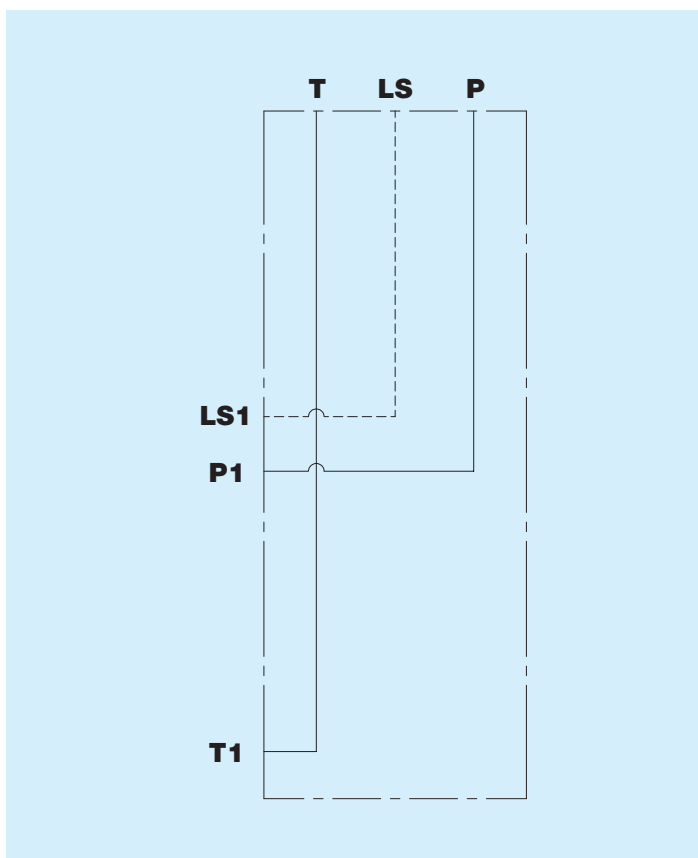


TU051F Outlet cover Load sensing Interface IBW0511

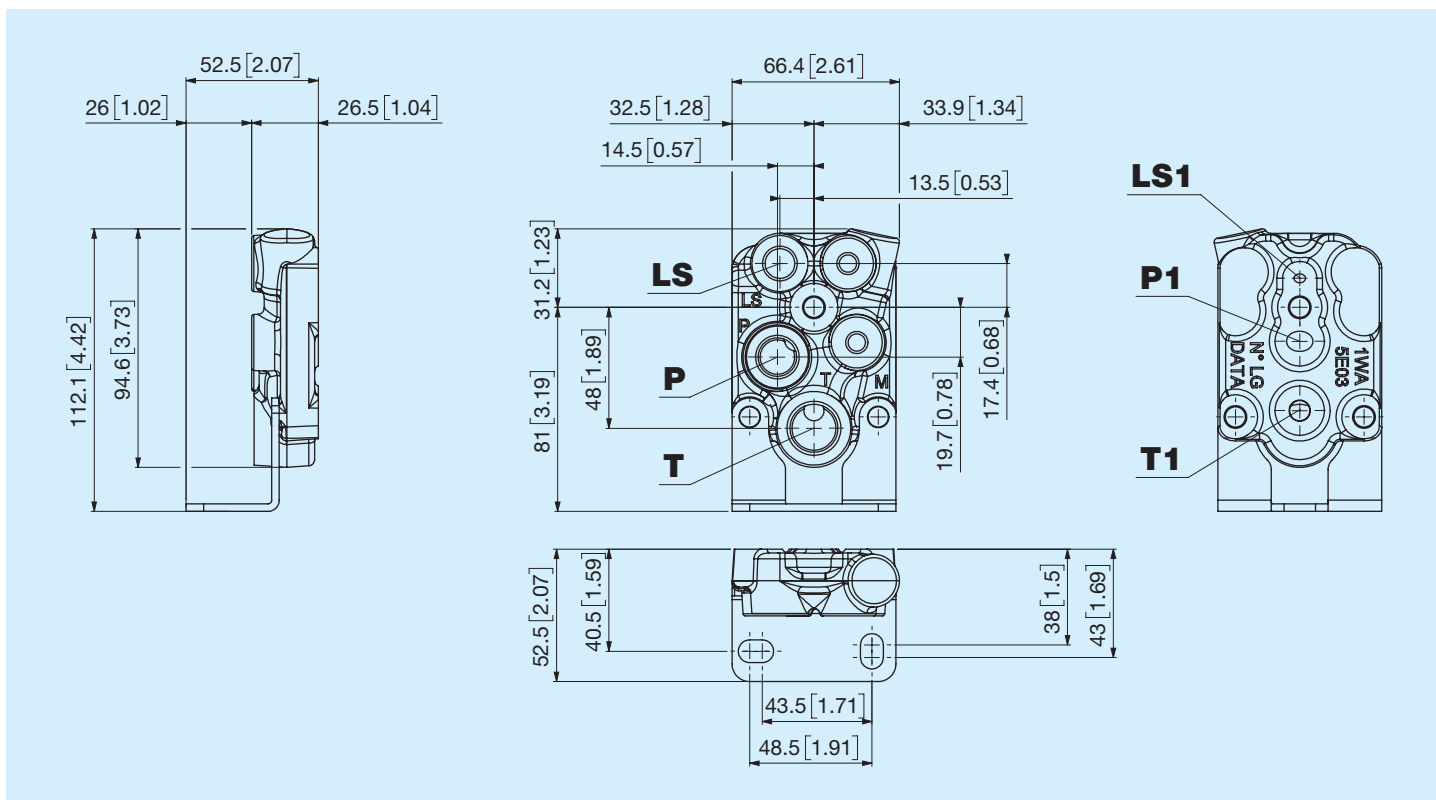


Before use, carefully read the GENERAL INSTRUCTIONS FOR USE OF DIRECTIONAL CONTROL VALVES

Nominal flow rate	50 l/min 13.2 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	0.4 kg 0.88 lb
Interface	IBW0511



Overall dimensions



Thread port P

Model	Type	Torque Nm
O	None	
A	3/8" GAS ISO 1179	35
C	M18x1.5 ISO 9974	40
W	M18x1.5 ISO 6149	40
E	3/4" - 16 SAE ISO 11926	50

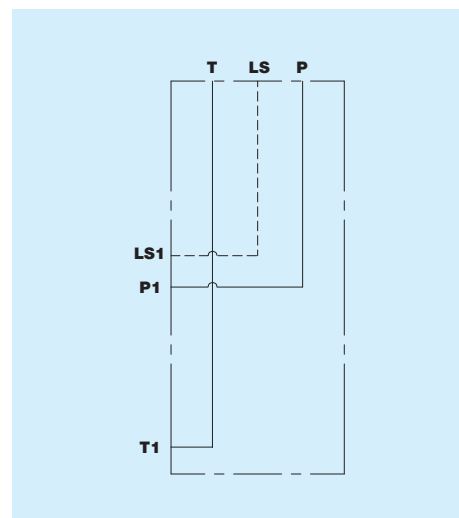
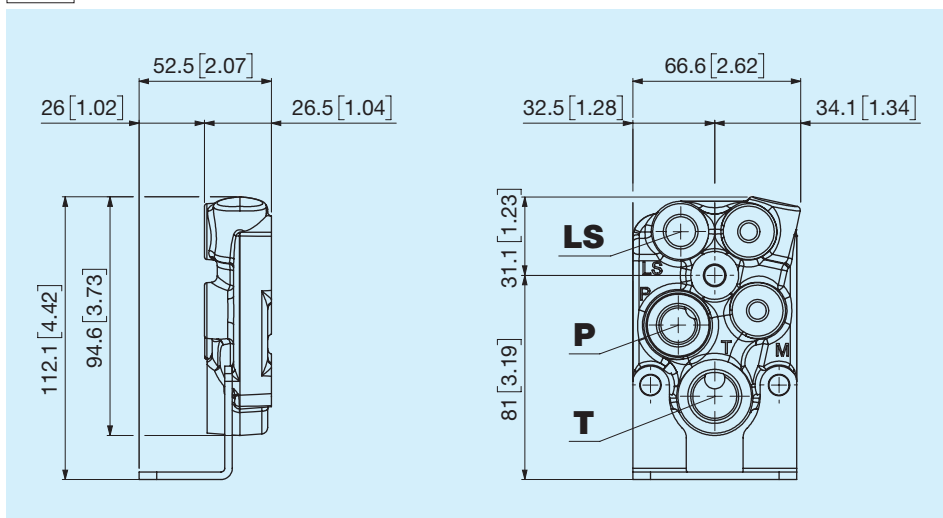
Thread port T

Model	Type	Torque Nm
O	None	
A	3/8" GAS ISO 1179	35
B	1/2" GAS ISO 1179	70
C	M18x1.5 ISO 9974	40
N	M22x1.5 ISO 9974	78
W	M18x1.5 ISO 6149	40
J	M22x1.5 ISO 6149	60
E	3/4" - 16 SAE ISO 11926	50
R	7/8" - 14 SAE ISO 11926	77

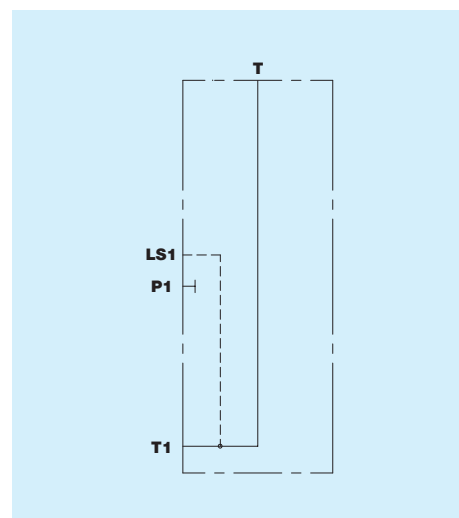
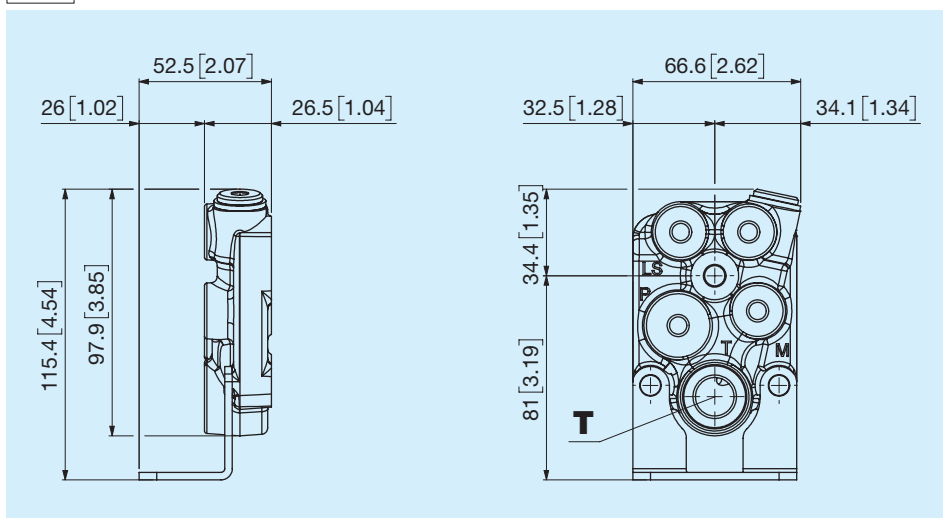
Thread port LS

Model	Type	Torque Nm
O	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

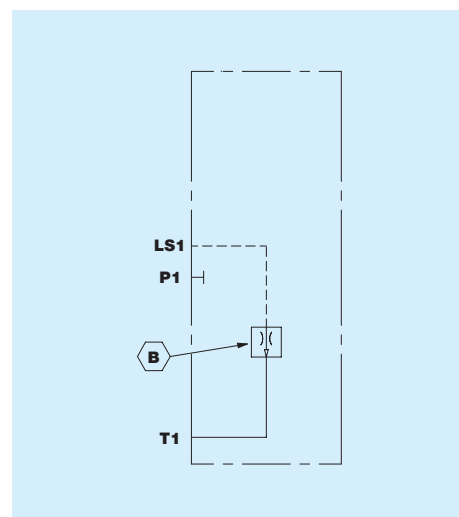
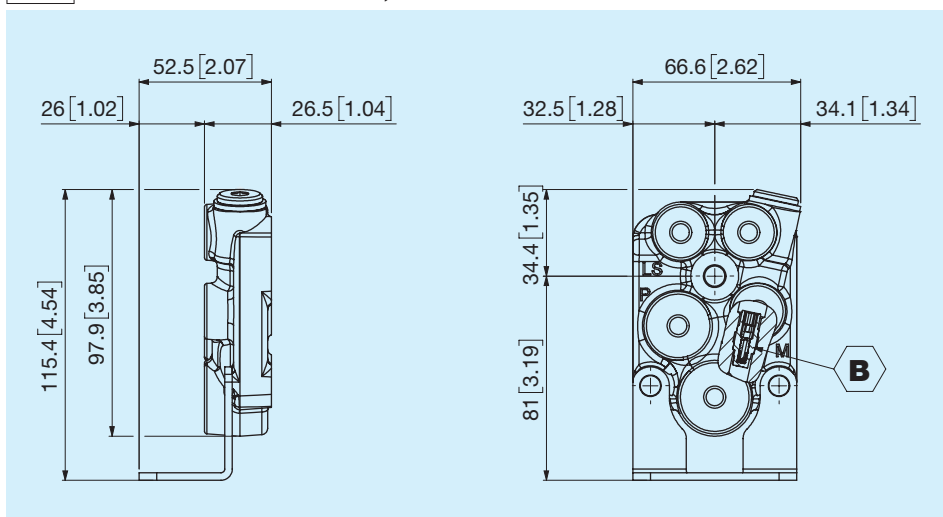
N None



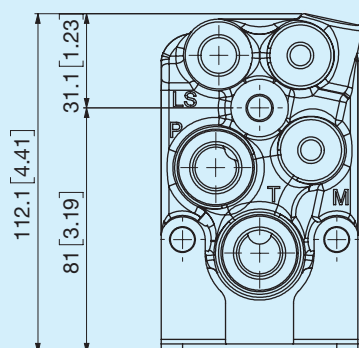
A With LS line to tank



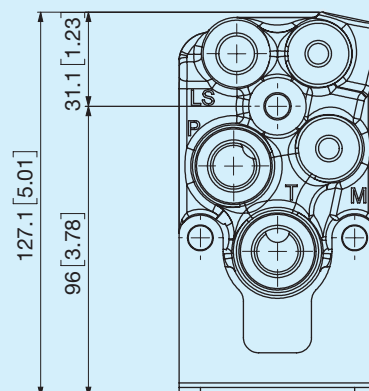
B With drain valve 0,5 l/min



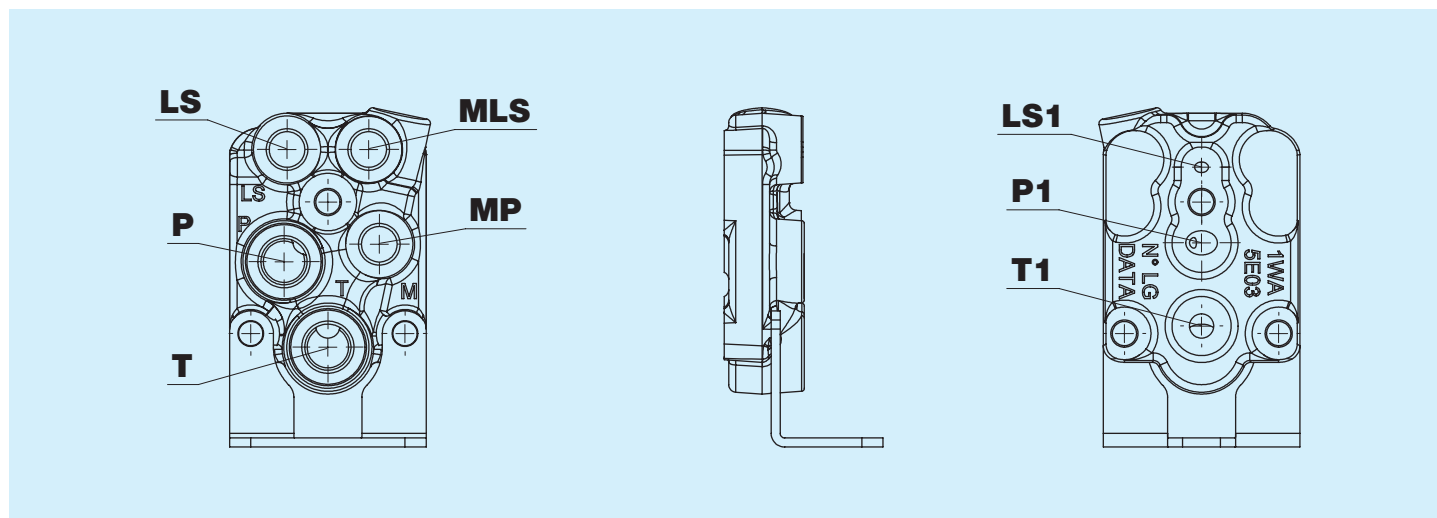
H2 Standard



H3 High



MP and MLS - Gauge ports



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	13	14
TU051F														
1	Thread type													
	F Female			N None				...					...	None thread is possible only with none P-T-LS threads
2	Thread port P													
	0 None			C tM18x1.5 ISO 9974				E 3/4" - 16 SAE ISO 11926						
	A 3/8" GAS ISO 1179			W M18x1.5 ISO 6149										
3	Thread port T													
	0 None			C tM18x1.5 ISO 9974				J M22x1.5 ISO 6149						
	A 3/8" GAS ISO 1179			N M22x1.5 ISO 9974				E 3/4" - 16 SAE ISO 11926						
	B 1/2" GAS ISO 1179			W M18x1.5 ISO 6149				R 7/8" - 14 SAE ISO 11926						
4	Thread port LS													
	0 None			3 tM14x1.5 ISO 9974				P 9/16" - 18 SAE ISO 11926						
	L 1/4" GAS ISO 1179			K tM14x1.5 ISO 6149										
5	Options on port P													
	A P open			B P plugged				N None						
6	Options on port T													
	A T open			B T plugged				N None						
7	Option on port LS													
	A LS open			B LS plugged				N None						
8	Options on LS line													
	N None			A With LS line to tank				B With drain valve 0,5 l/min						
9 10	Bracket height													
	H2 Standard			H3 High										
11	Thread port MP													
	N None			3 tM14x1.5 ISO 9974				P 9/16" - 18 SAE ISO 11926						
	L 1/4" GAS ISO 1179			K tM14x1.5 ISO 6149										
12	Thread port MLS													
	N None			3 tM14x1.5 ISO 9974				P 9/16" - 18 SAE ISO 11926						
	L 1/4" GAS ISO 1179			K tM14x1.5 ISO 6149										
13	Options on ports MP - MLS													
	N None			E MP and MLS open				F MP and MLS plugged						

14



External treatment

N None

Z Zinc plating