

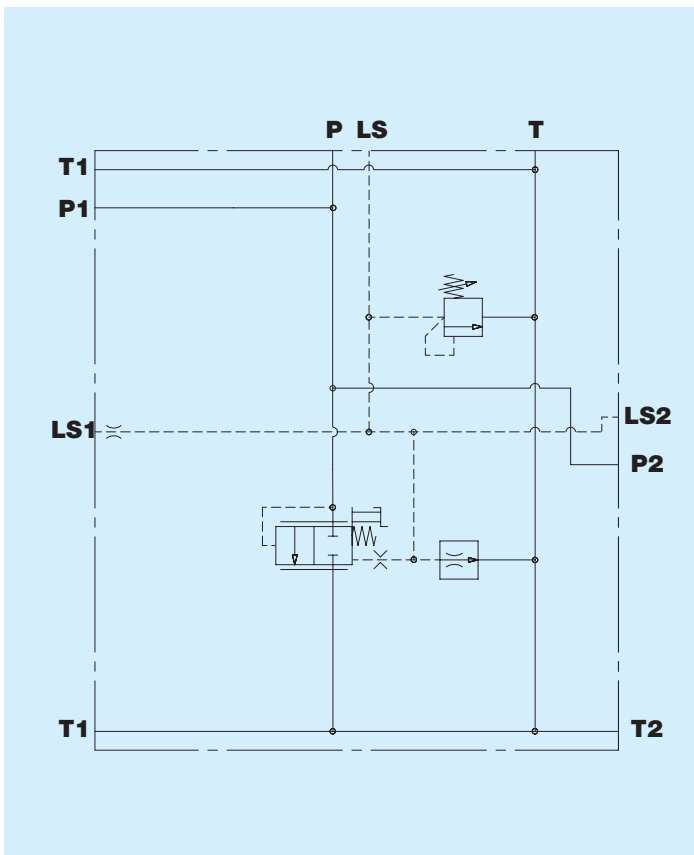
TE14C - Inlet cover L.S. with compensator

Interface IBW1455 - IBW1477 - IBW1033 - IBW0511 -
IBW0500

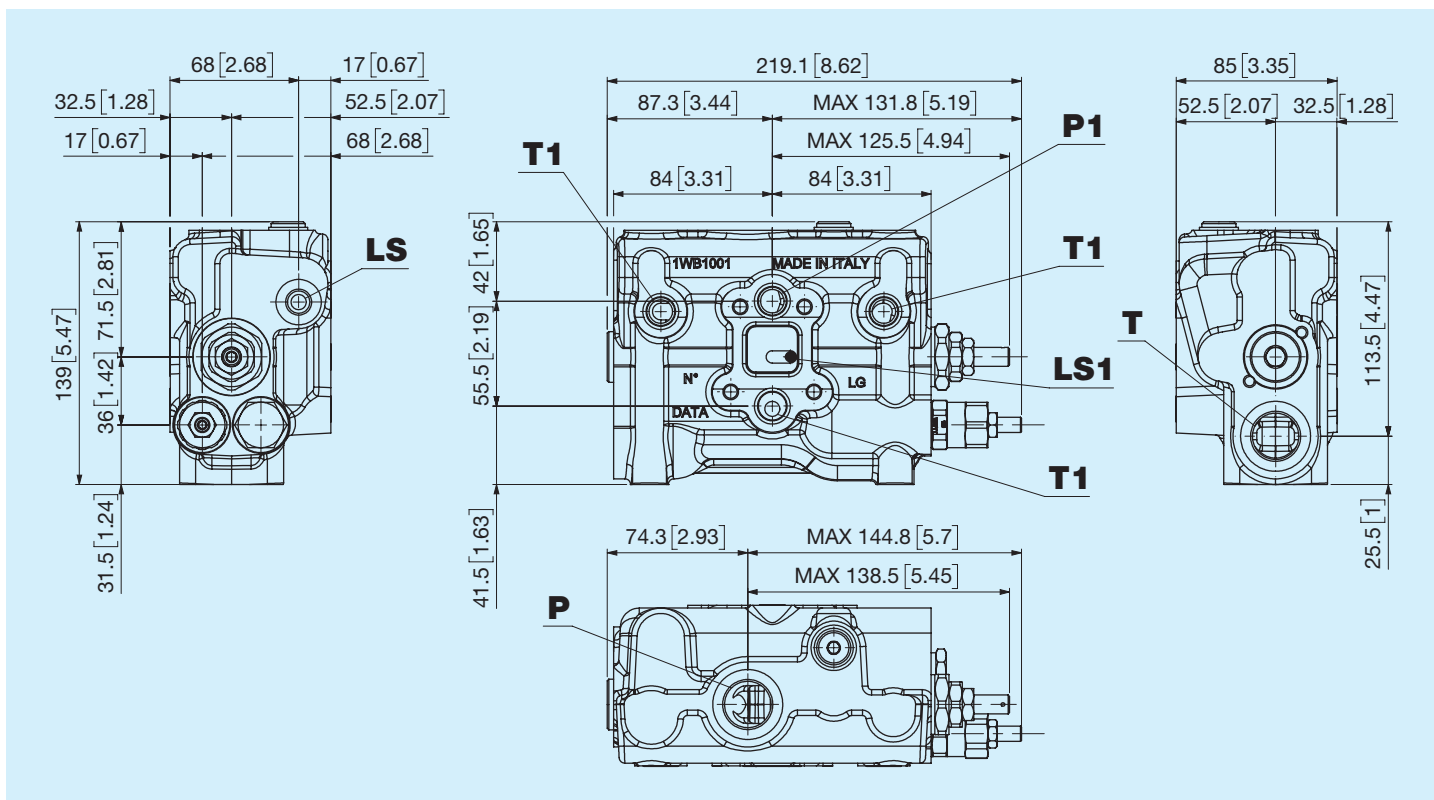


Before use, carefully read the GENERAL INSTRUCTIONS FOR USE OF DIRECTIONAL CONTROL VALVES

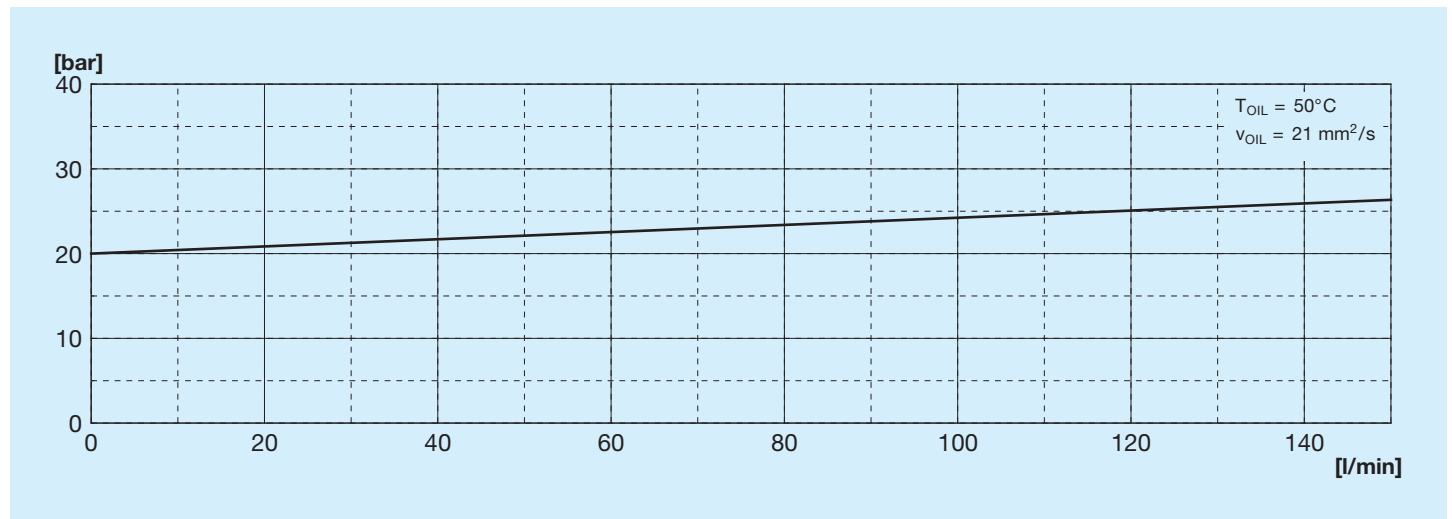
Nominal flow	150 l/min 39.6 US gpm
Nominal pressure	250 bar 3625 psi
Maximum tank pressure	50 bar 725 psi
Temperature range	-20°C +85°C NBR seals (max peak +100°C) -20°C + 130°C HNBR seals
Oil viscosity	from 15 mm²/s to 90 mm²/s (15 cSt to 90 cSt)
Fluid	Hydraulic fluids as defined in ISO 6743-4 standard
Weight	9 kg 19.84 lb
Interface	IBW1455 - IBW1477 - IBW1033 - IBW0511 - IBW0500



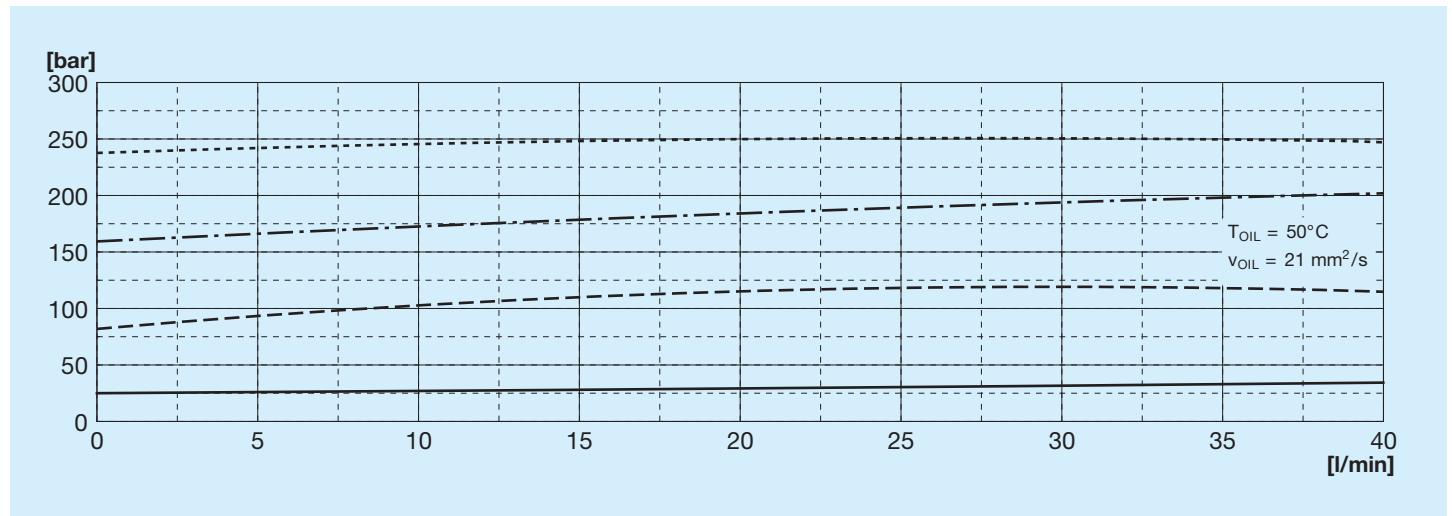
Dimensions



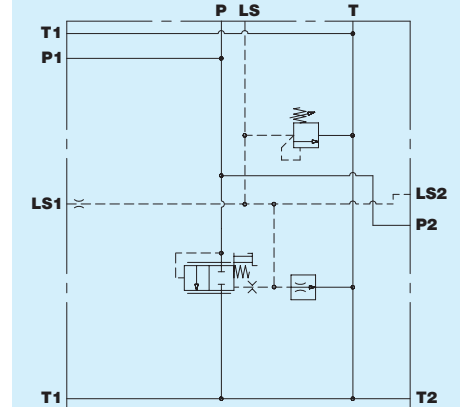
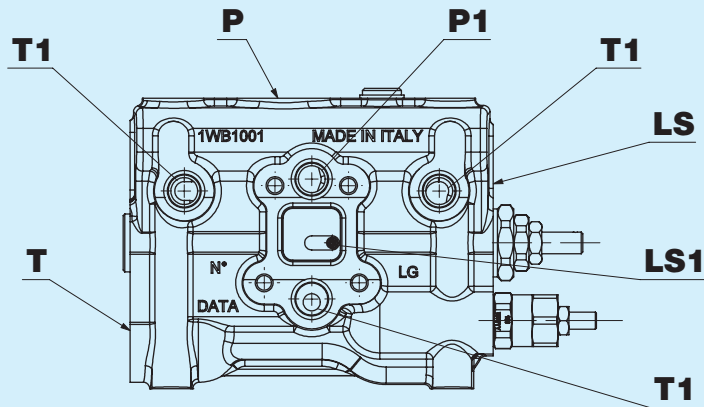
Head losses P-T



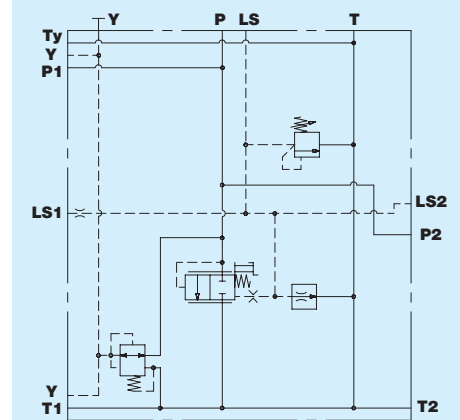
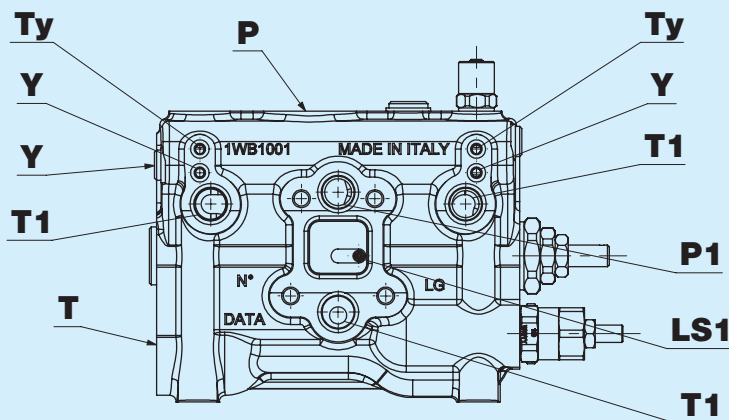
VL - Pressure limiting valve



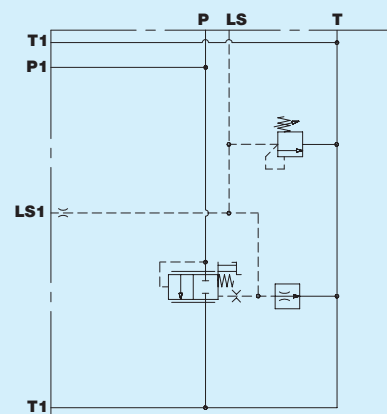
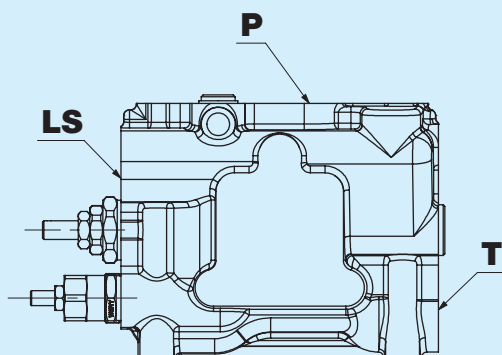
E IBW1455



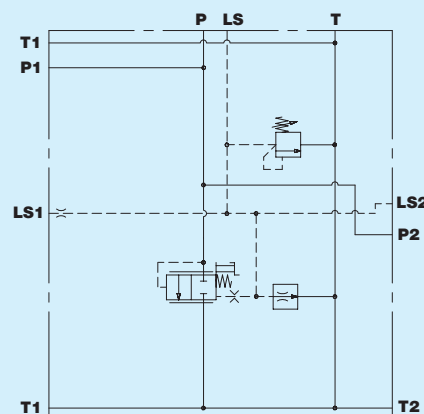
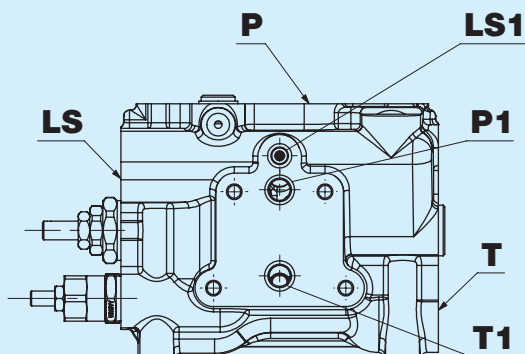
F IBW1477 - For electro-hydraulic actuation of the element



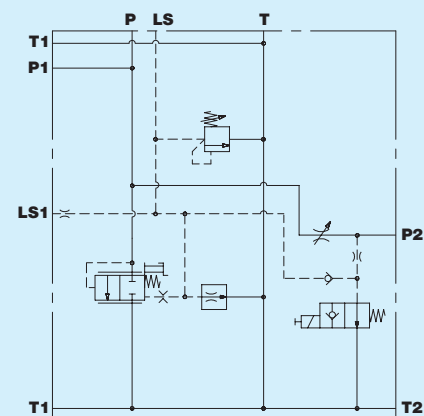
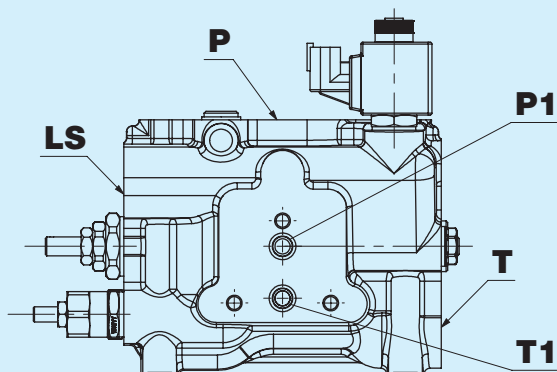
N None



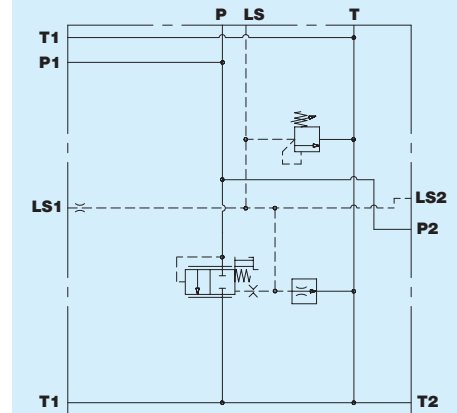
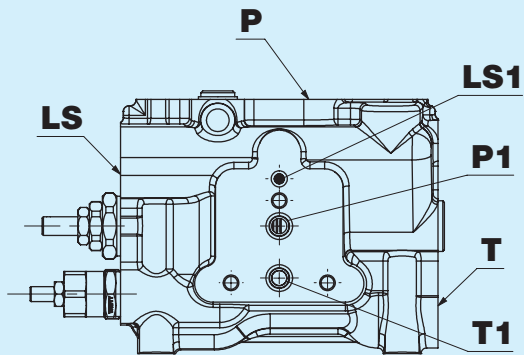
B IBW1033



C IBW0500



D IBW0511



Thread Port P

Model	Type	Torque Nm
B	1/2" GAS ISO 1179	70
F	3/4" GAS ISO 1179	140
N	M22x1.5 ISO 9974	78
J	M22x1.5 ISO 6149	78
5	M27x2 ISO 9974	170
U	M27x2 ISO 6149	170
R	7/8" - 14 SAE ISO 11926	77
V	1" 1/16 - 12 SAE ISO 11926	125

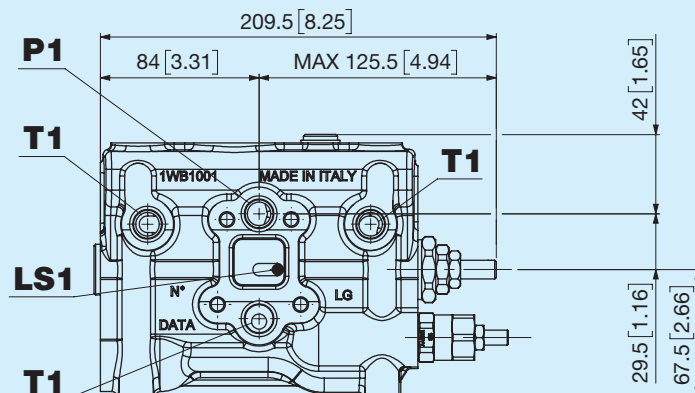
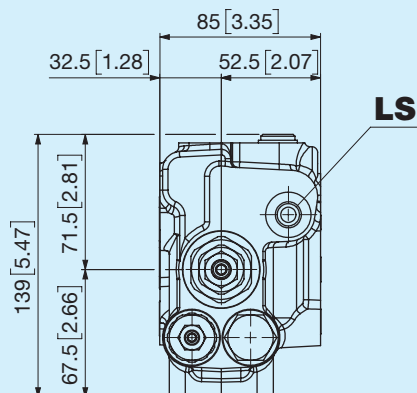
Thread Port T

Model	Type	Torque Nm
B	1/2" GAS ISO 1179	70
F	3/4" GAS ISO 1179	140
N	M22x1.5 ISO 9974	78
J	M22x1.5 ISO 6149	78
5	M27x2 ISO 9974	170
U	M27x2 ISO 6149	170
R	7/8" - 14 SAE ISO 11926	77
V	1" 1/16 - 12 SAE ISO 11926	125

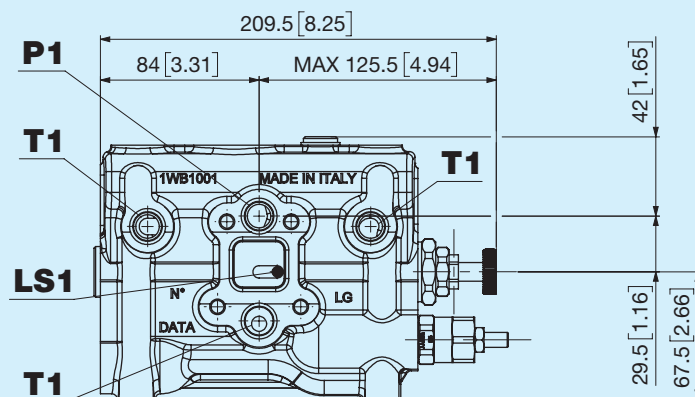
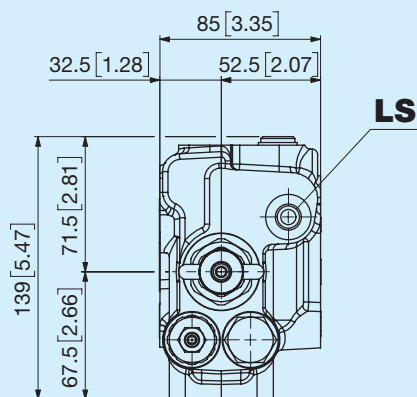
Thread Port LS/LS+

Model	Type	Torque Nm
L	1/4" GAS ISO 1179	14
3	M14x1.5 ISO 9974	10
K	M14x1.5 ISO 6149	10
P	9/16" - 18 SAE ISO 11926	21

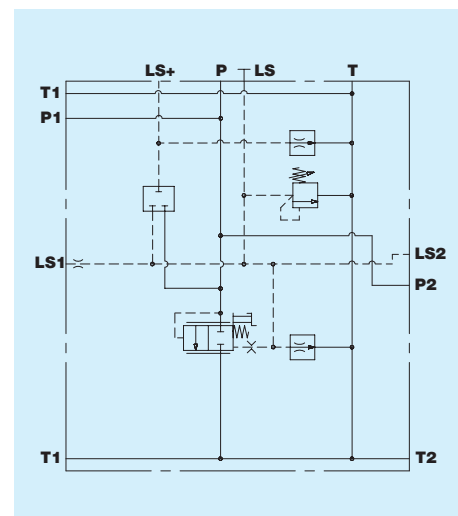
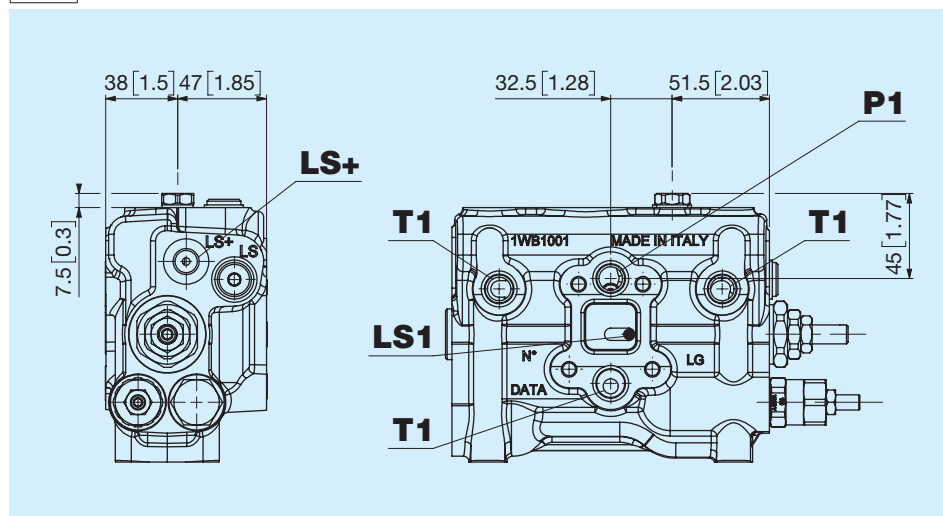
A Standard



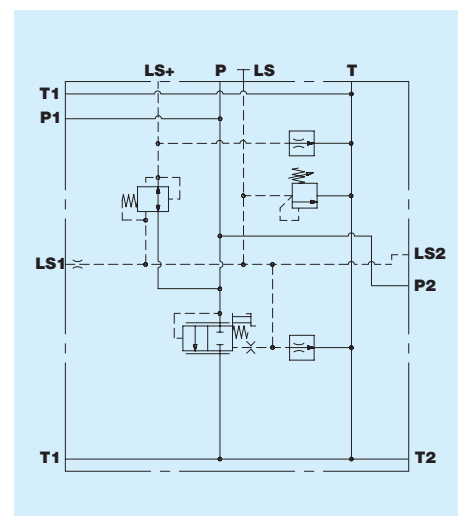
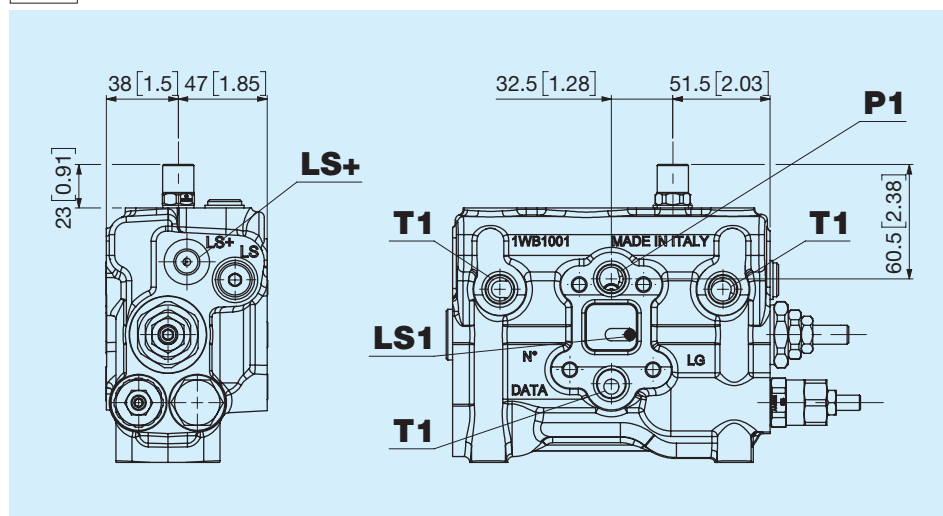
B With handwheel



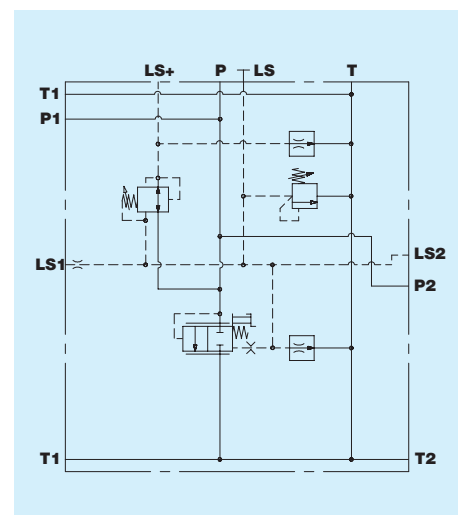
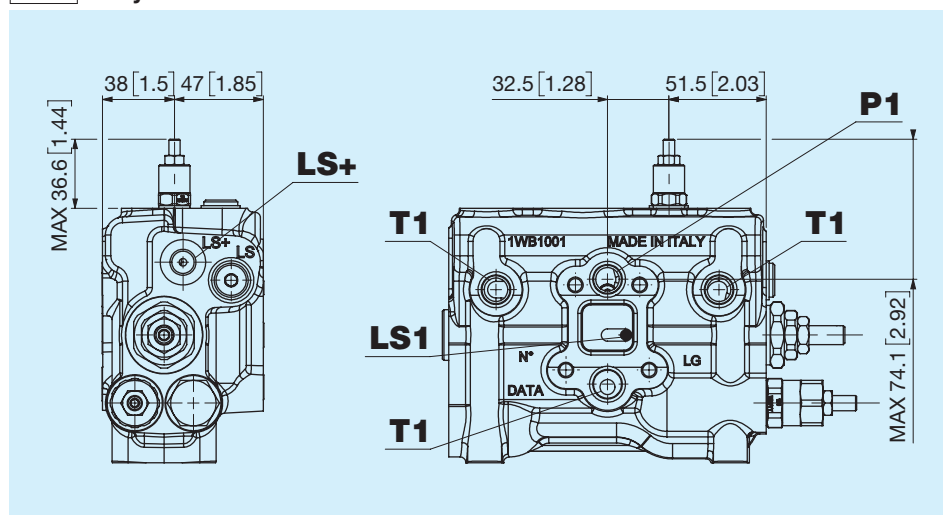
A Booster valve version



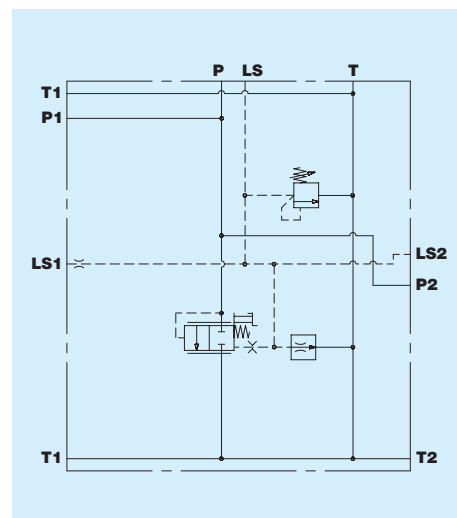
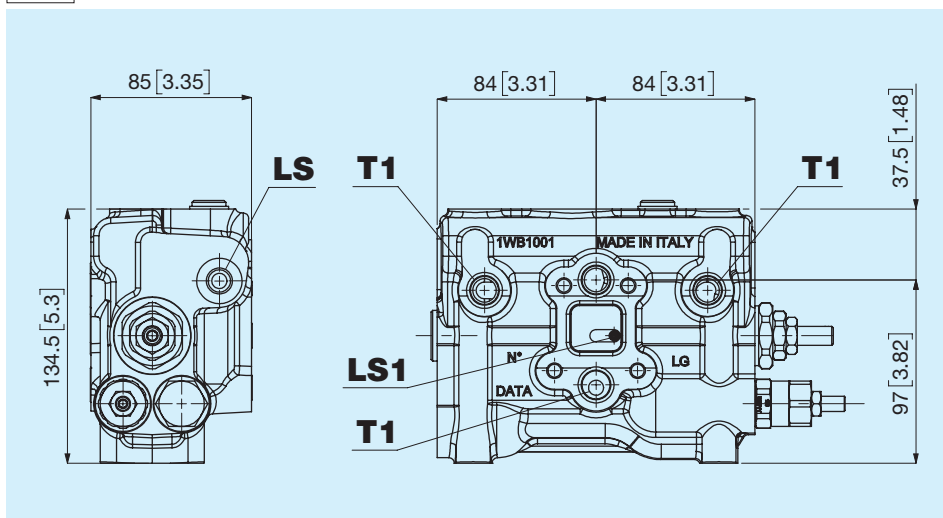
B Fixed calibration booster valve



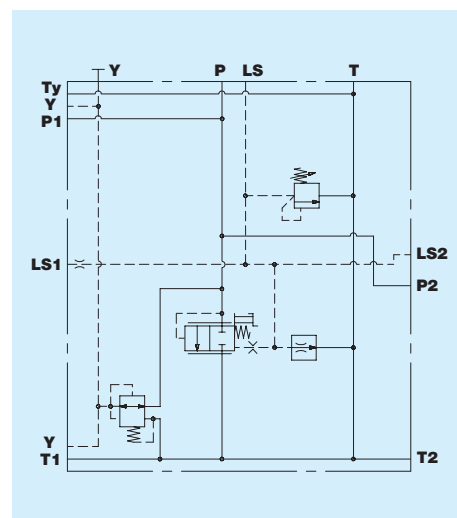
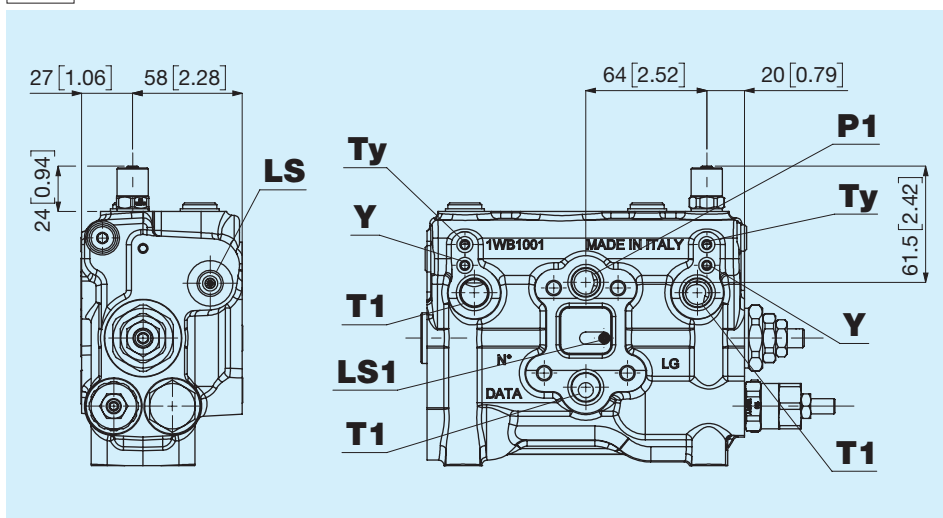
C Adjustable calibration booster valve



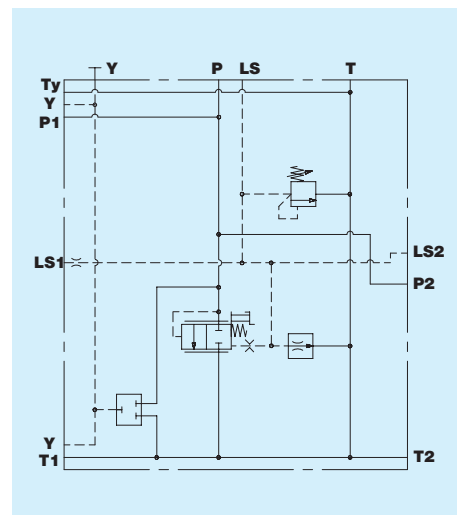
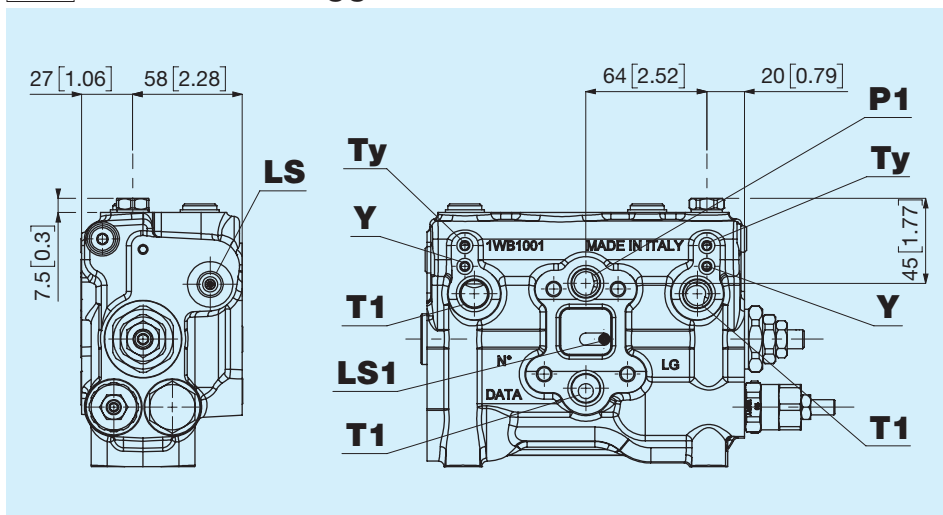
N None



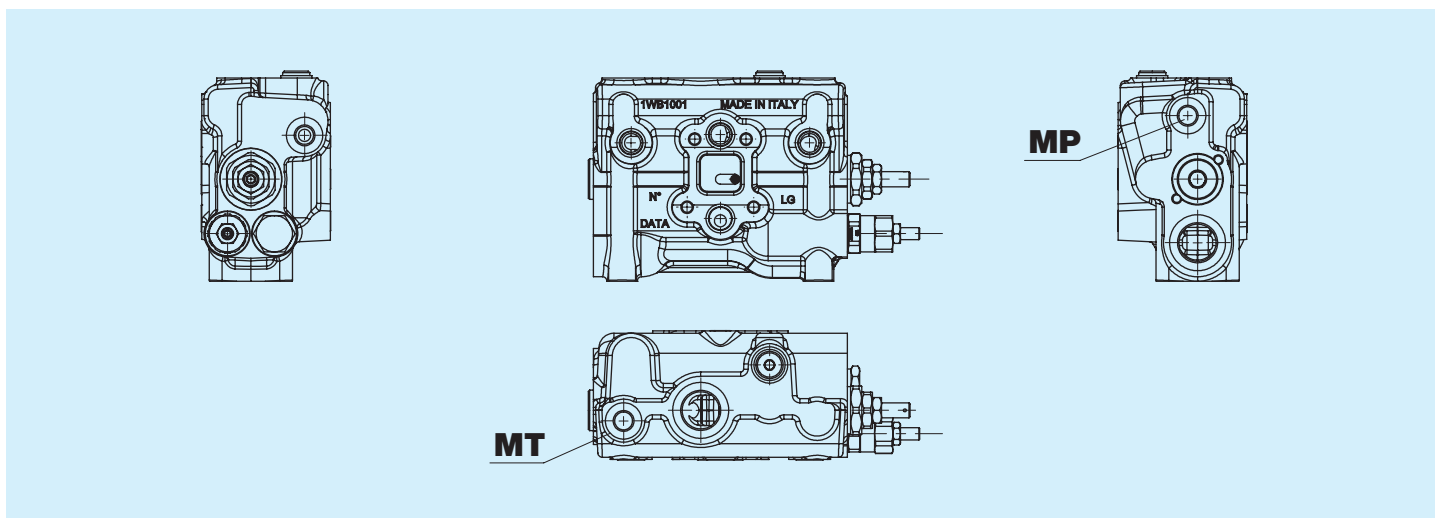
A Standard with fixed calibration



B Processed Plugged



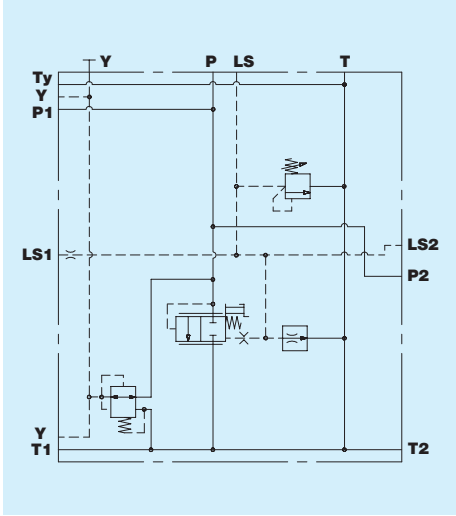
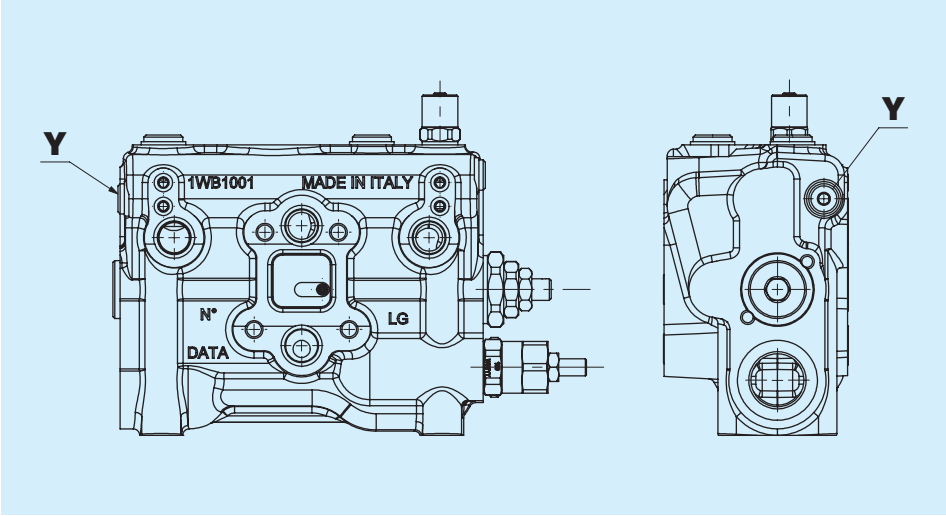
MP and MT - Pressure gauge inlets



Thread Port MP and MT

Model	Type	Torque Nm
N	No processing	
L	1/4" GAS ISO 1179	14
3	M14x1.5 ISO 9974	10
K	M14x1.5 ISO 6149	10
P	9/16" - 18 SAE ISO 11926	21

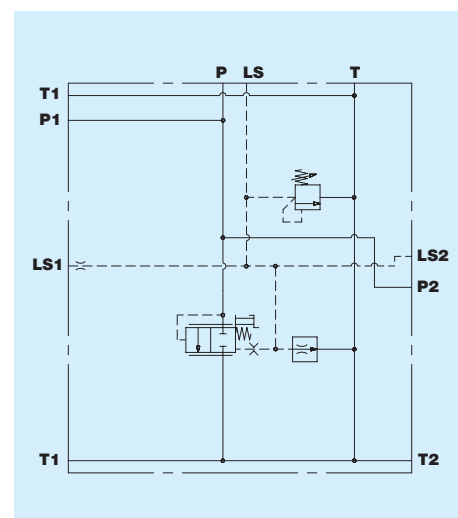
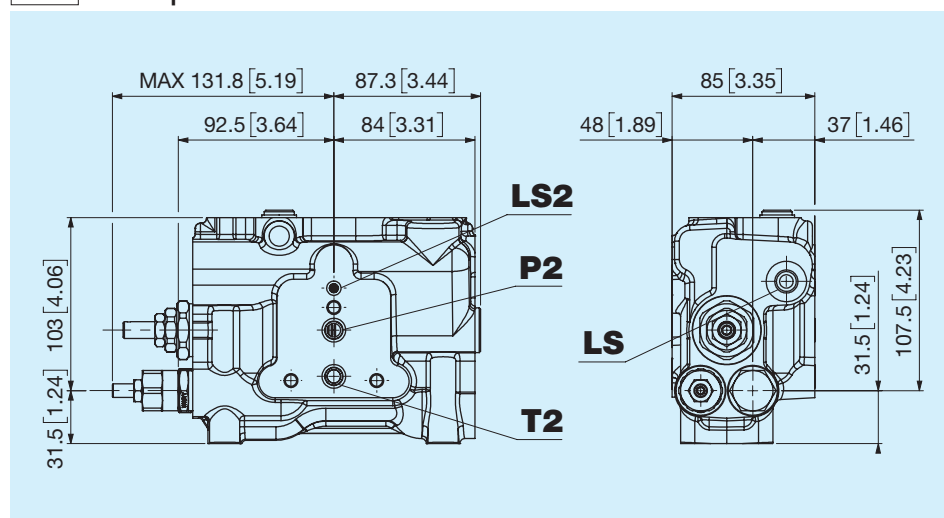
Port Y



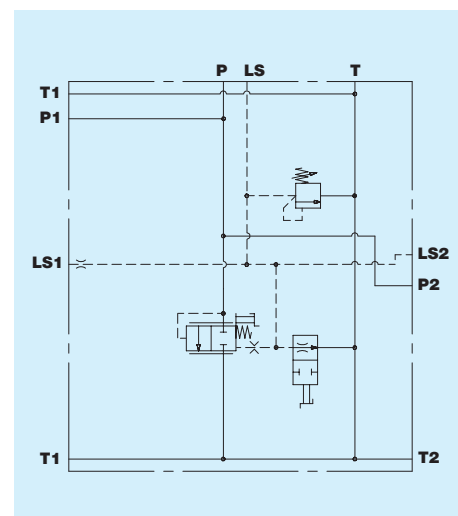
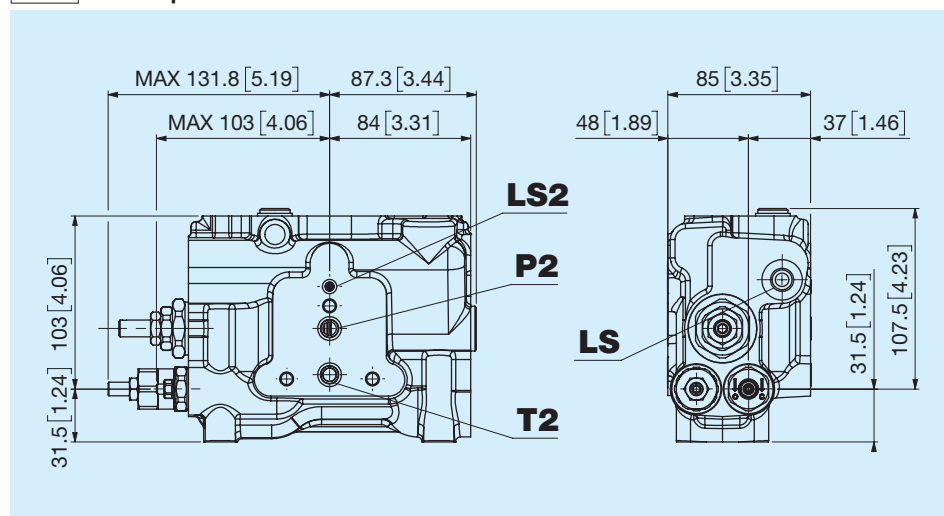
Thread Port Y

Model	Type	Torque Nm
N	None	
Q	1/8" GAS ISO 1179	12

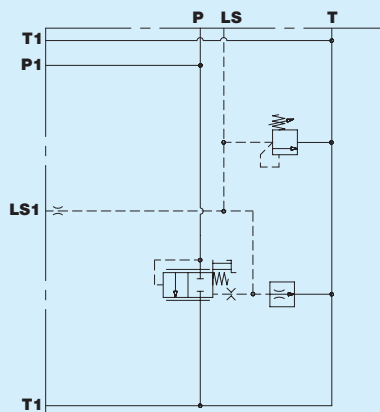
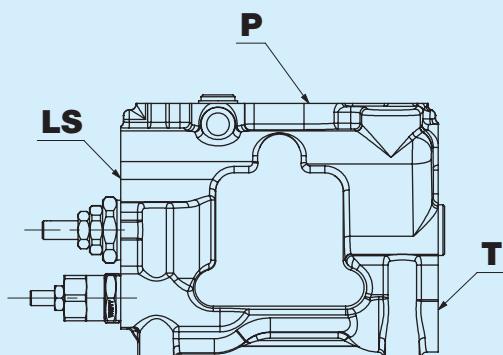
I Compensated orifice



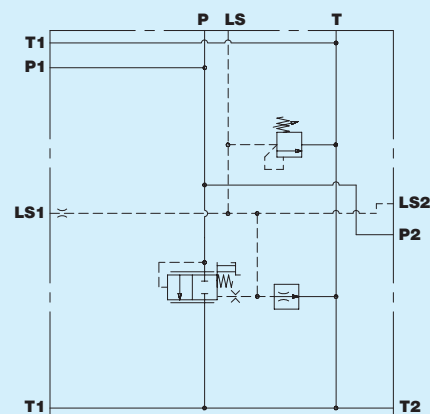
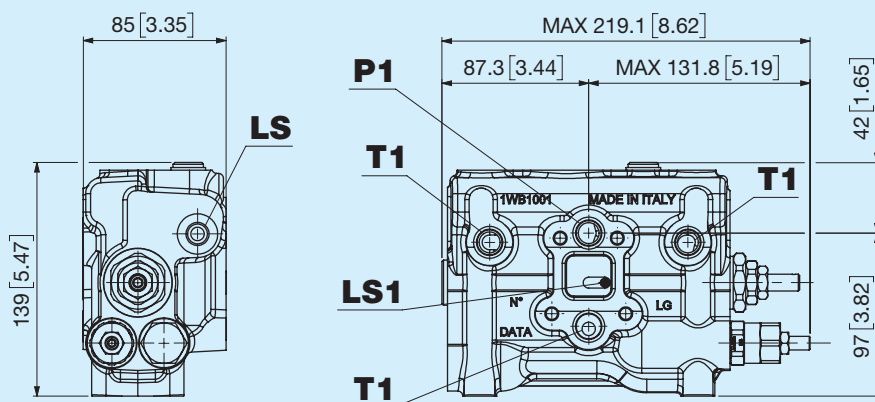
L Compensated orifice ON-OFF



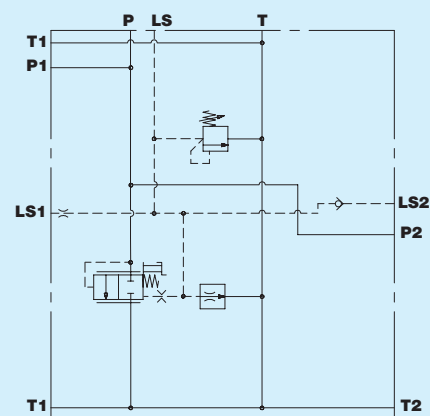
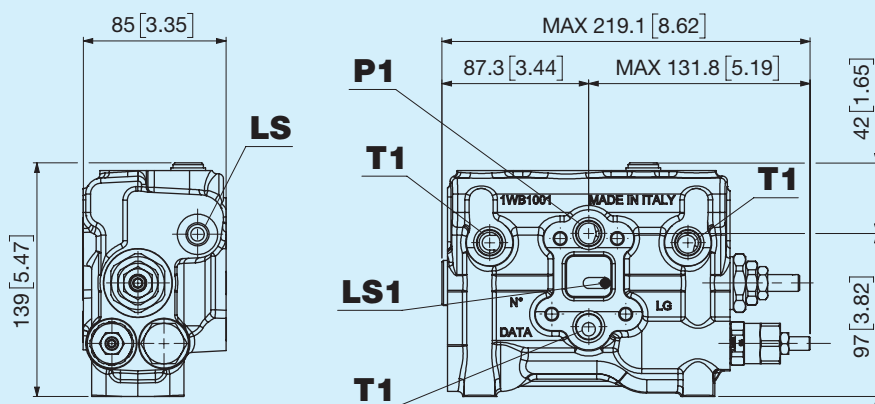
N None (No right side interface)



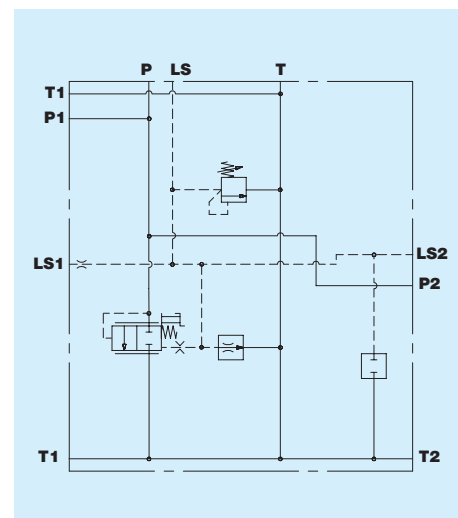
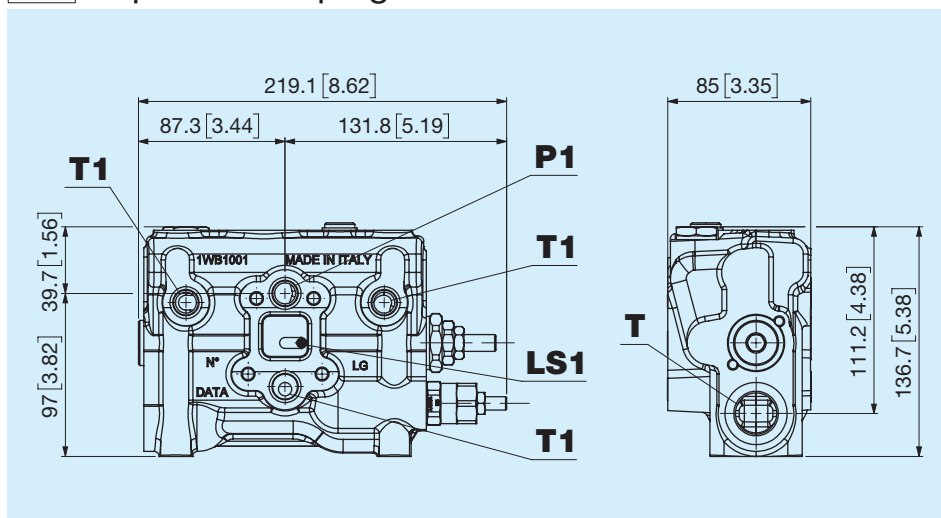
G General - no shuttle valve



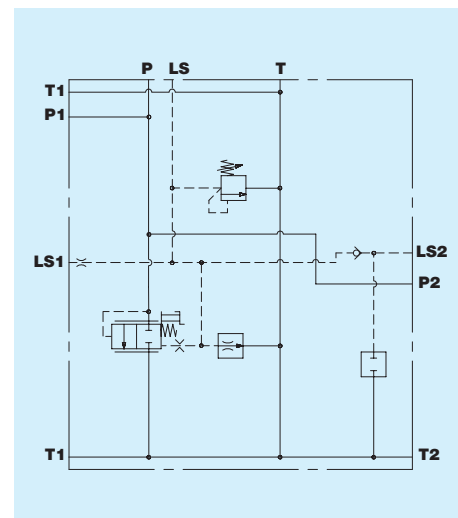
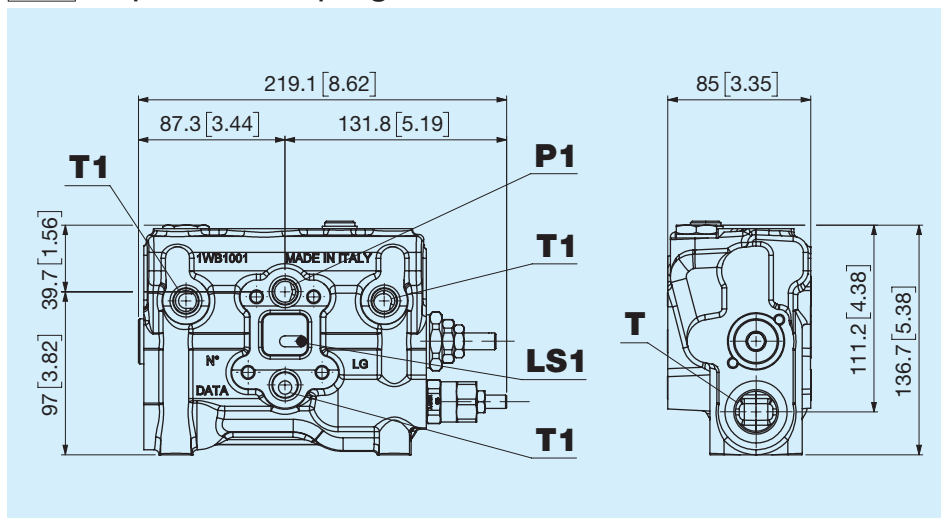
L Local dedicated right branch - with shuttle valve



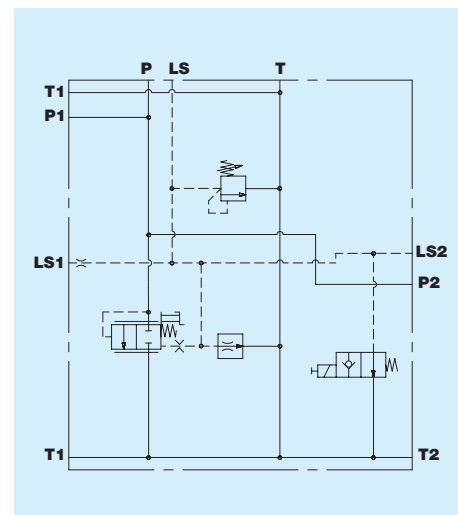
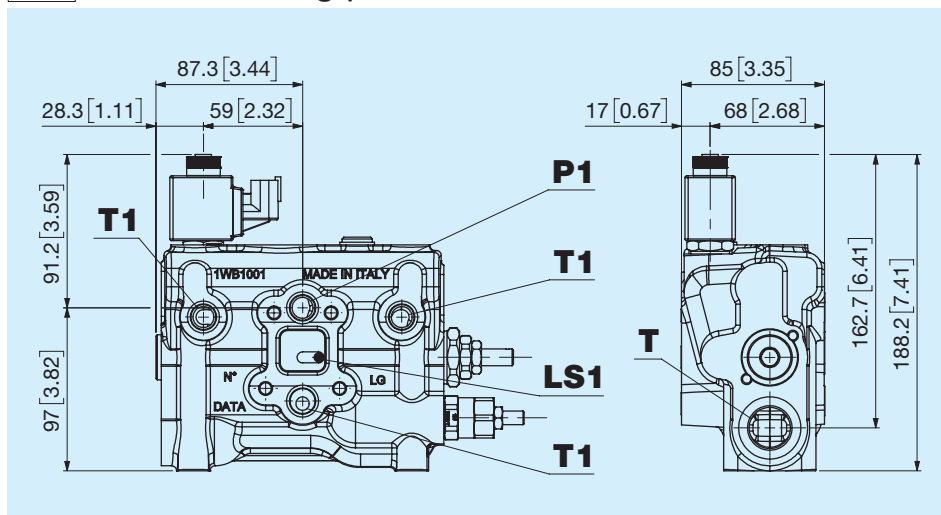
N Replacement plug and General LS



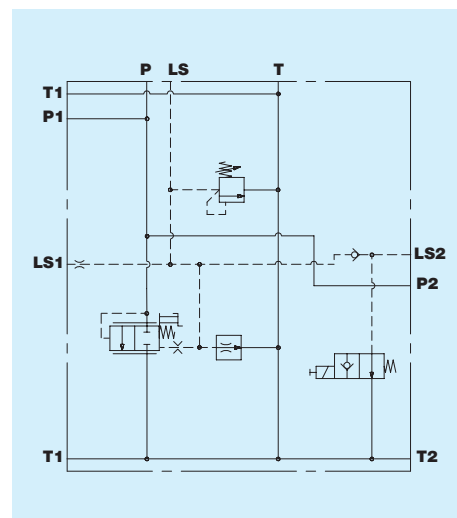
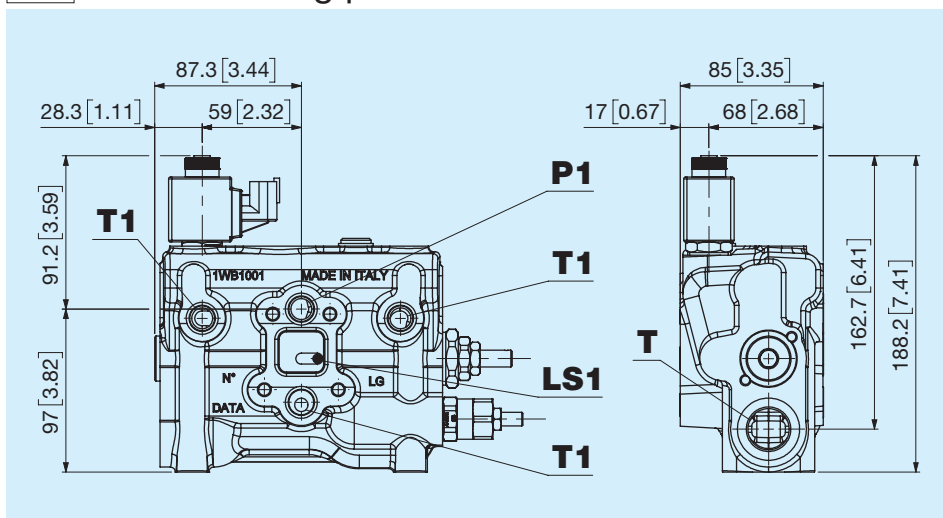
N Replacement plug and Local LS



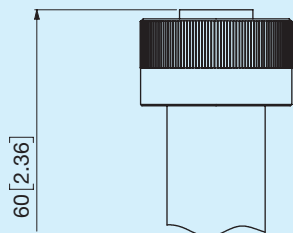
G With unloading pilot valve and General LS



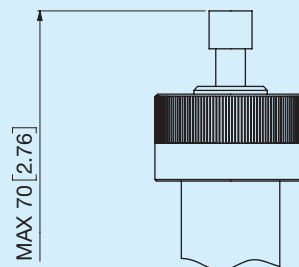
G With unloading pilot valve and Local LS



O Standard terminal



S Emergency screw



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
TE14C															
1	Left side interface														
	E IBW1455				F IBW1477 - For electro-hydraulic actuation of the element										
2	Right side interface														
	N None				B IBW1033				C IBW0500				D IBW0511		
3	Thread type														
	M Male				F Female										
4	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		
5	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		
6	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		
7	Options on port P-T-LS														
	A P-T-LS open				C P open, T-LS plugged				E P-LS plugged, T open				G T-LS open, P plugged		
	B P-T open, LS plugged				D P-LS open, T plugged				F P-T plugged, LS open				H P-T-LS plugged		
8	Options for main compensator														
	A Standard				B With handwheel										
9	Options on line LS+														
	N None				A Booster valve version				B Fixed calibration booster valve				C Adjustable calibration booster valve		
10 11	Booster valve calibration														
	NN None				15 15 bar				30 30 bar						
	05 5 bar				20 20 bar				35 35 bar						
	10 10 bar				25 25 bar				40 40 bar						
12	Port LS+ options														
	N None				A Open				B Plugged						
13	Pressure reducing valve														
	N None				A Standard with fixed calibration				B Processed Plugged						

16	17	18	19	20	21	22	23	24	25
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14	Thread Port MP			
	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		
15	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		
16	Options on Ports MP - MT			
	N None	C MP not processed, MT open	F MP and MT plugged	
	A MP open, MT not processed	D MP not processed, MT plugged	G MP open, MT plugged	
	B MP plugged, MT not processed	E MP and MT open	H MP plugged, MT open	
17	Thread Port Y			
	N None	Q 1/8" GAS ISO 1179		
18	Options port Y			
	N None	A Open	B Plugged	
19	Options main LS line			
	I Compensated orifice	L Compensated orifice ON-OFF		
20	Options additional LS line - right branch			
	N None (No right side interface)	G General - no shuttle valve	L Local dedicated right branch - with shuttle valve	
21	Additional LS line unloading pilot valve			
	N Replacement plug	A 12V DIN 43650	G 12V Deutsch	
	X Not set up	B 24V DIN 43650	H 24V Deutsch	
22	LS line emergency unloading pilot valve			
	N None	O Standard terminal	S Emergency screw	
23 24	Maximum pressure valve type			
	00 VMP replacement plug	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	
25	External coating			
	A External coating	N None		