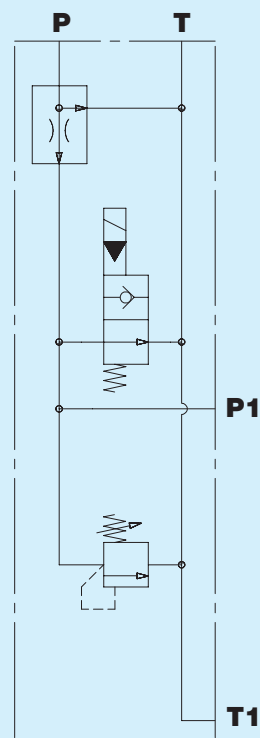


Inlet cover Flow rate level TE050T Interface IBW0500

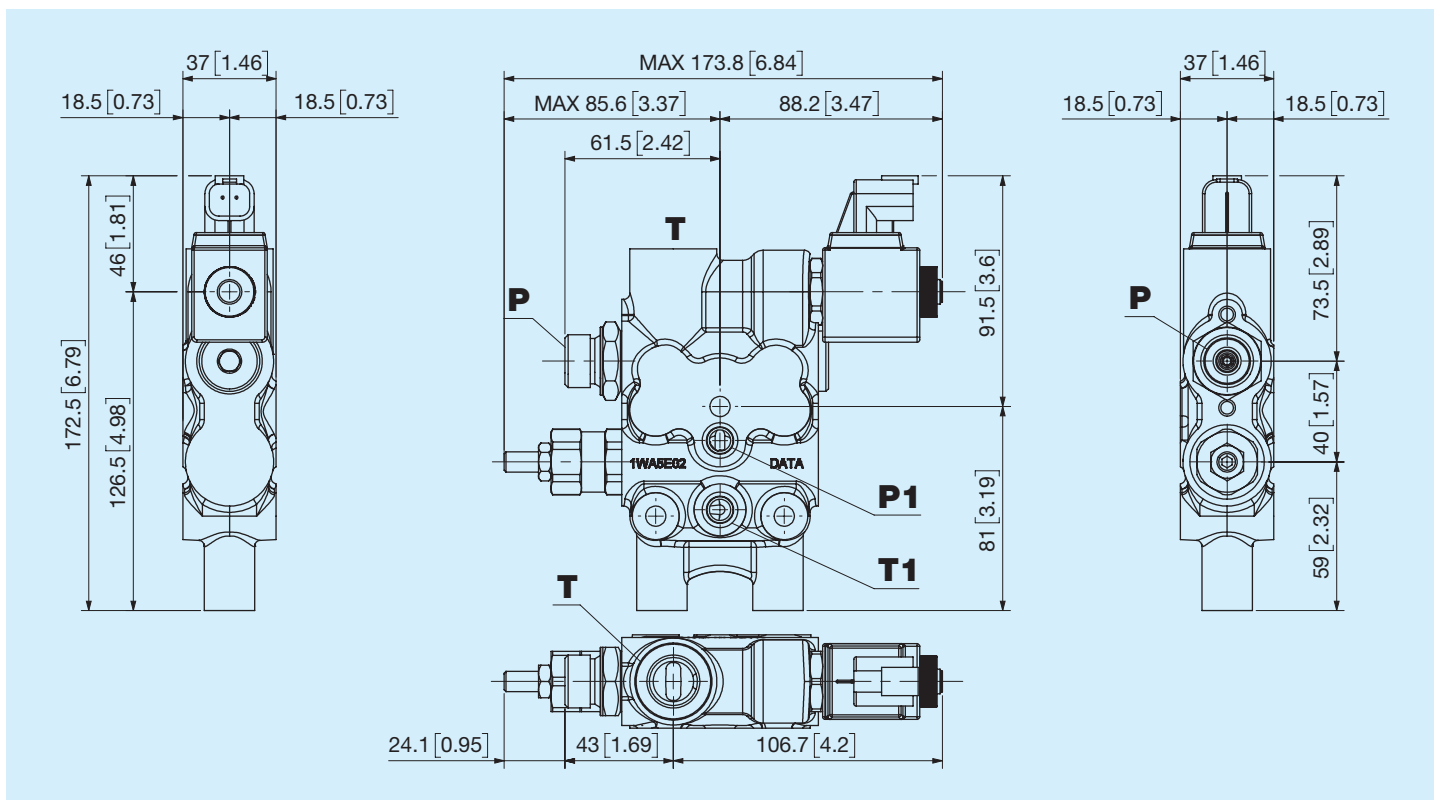


Before use, carefully read the GENERAL INSTRUCTIONS FOR USE OF DIRECTIONAL CONTROL VALVES

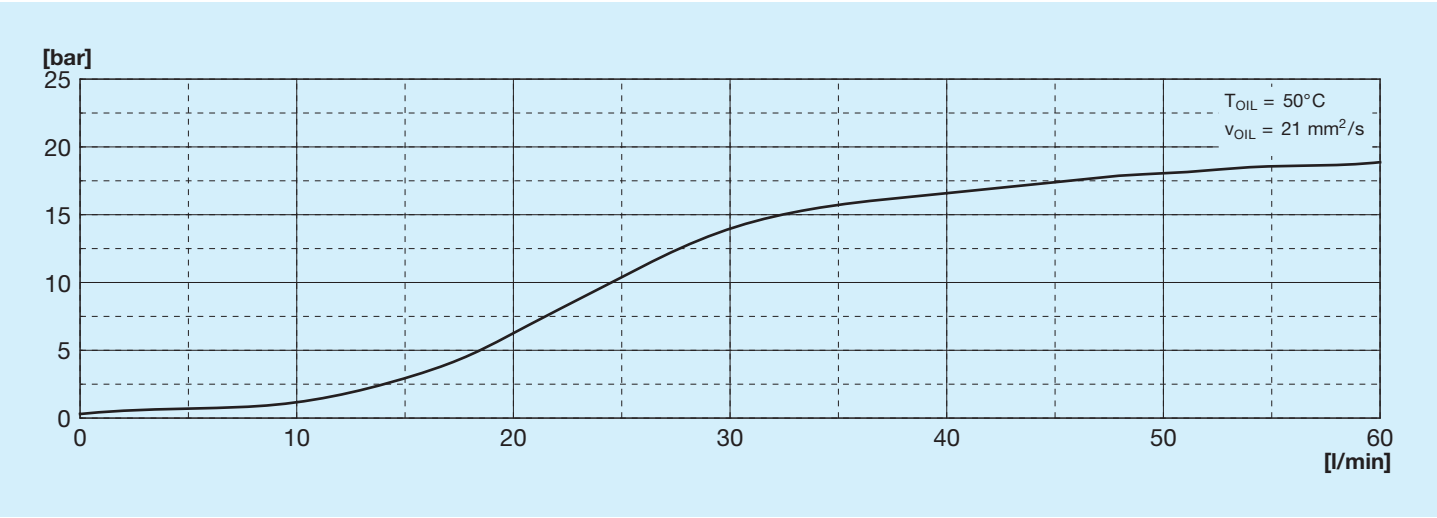
Nominal flow	60 l/min 15.84 US gpm
Max flow priority	35 l/min 9.24 US gpm
Nominal pressure	250 bar 3625 psi
Maximum tank pressure	50 bar 725 psi
Temperature range	-20°C +85°C NBR seals (max peak +100°C) -20°C + 130°C HNBR seals
Oil viscosity	from 15 mm²/s to 90 mm²/s (15 cSt to 90 cSt)
Fluid	Hydraulic fluids as defined in ISO 6743-4 standard
Weight	1.7 kg 3.88 lb
Interface	IBW0500



Dimensions



Head losses P - T



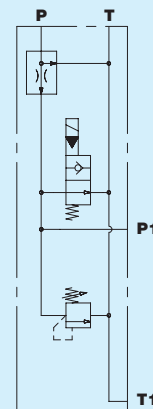
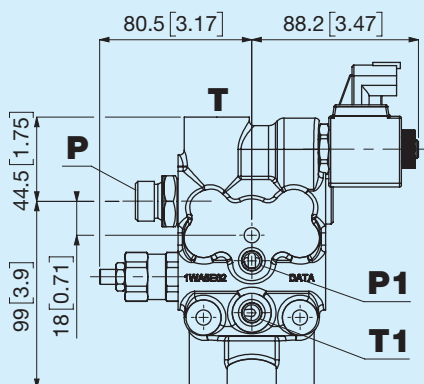
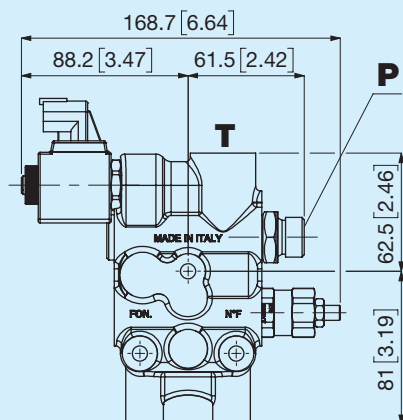
Thread Port P

Model	Type	Torque Nm
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

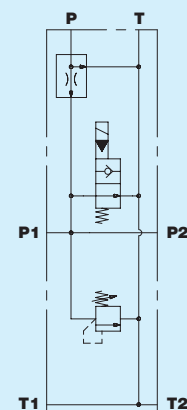
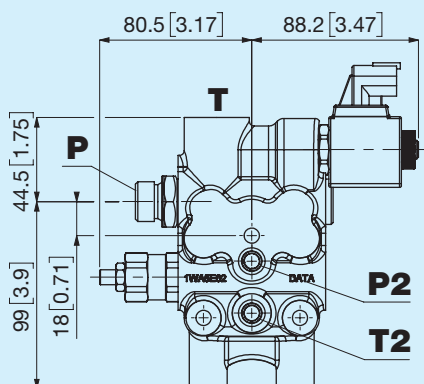
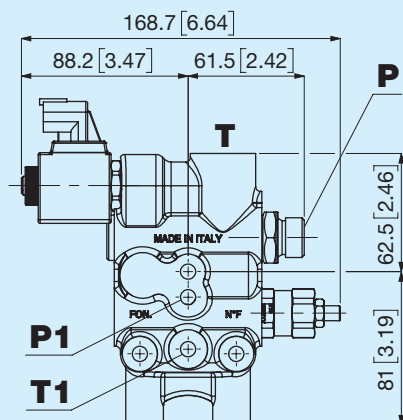
Thread Port T

Model	Type	Torque Nm
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

S Standard



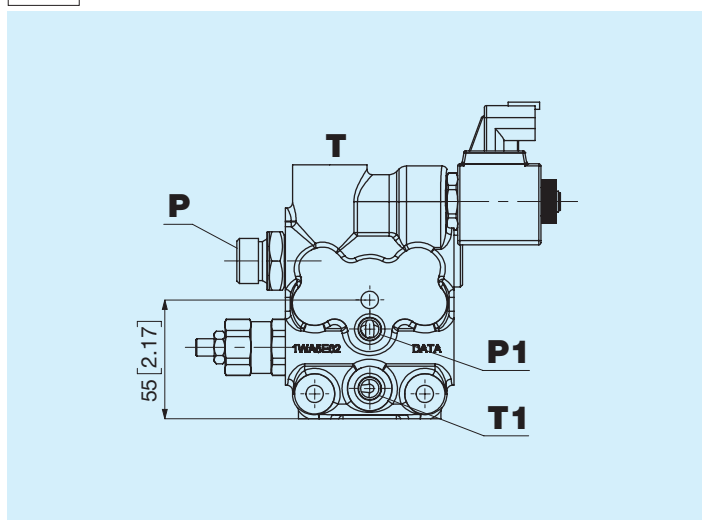
A P-T feedthroughs



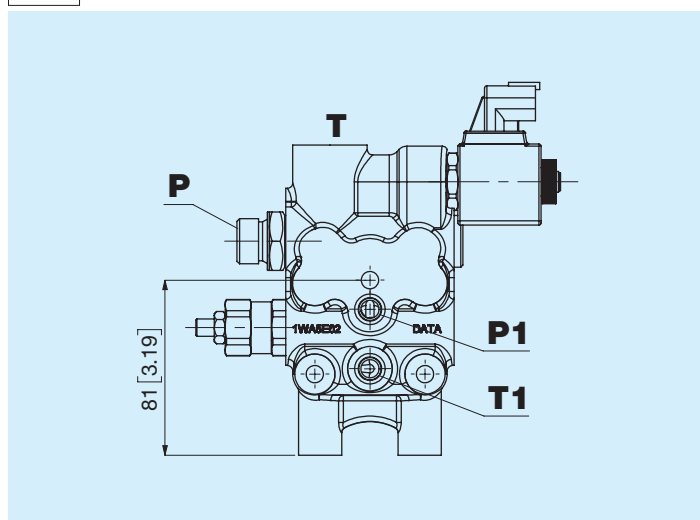
Priority flow rate

Model	l/min	US gpm
0A	10	2,64
0B	15	3,96
0C	20	5,28
0D	25	6,60
0E	30	7,92
0F	35	9,24
0G	40	10,56

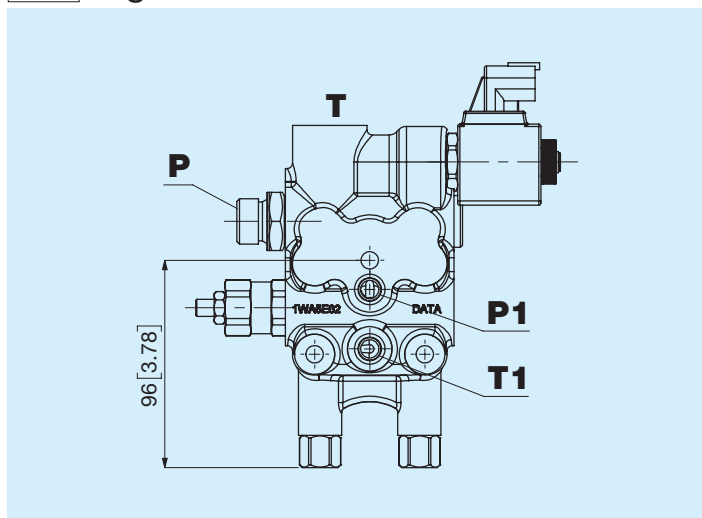
H1 Low



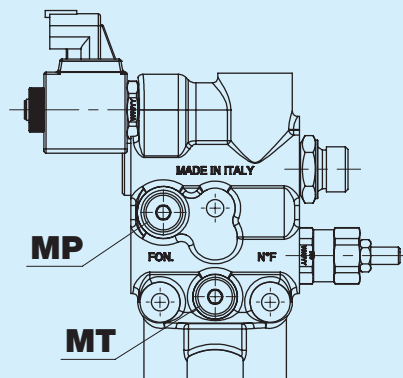
H2 Standard



H3 High



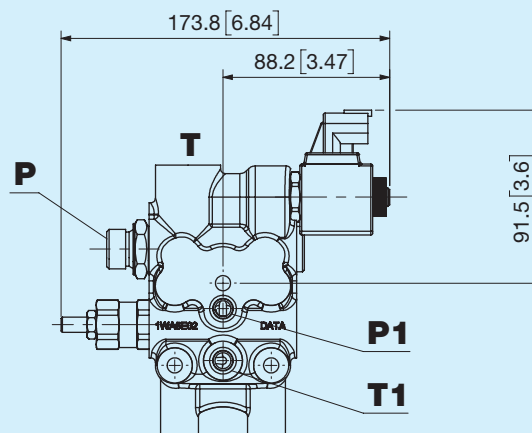
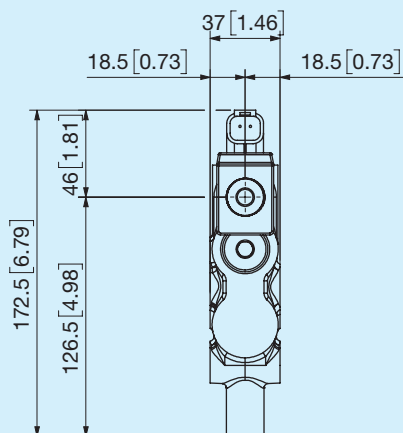
MP and MT - Pressure gauge inlets



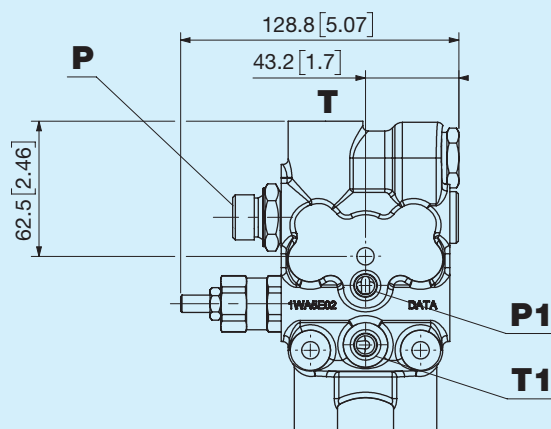
Options on ports MP and MT

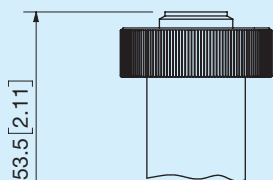
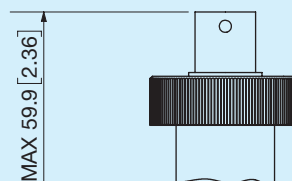
Model	Type	Torque Nm
N	None	
L	1/4" GAS ISO 1179	14
3	M14x1.5 ISO 9974	10
K	M14x1.5 ISO 6149	10
P	9/16" - 18 SAE ISO 11926	21

G With unloading pilot valve



N Replacement plug



O Standard terminal**S** Emergency screw

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
TE050T																
1	Thread type															
	M Male				F Female											
2	Thread Port P															
	A 3/8" GAS ISO 1179				C M18x1.5 ISO 9974				W M18x1.5 ISO 6149				E 3/4" - 16 SAE ISO 11926			
	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															
	A 3/8" GAS ISO 1179				C M18x1.5 ISO 9974				W M18x1.5 ISO 6149				E 3/4" - 16 SAE ISO 11926			
	B 1/2" GAS ISO 1179				N M22x1.5 ISO 9974				J M22x1.5 ISO 6149				R 7/8" - 14 SAE ISO 11926			
4	Options on port P-T															
	A P plugged				B T plugged				N None							
5	Options on lines P-T															
	S Standard				A P-T feedthroughs											
6 7	Priority flow rate															
	0A 10 l/min - 2.64 US gpm				0C 20 l/min - 5.28 US gpm				0E 30 l/min - 7.92 US gpm				0G 40 l/min - 10.56 US gpm			
	0B 15 l/min - 3.96 US gpm				0D 25 l/min - 6.60 US gpm				0F 35 l/min - 9.24 US gpm							
8 9	Cover height															
	H1 Low				H2 Standard				H3 High							
10	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											
11	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											
12	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							
13	Unloading pilot valve type															
	N Replacement plug				B 24V DIN 43650				H 24V Deutsch							
	A 12V DIN 43650				G 12V Deutsch											
14	Emergency unloading pilot valve type															
	N None				O Standard terminal				S Emergency screw							

17

18

15 16

Maximum pressure valve type

00 VMP replacement plug	08 80 bar	14 140 bar	20 200 bar
03 30 bar	09 90 bar	15 150 bar	21 210 bar
04 40 bar	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

17

Type of lead seal

C Cap	P Lead	R Dowel	N None
--------------	---------------	----------------	---------------

18

External coating

A External coating	N None
---------------------------	---------------