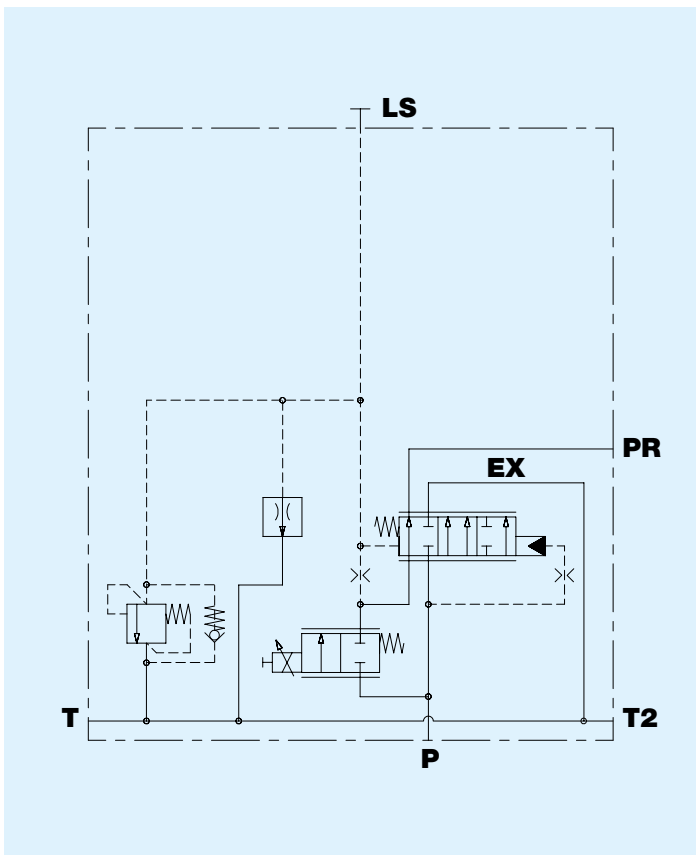


TE05P Inlet cover L.S. with priority
Interfaces IBW0500 - IBW0511 - Port T - TE05C

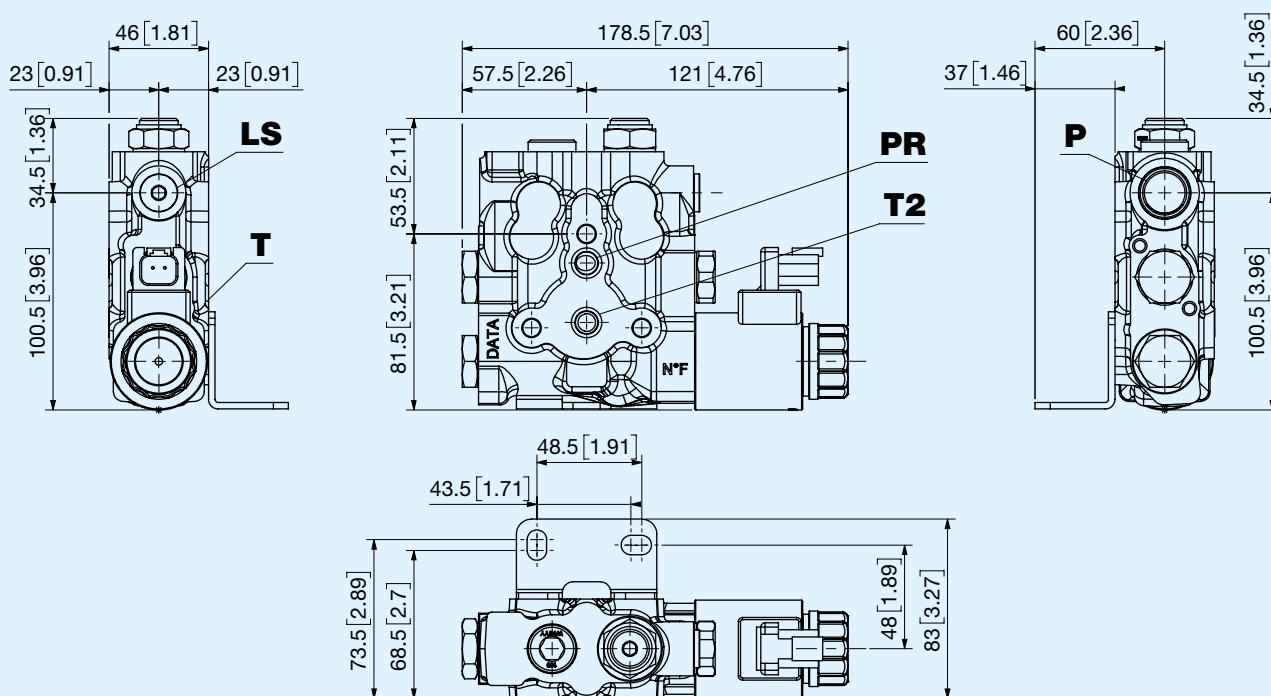


Before use, carefully read the GENERAL INSTRUCTIONS FOR USE OF DIRECTIONAL CONTROL VALVES

Nominal flow	70 l/min 18.48 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	3 kg 6.6 lb
Interface	IBW0500 - IBW0511 - Port T - TE05C



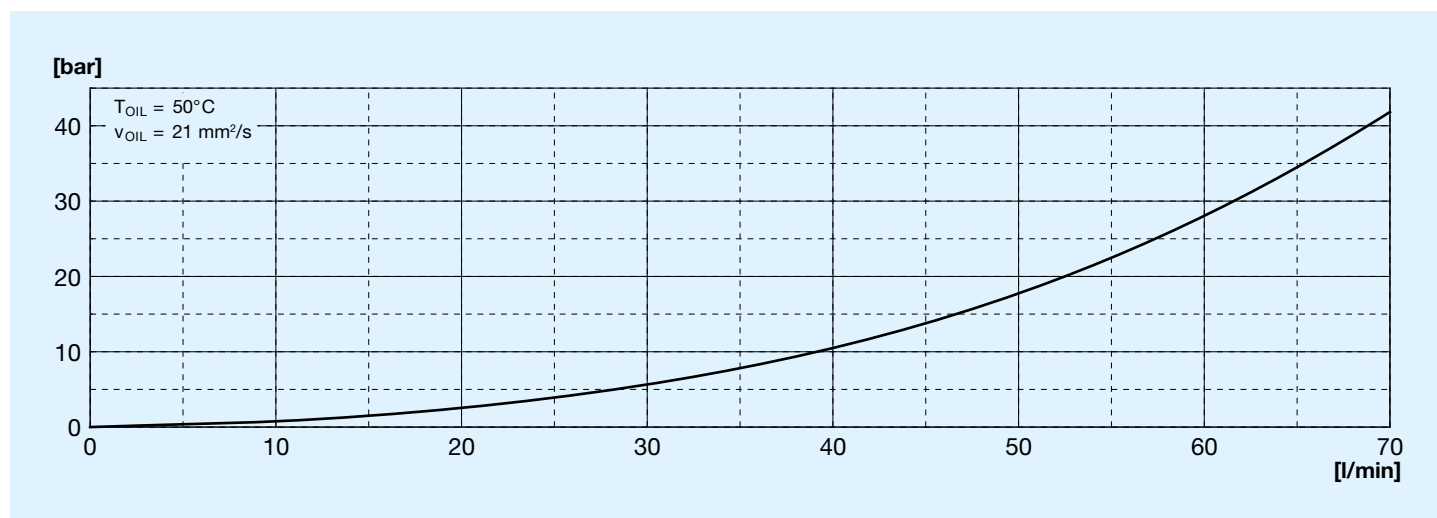
Dimensions



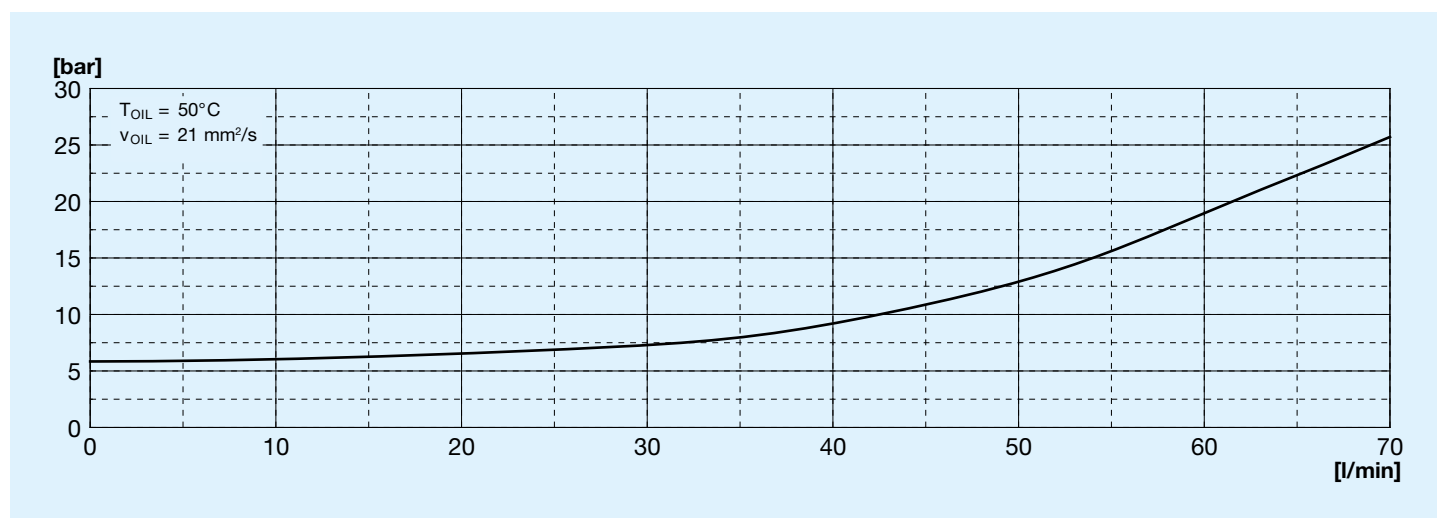
PR = Priority

EX = Excess

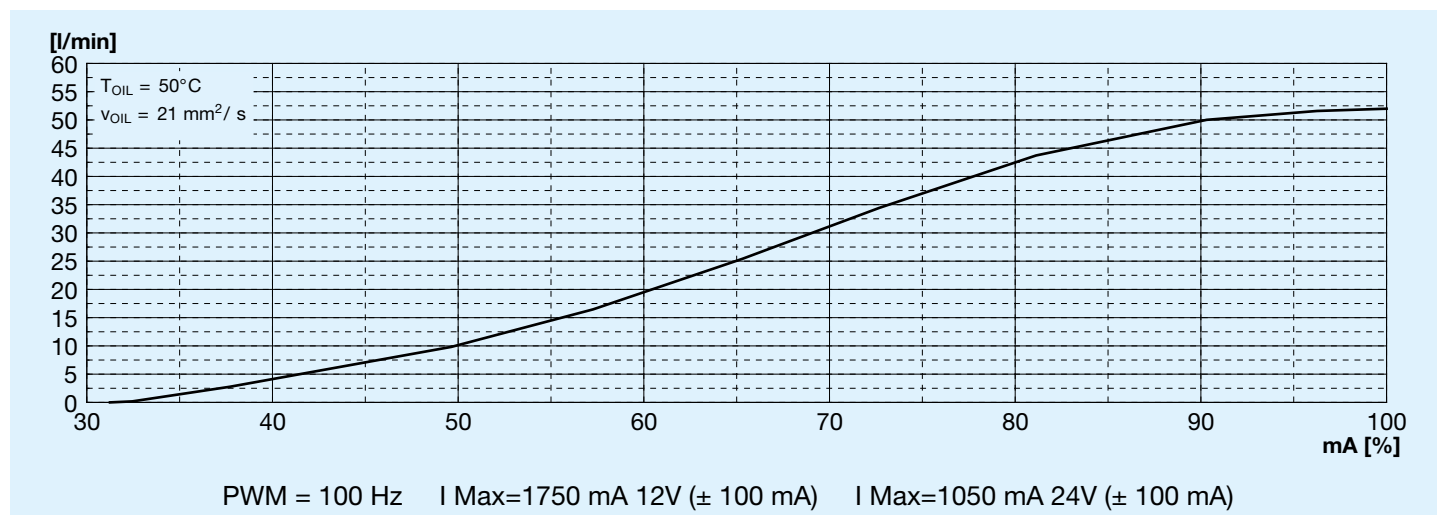
Flow curve P - PR



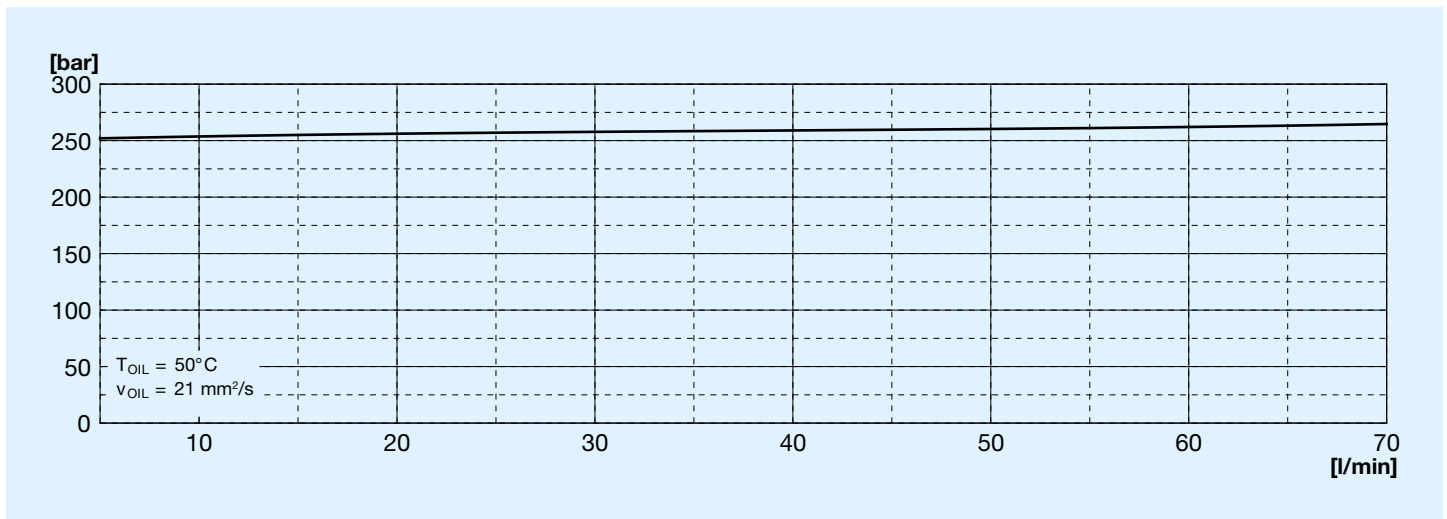
Flow curve P - EX



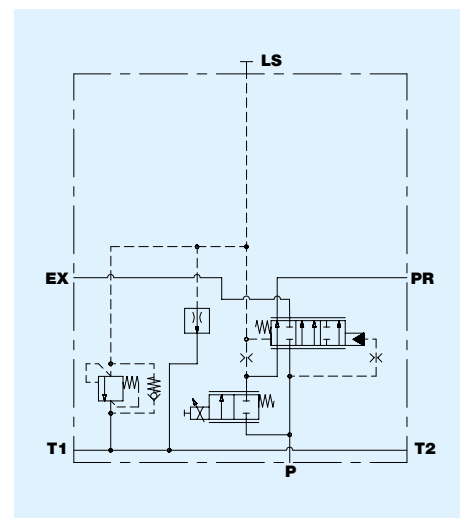
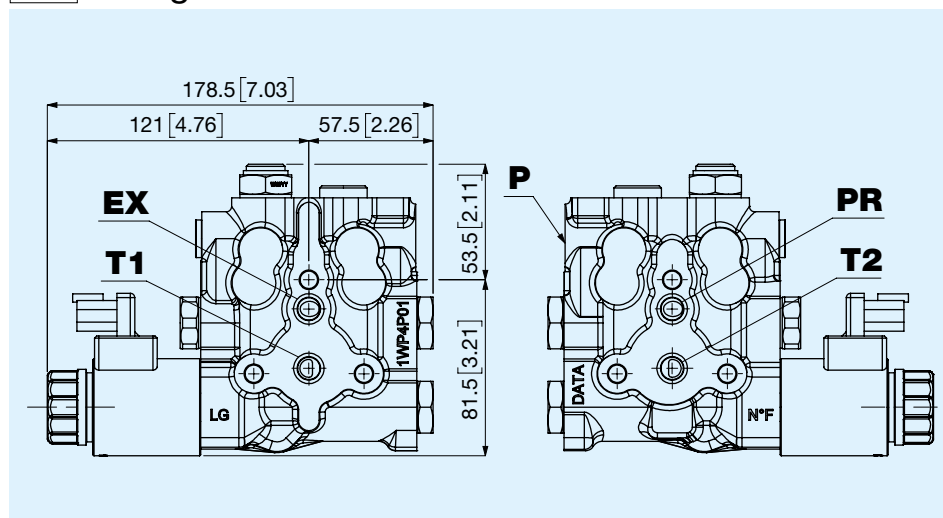
Electro-proportional actuator



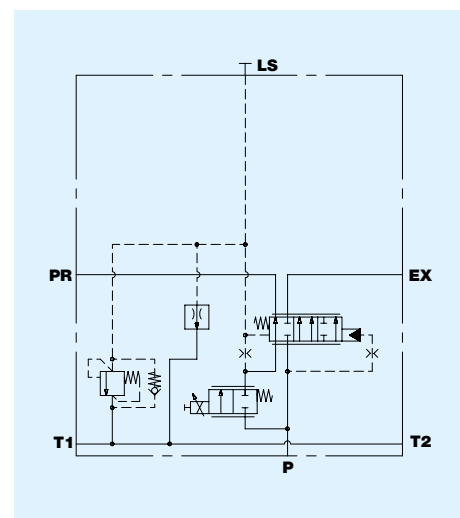
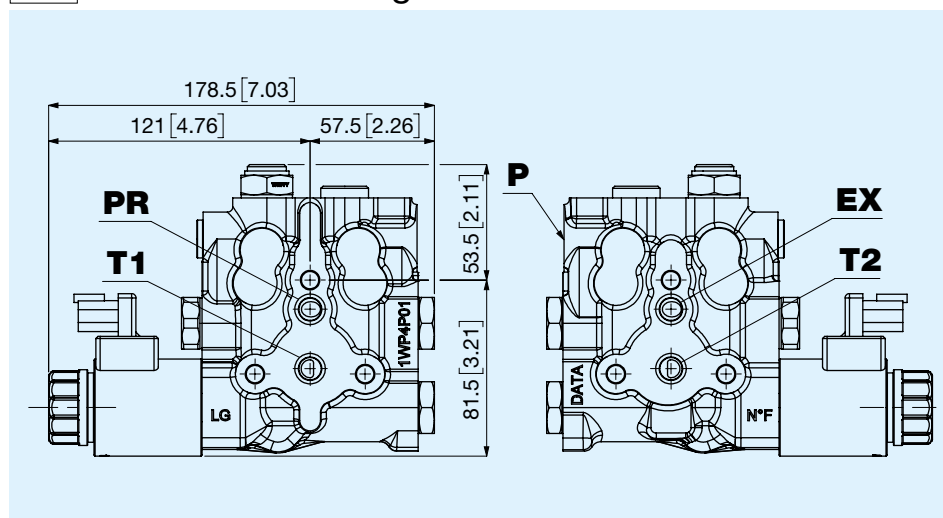
Flow curve VMP - Pressure relief valve



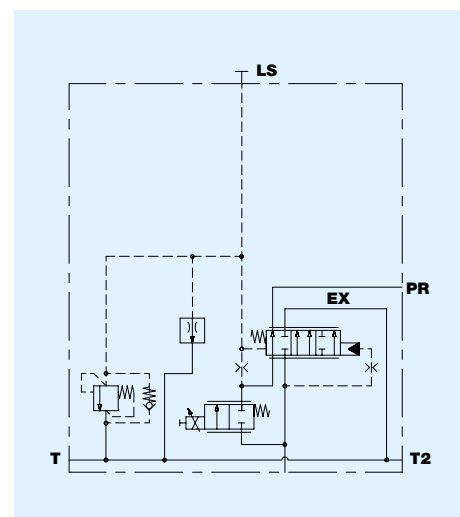
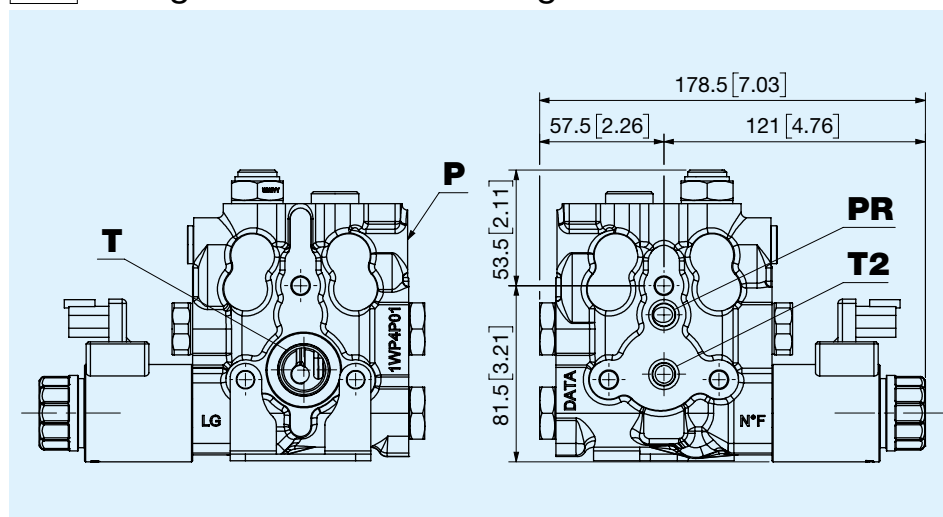
A PR right side - EX left side



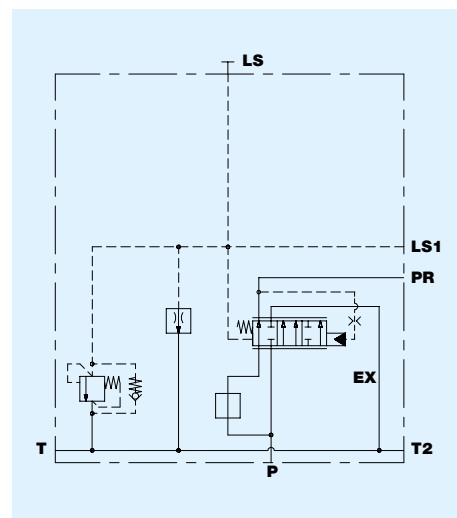
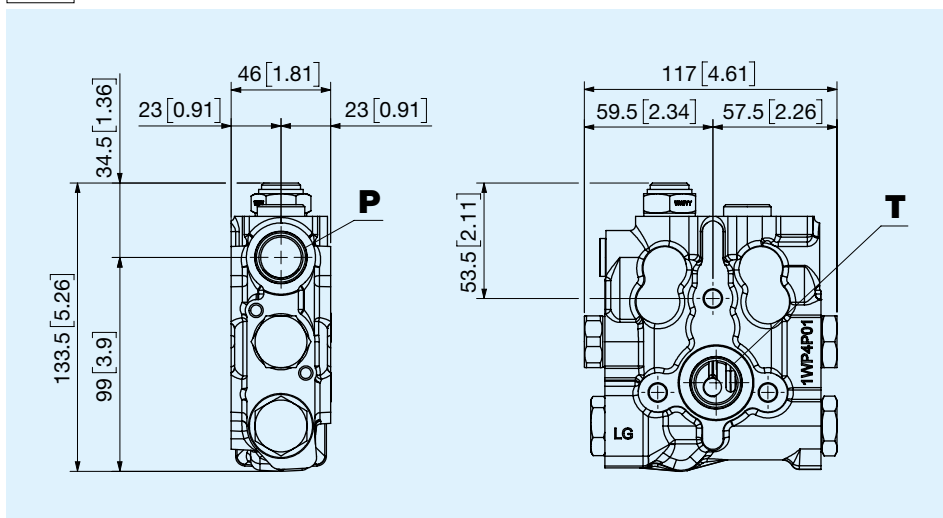
B PR left side - EX right side



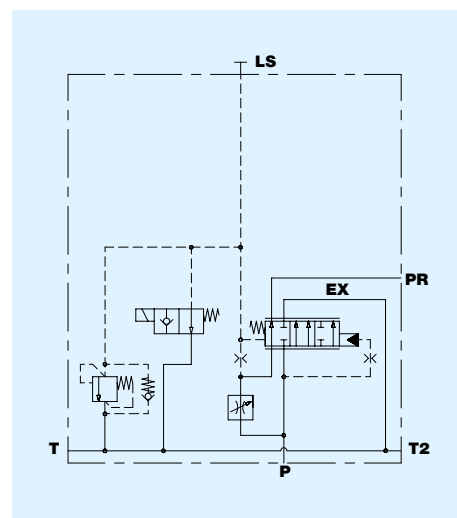
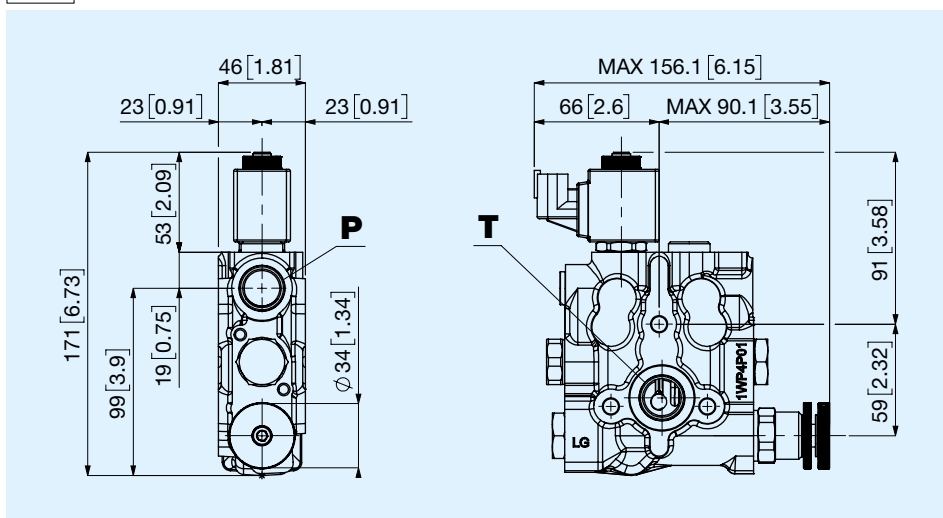
C PR right side - EX unloading



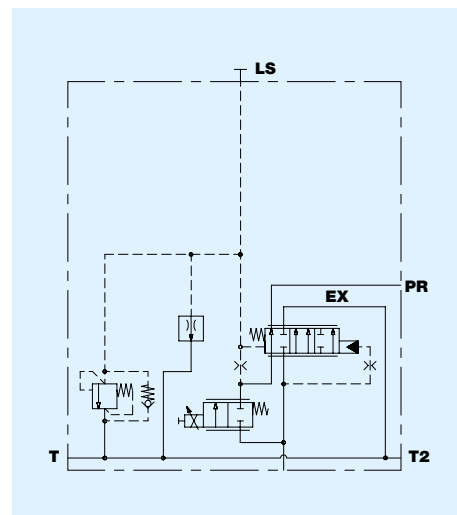
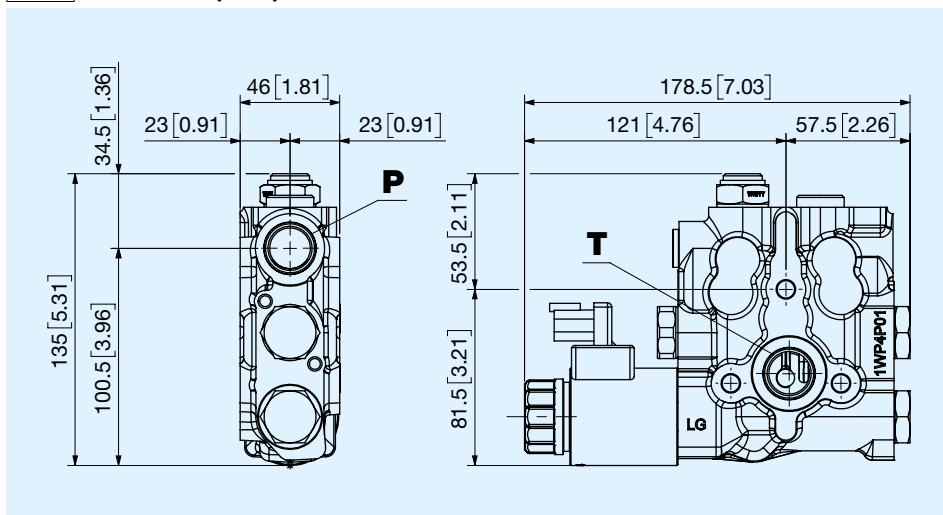
N No actuator



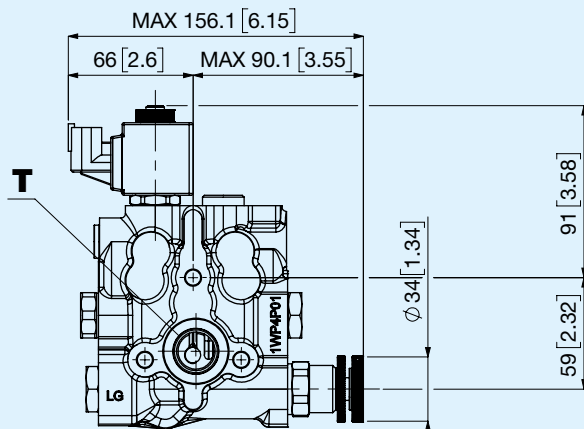
M Manual actuator



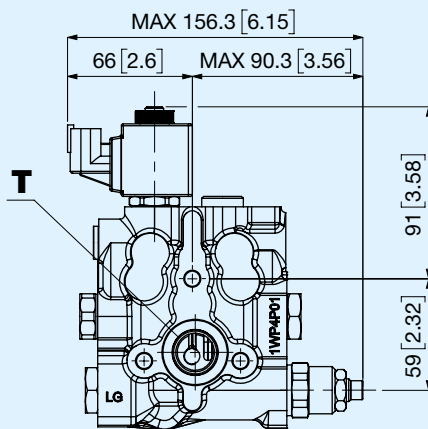
P Electro-proportional actuator

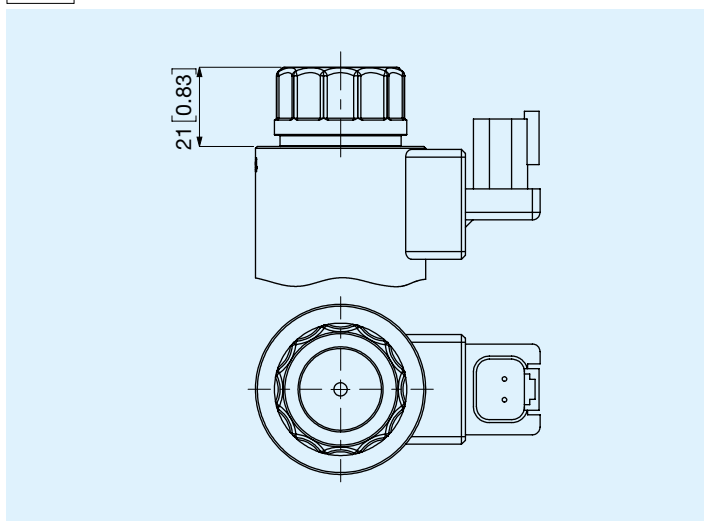
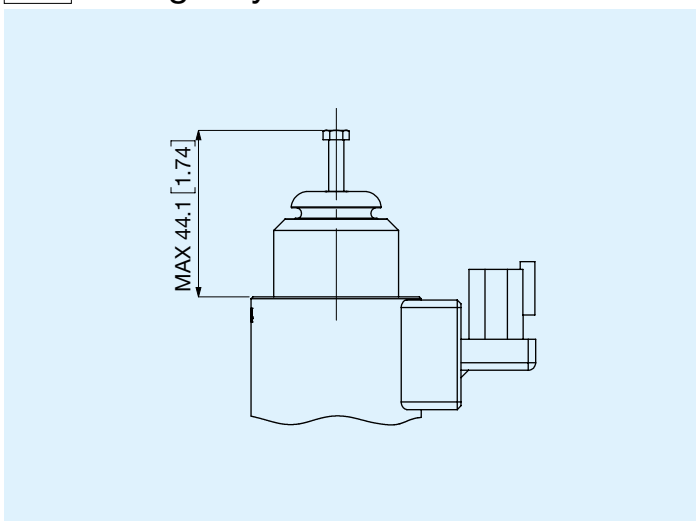


V

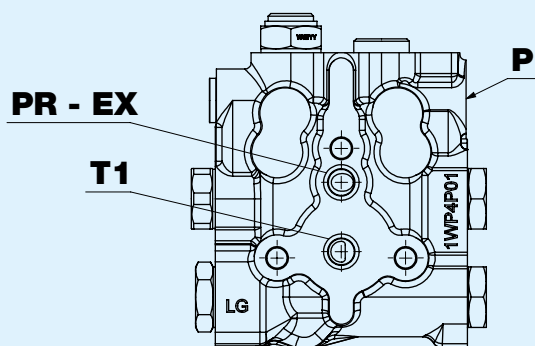


M

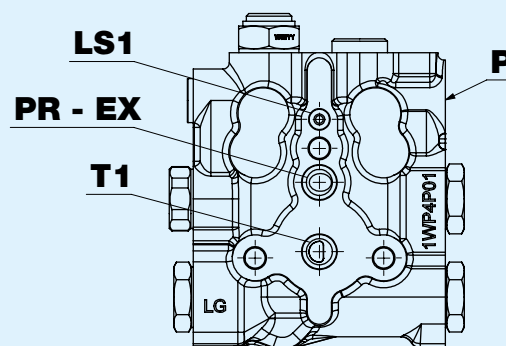


M Manual with free return**S** Emergency screw

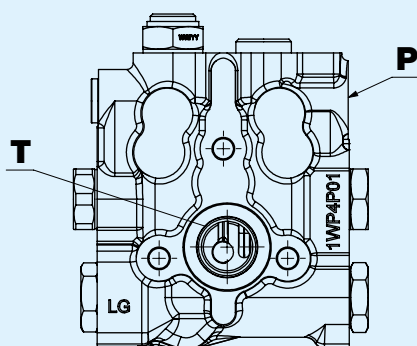
C IBW0500



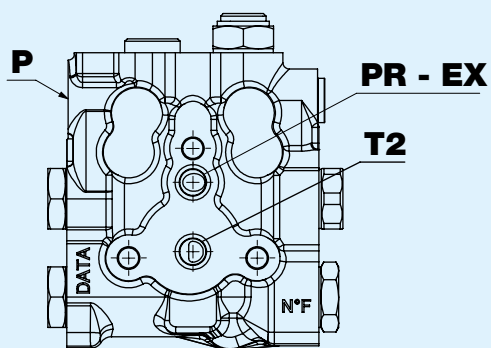
D IBW0511



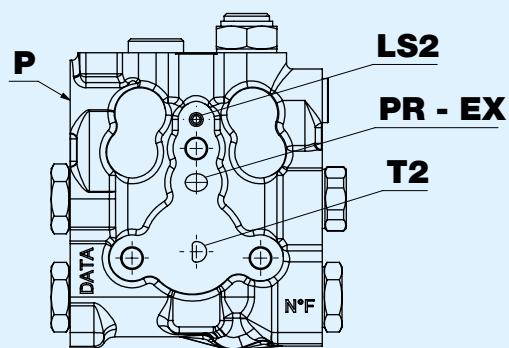
E Port T



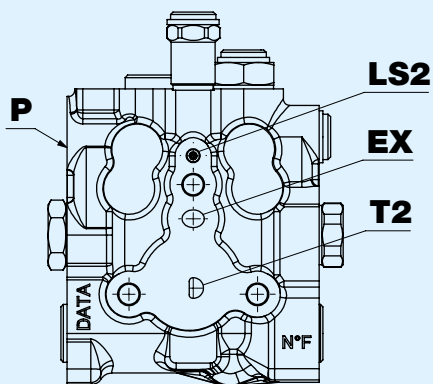
C IBW0500

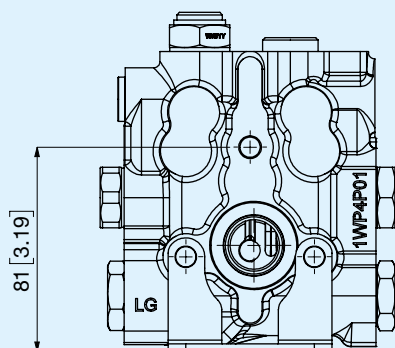
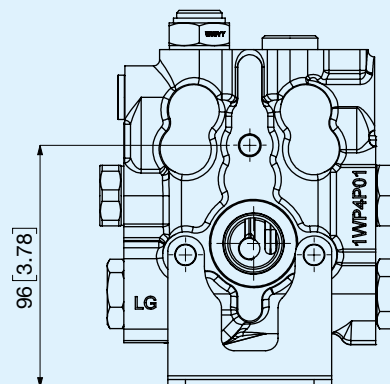


D IBW0511



F TE05C



H2 Standard**H3** High

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

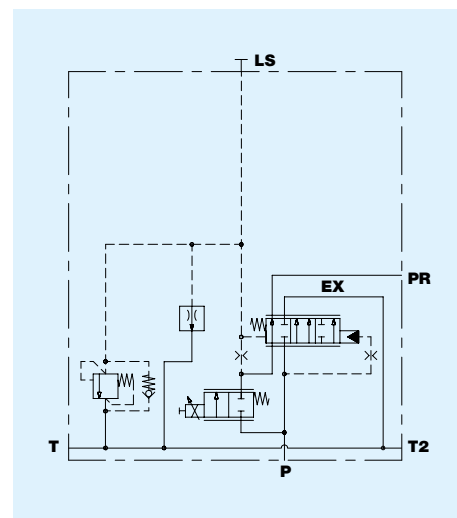
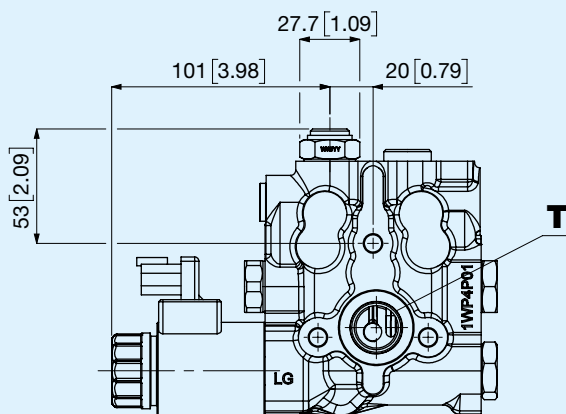
Thread Port T

Model	Type	Torque Nm
O	None	
With E interface		
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

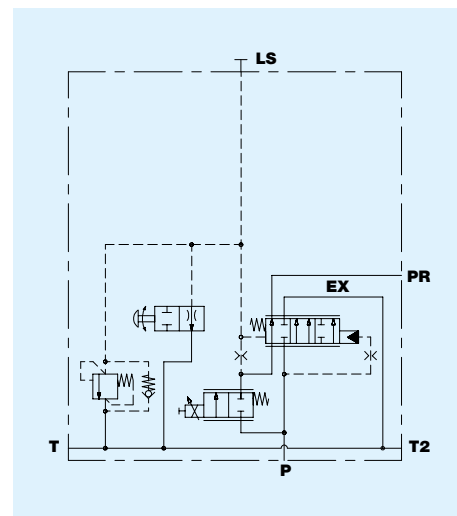
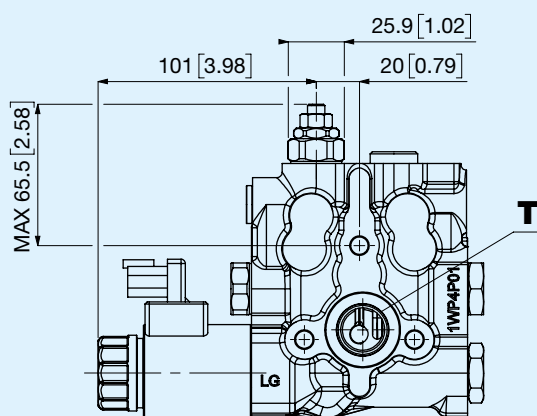
Thread Port LS

Model	Type	Torque Nm
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

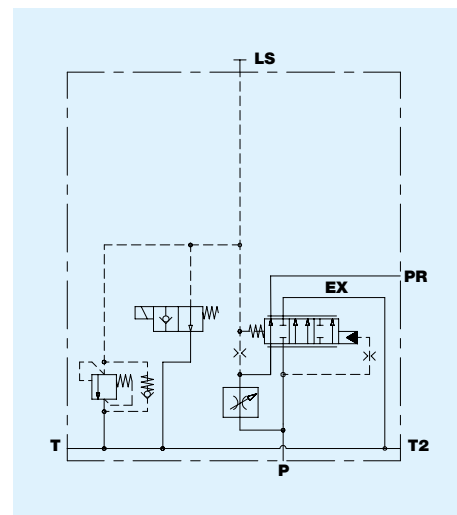
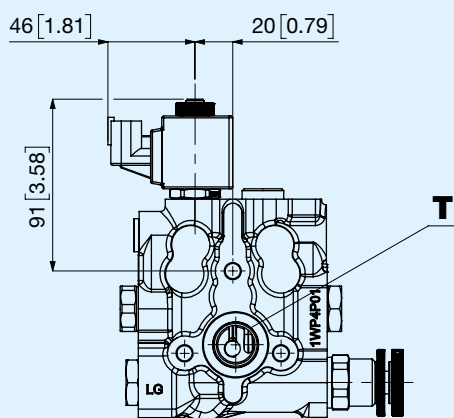
I Compensated orifice

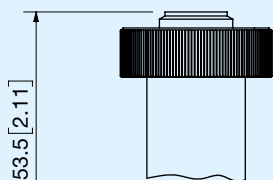
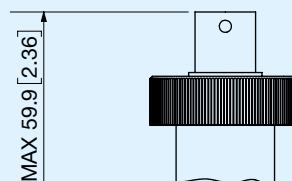


L Compensated orifice ON-OFF



G With unloading pilot valve



O Standard terminal**S** Emergency screw

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15
TE05P																
1	Configurations															
	A PR right side - EX left side				B PR left side - EX right side				C PR right side - EX unloading							
2	Actuators															
	N No actuator				M Manual actuator				P Electro-proportional actuator							
3	Actuator options															
	N None				B 24V 43650 DIN				H 24V Deutsch				M With hex wrench screw			
	A 12V 43650 DIN				G 12V Deutsch				V With hand-wheel							
4	Type of actuator emergency															
	N None				M Manual emergency with free return				S Emergency screw							
5	Left side interface															
	C IBW0500				D IBW0511				E Port T							
6	Right side interface															
	C IBW0500				D IBW0511				F TE05C							
7 8	Bracket height															
	NN None				H2 Standard				H3 High							
9	Thread type															
	F Female															
10	Thread Port P															
	A 3/8" GAS ISO 1179				C tM18x1.5 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			
11	Thread Port T															
	O None				C M18x1.5 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							
12	Thread Port LS															
	L 1/4" GAS ISO 1179				3 tM14x1.5 ISO 9974				K tM14x1.5 ISO 6149				P 9/16" - 18 SAE ISO 11926			
13	Option on port LS															
	A LS open				B LS plugged											

16	17	18

14	LS line unloading pilot valve type		
	I Compensated orifice	A 12V DIN 43650	G 12V Deutsch
	L Compensated orifice ON-OFF	B 24V DIN 43650	H 24V Deutsch

15	15	LS line emergency unloading pilot valve	
		N None	O Standard terminal
			S Emergency screw

16	17	Relief 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	

18	External treatment	
	A External treatment	N None