150
N	M22x1.5 ISO 9974	70
J	M22x1.5 ISO 6149	70
5	M27x2 ISO 9974	150
U	M27x2 ISO 6149	150
R	7/8" - 14 SAE ISO 11926	70
V	1" 1/16 - 12 SAE ISO 11926	150

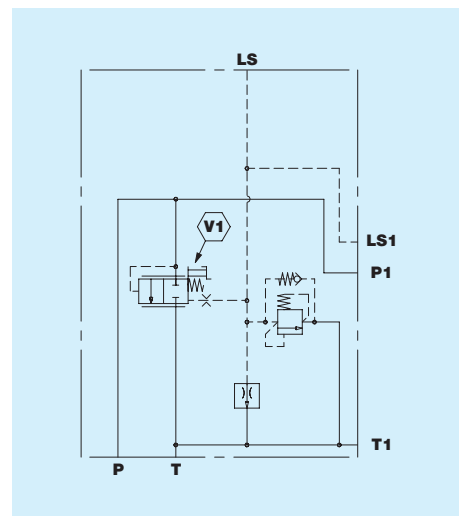
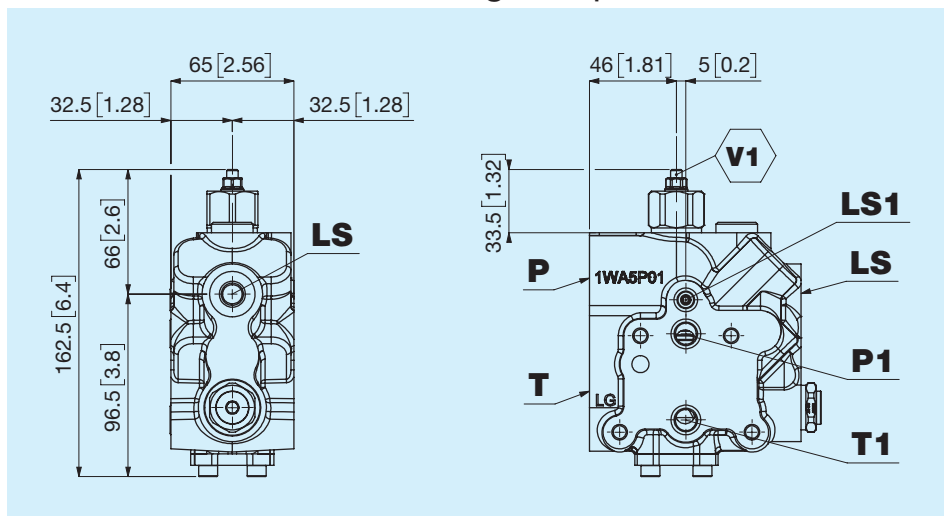
Thread port LS/LS+

Code	Type	Tightening $\pm 10\%$ Nm
L	1/4" GAS ISO 1179	27
3	M14x1.5 ISO 9974	27
K	M14x1.5 ISO 6149	27
P	9/16" - 18 SAE ISO 11926	27

Open Center - Fixed Pump

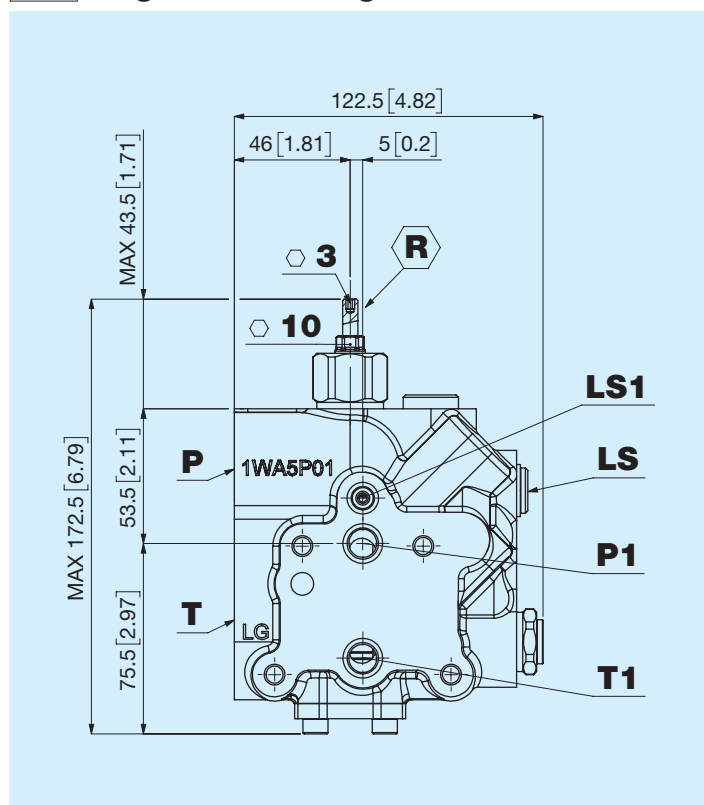


Closed Centre - Load sensing Pump

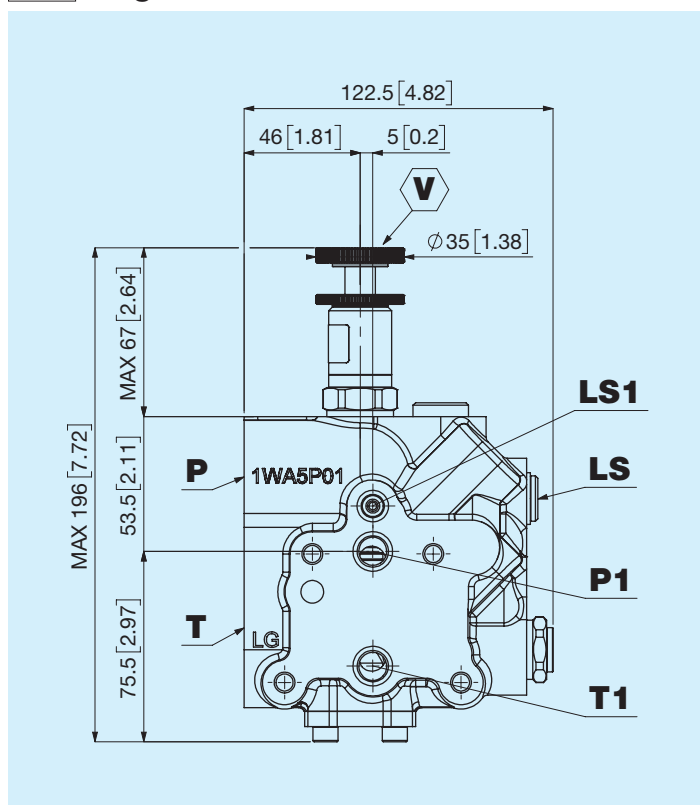


For Closed Centre - LS Pump configuration, fully tighten screw V1 clockwise. For Open Centre - Fixed Pump configuration, fully unscrew the V1 screw anticlockwise.

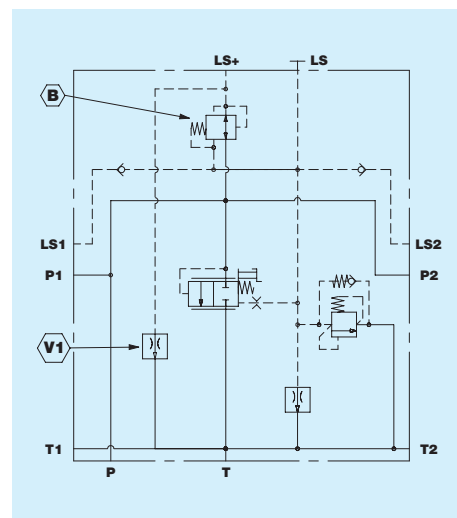
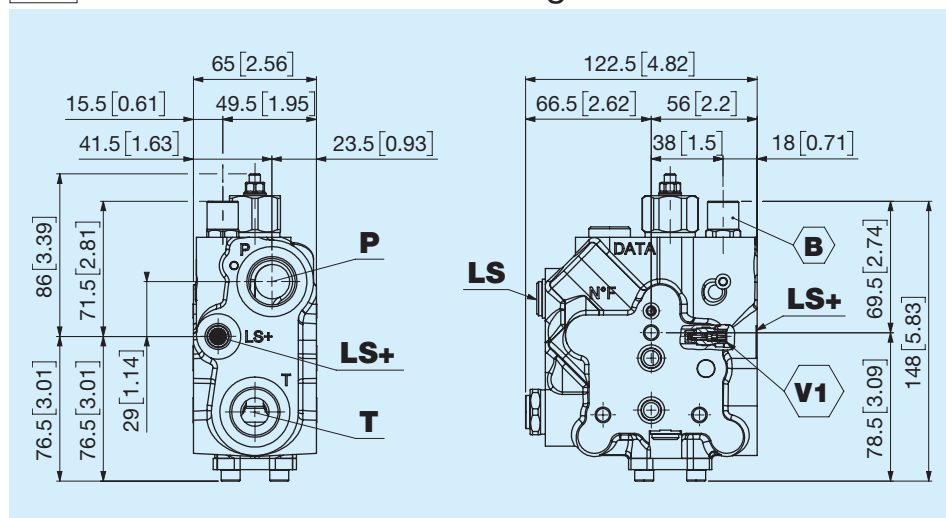
R Regulation with grub screw



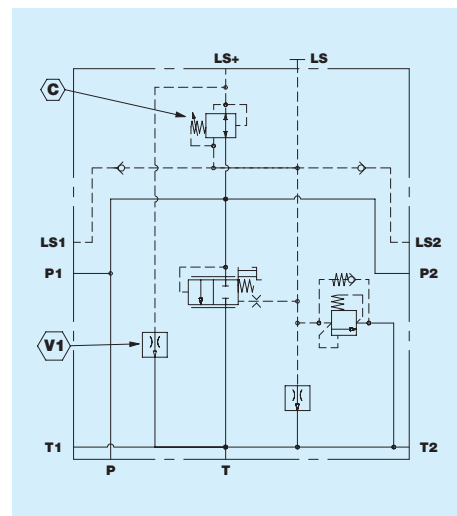
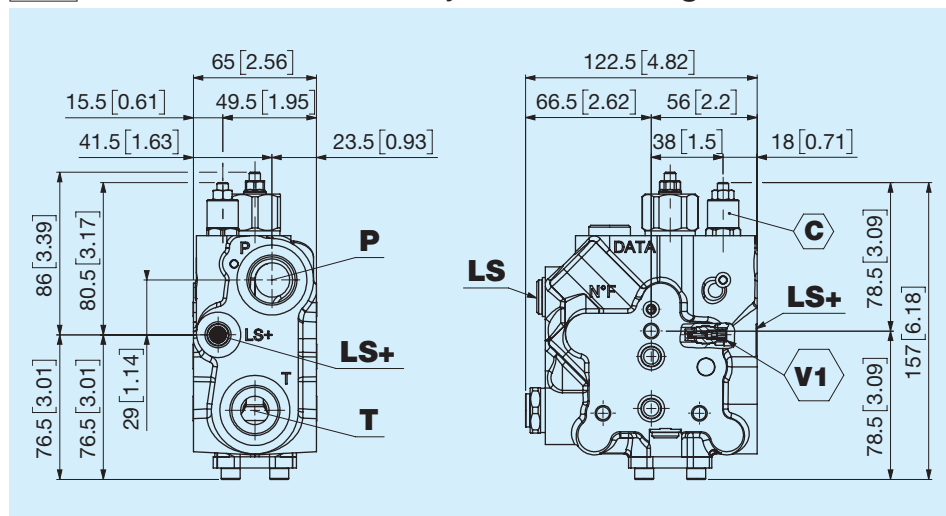
V Regulation with handwheel



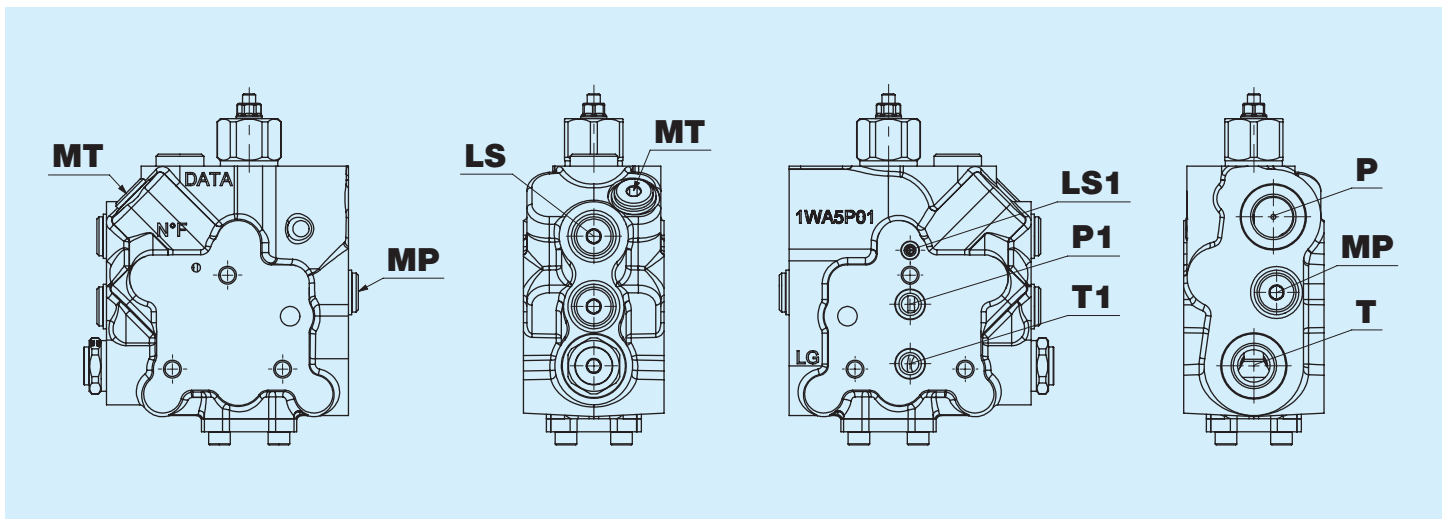
B Booster valve with fix setting



C Booster valve with adjustable setting



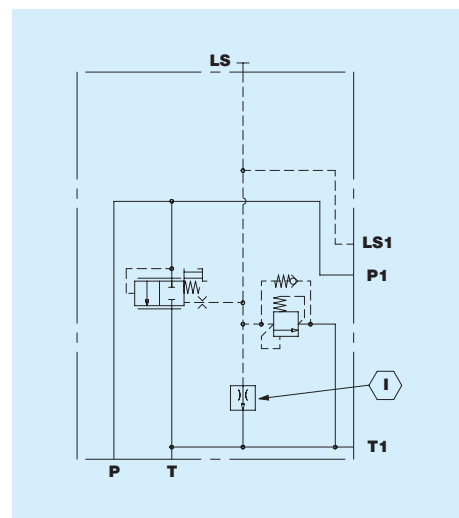
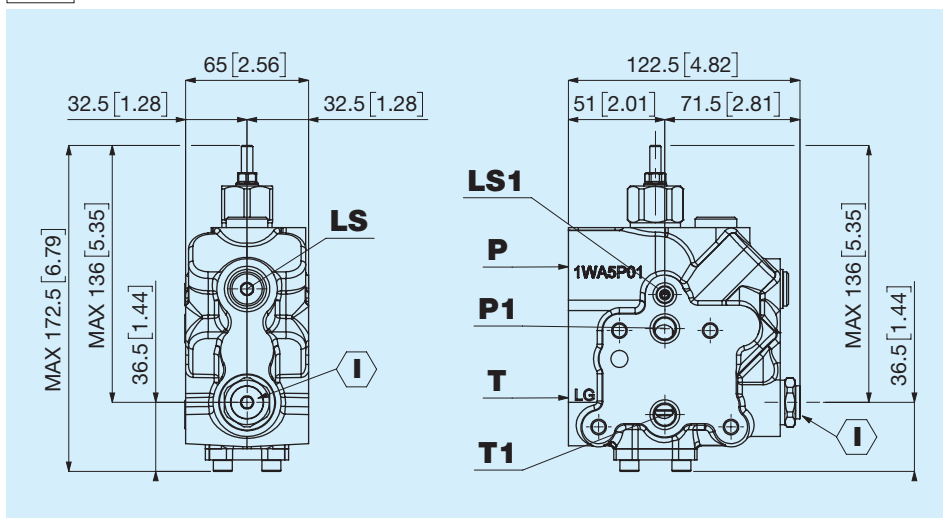
MP and MT - Gauge ports



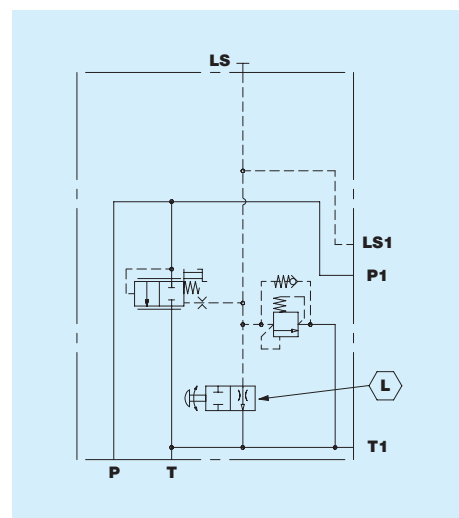
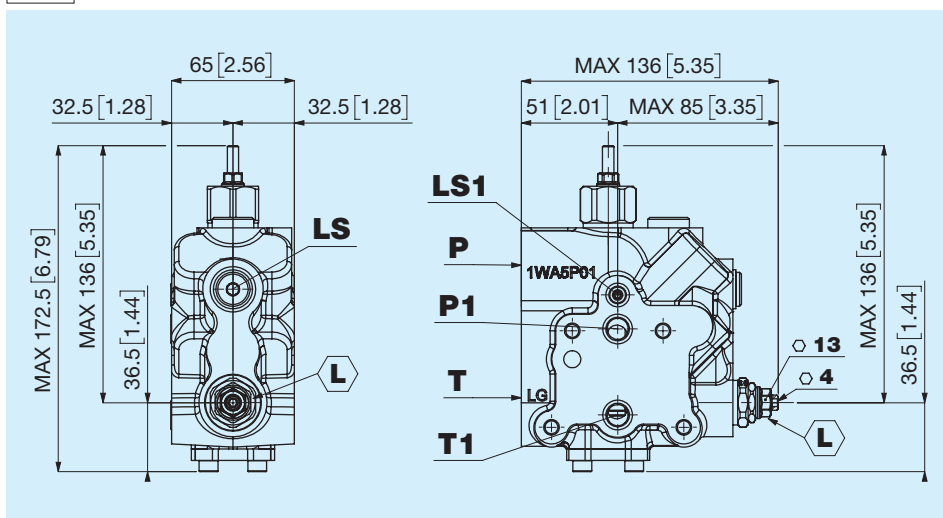
Thread ports MP and MT

Code	Type	Tightening Nm
N	None	
L	1/4" GAS ISO 1179	27
3	M14x1.5 ISO 9974	27
K	M14x1.5 ISO 6149	27
P	9/16" - 18 SAE ISO 11926	27

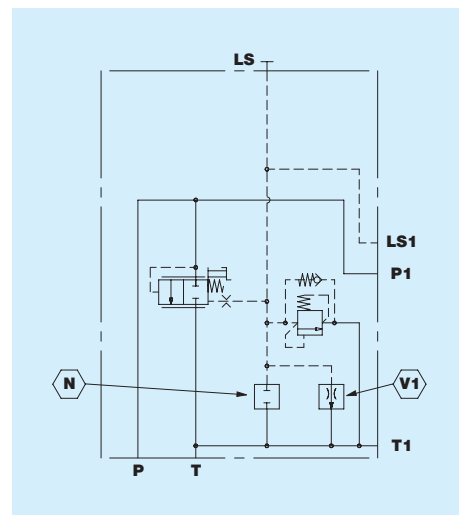
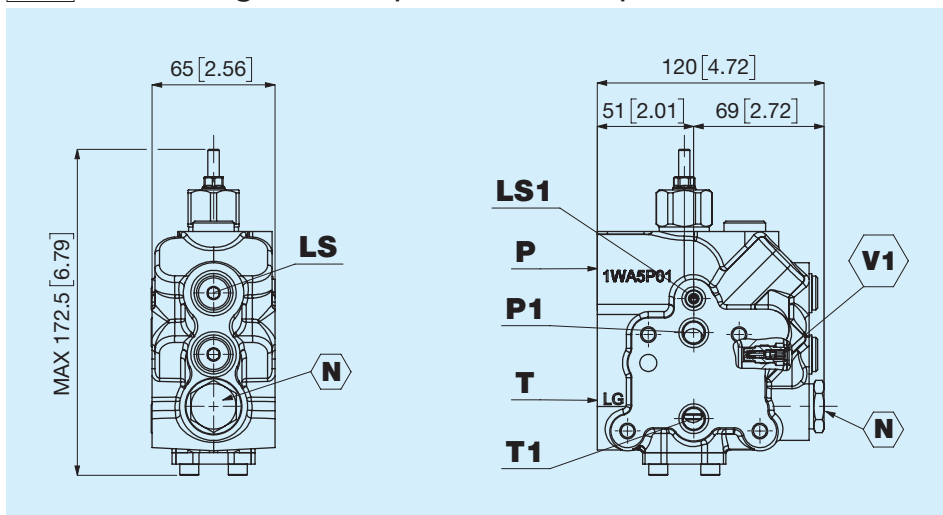
I Drain valve



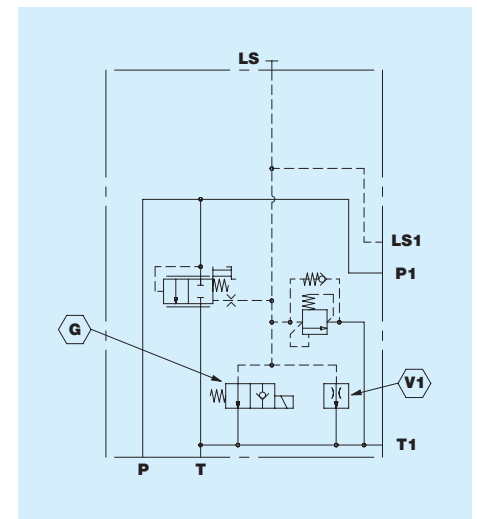
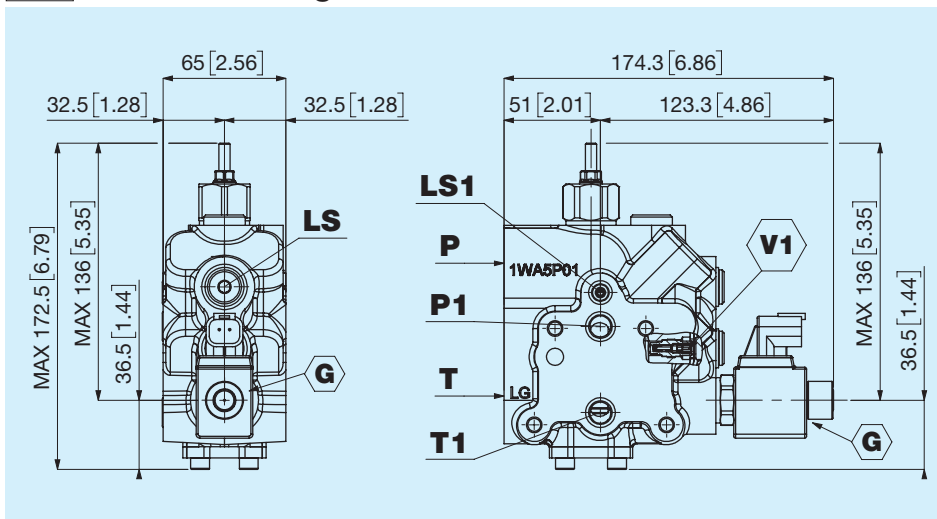
L ON-OFF drain valve



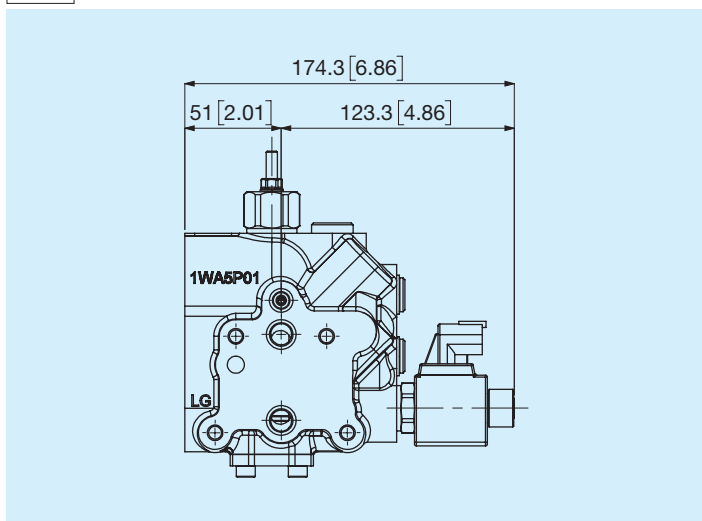
N Unloading valve replacement cap



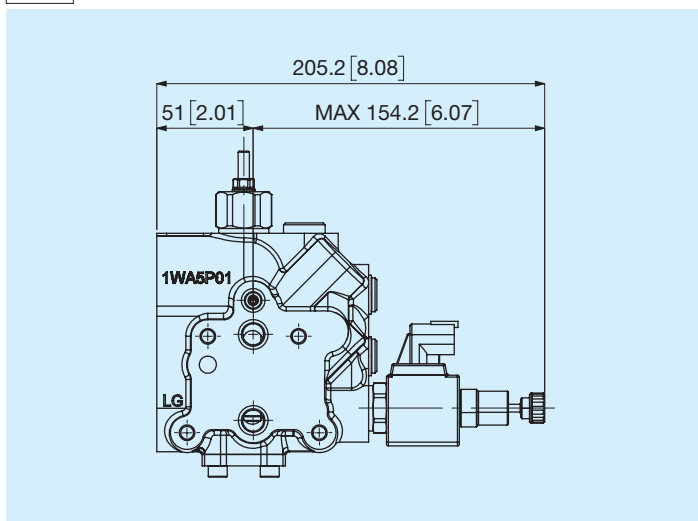
G With unloading valve



O Standard terminal



S Manual override with screw



Electrical characteristics of the unloading valve coil

Voltage	12	24	V (± 10%)
Resistance at 20°C	7,7	32	Ω (± 7%)
Rated current	1,55	0,75	A
Power	18,6	18	W

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
TE10C																
1	Interface left side															
	N None				B IBW1033				D IBW0511					F TE10P		
2	Interface right side															
	N None				B IBW1033				D IBW0511							
3 4	Bracket height															
	H3 High				NN None											
5	Thread type															
	F Female															
6	Thread port P															
	B 1/2" GAS ISO 1179				N M22x1.5 ISO 9974				5 M27x2 ISO 9974					R 7/8" - 14 SAE ISO 11926		
	F 3/4" GAS ISO 1179				J M22x1.5 ISO 6149				U M27x2 ISO 6149					V 1" 1/16 - 12 SAE ISO 11926		
7	Thread port T															
	B 1/2" GAS ISO 1179				N M22x1.5 ISO 9974				5 M27x2 ISO 9974					R 7/8" - 14 SAE ISO 11926		
	F 3/4" GAS ISO 1179				J M22x1.5 ISO 6149				U M27x2 ISO 6149					V 1" 1/16 - 12 SAE ISO 11926		
8	Thread port LS/LS+															
	L 1/4" GAS ISO 1179				3 M14x1.5 ISO 9974				K M14x1.5 ISO 6149					P 9/16" - 18 SAE ISO 11926		
9	Options on ports P-T-LS															
	A P-T-LS open				B P-T open, LS plugged				E P-LS plugged, T open							
10	Main Compensator option															
	R Regulation with grub screw				V Regulation with handwheel											
11	Options on LS+ line															
	N None				B Booster valve with fix setting				C Booster valve with adjustable setting							
12 13	Booster valve setting															
	NN None				15 15 bar				25 25 bar							
	10 10 bar				20 20 bar				30 30 bar							
14	Options on port LS+															
	N None				A Open											

17 18 19 20 21 22

15

N None	3 M14x1.5 ISO 9974	P 9/16" - 18 SAE ISO 11926
L 1/4" GAS ISO 1179	K M14x1.5 ISO 6149	

16

Thread port MT		
N None	3 M14x1.5 ISO 9974	P 9/16" - 18 SAE ISO 11926
L 1/4" GAS ISO 1179	K M14x1.5 ISO 6149	

17

Options on ports MP - MT		
N None	B MP plugged, MT not machined	F MP and MT plugged
A MP open, MT not machined	E MP and MT open	

18

Type of LS line unloading valve			
I Drain valve	N Unloading valve replacement cap	B 24V DIN 43650	H 24V DEUTSCH DT04-2P
L ON-OFF drain valve	A 12V DIN 43650	G 12V DEUTSCH DT04-2P	

19

Emergency unloading valve on LS line		
N None	O Standard terminal	S Manual override with screw

20 21

Type of pressure relief valve			
00 Replacement cap VMP	10 100 bar	16 160 bar	22 220 bar
05 50 bar	11 110 bar	17 170 bar	23 230 bar
06 60 bar	12 120 bar	18 180 bar	24 240 bar
07 70 bar	13 130 bar	19 190 bar	25 250 bar
08 80 bar	14 140 bar	20 200 bar	
09 90 bar	15 150 bar	21 210 bar	

22

External treatment	
N None	Z Zinc plating