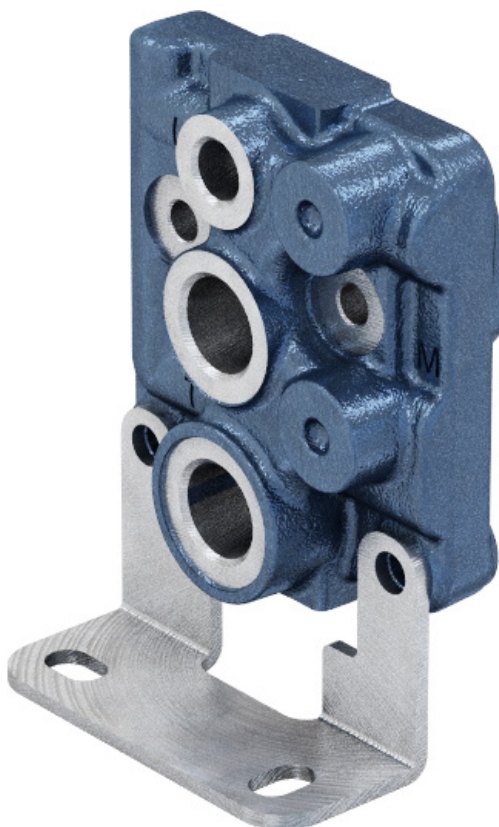
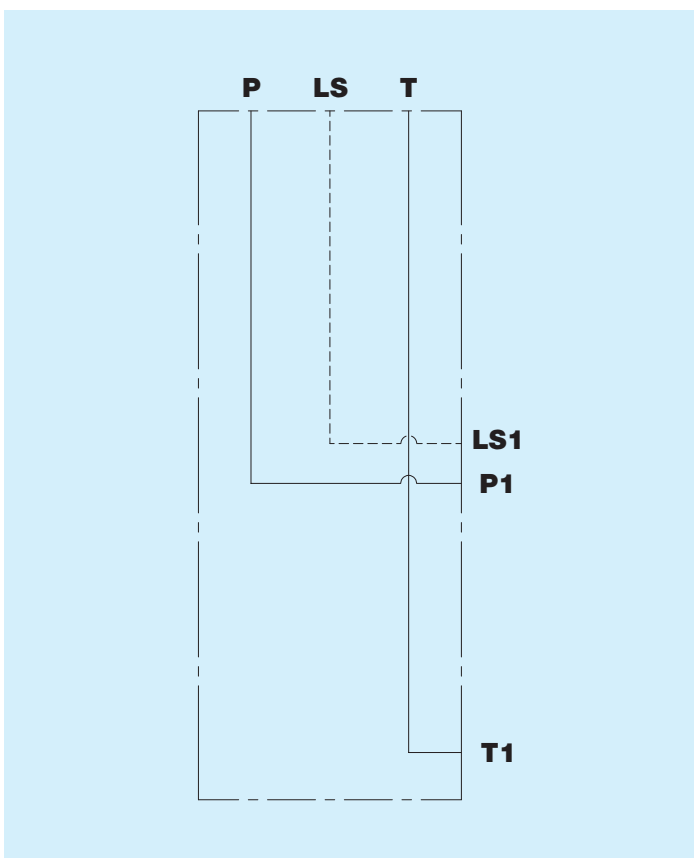


Inlet cover Load sensing TE103F Interface IBW1033

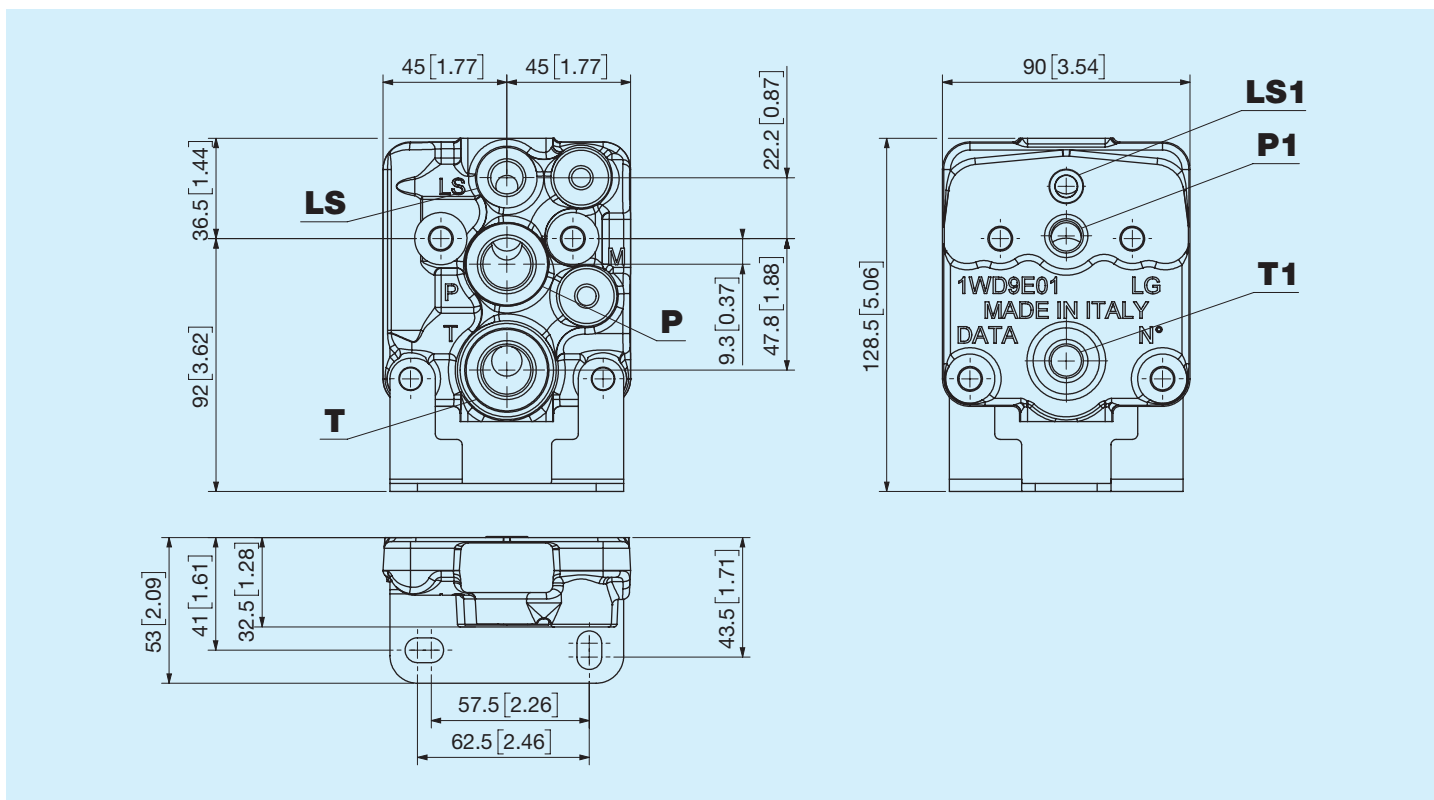


Before use, carefully read the GENERAL INSTRUCTIONS FOR USE OF DIRECTIONAL CONTROL VALVES

Nominal flow	100 l/min 26.41 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	1.4 kg 3.08 lb
Interface	IBW1033



Dimensions



Thread Port P

Model	Type	Torque Nm
B	1/2" GAS ISO 1179	70
N	M22x1.5 ISO 9974	78
J	M22x1.5 ISO 6149	78
R	7/8" - 14 SAE ISO 11926	77

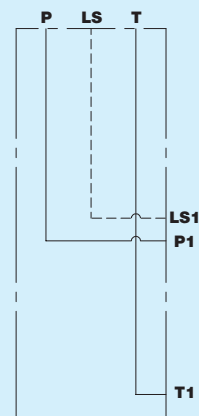
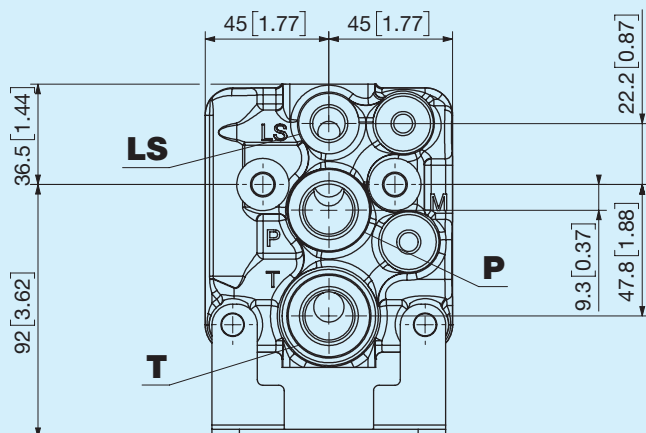
Thread Port T

Model	Type	Torque Nm
0	None	
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

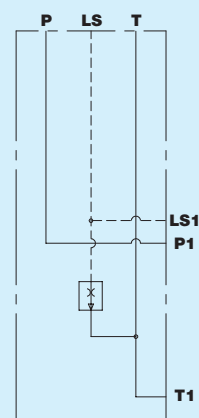
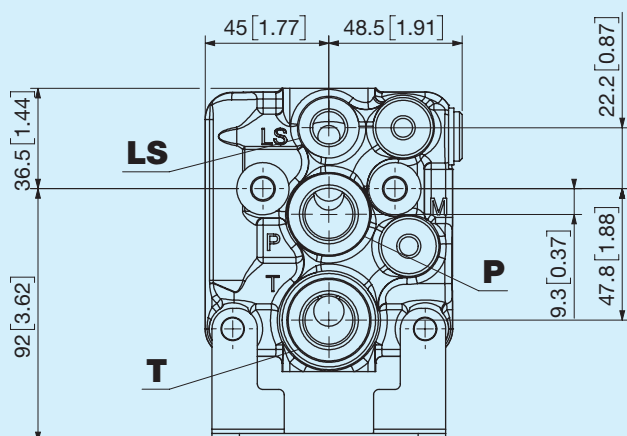
Thread Port LS

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

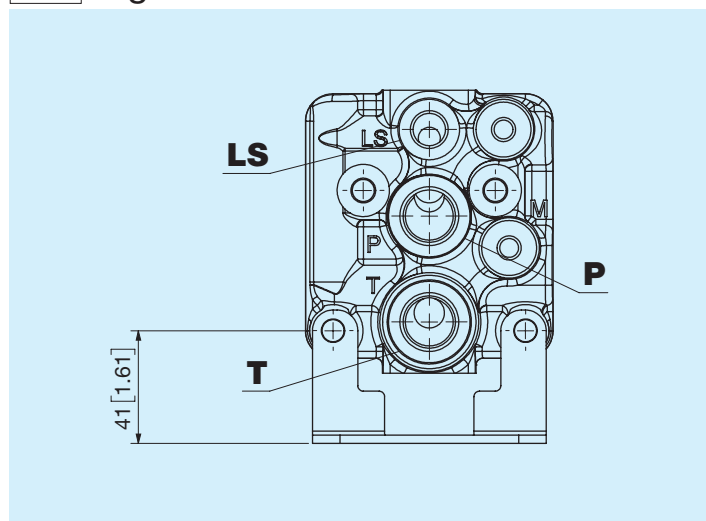
N None



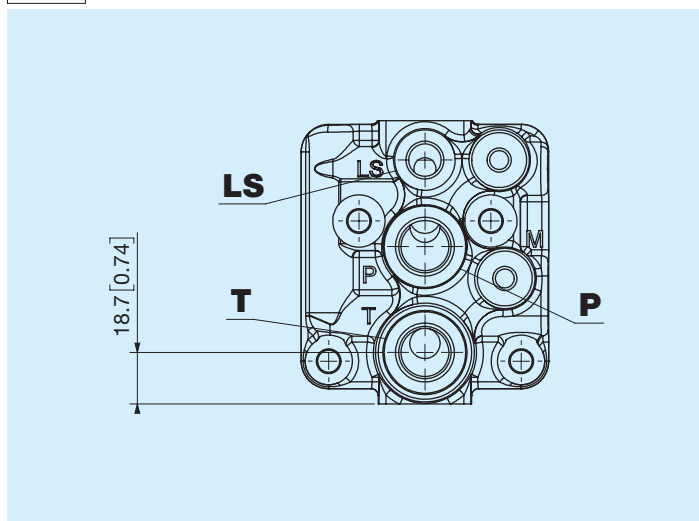
A With cartridge relief valve



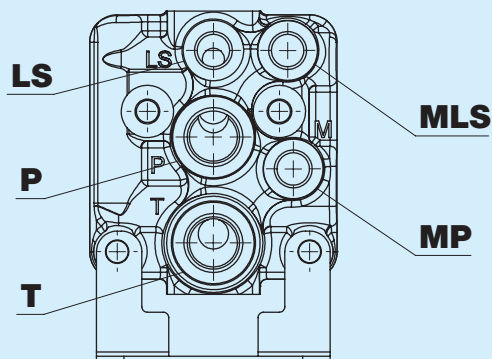
H3 High



NN None



MP and MLS - Pressure gauge inlets



Thread Port MP and MLS

Model	Type	Torque Nm
N	None	
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

	1	2	3	4	5	6	7	8	9	10	11	12
TE103F												
1	Thread type											
	M Male					F Female						
2	Thread Port P											
	B 1/2" GAS ISO 1179			N M22x1.5 ISO 9974			J M22x1.5 ISO 6149			R 7/8" - 14 SAE ISO 11926		
3	Thread Port T											
	0 None			N M22x1.5 ISO 9974			U M27x2 ISO 6149					
	B 1/2" GAS ISO 1179			J M22x1.5 ISO 6149			R 7/8" - 14 SAE ISO 11926					
	F 3/4" GAS ISO 1179			5 M27x2 ISO 9974			V 1" 1/16 - 12 SAE ISO 11926					
4	Thread Port LS											
	L 1/4" GAS ISO 1179			3 M14x1.5 ISO 9974			K M14x1.5 ISO 6149			P 9/16" - 18 SAE ISO 11926		
5	Options on port P-T-LS											
	A P-T-LS open			B P-T open, LS plugged			C P open, T-LS plugged			D P-LS open, T plugged		
6	Options on lines LS											
	N None					A With cartridge relief valve						
7 8	Bracket height											
	H3 High					NN None						
9	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								
10	Thread Port MLS											
	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								
11	Options on ports MP - MLS											
	N None			C MP not processed, MLS open			F MP and MLS plugged					
	A MP open, MLS not processed			D MP not processed, MLS plugged			G MP open, MLS plugged					
	B MP plugged, MLS not processed			E MP and MLS open			H MP plugged, MLS open					
12	External coating											
	A External coating					N None						