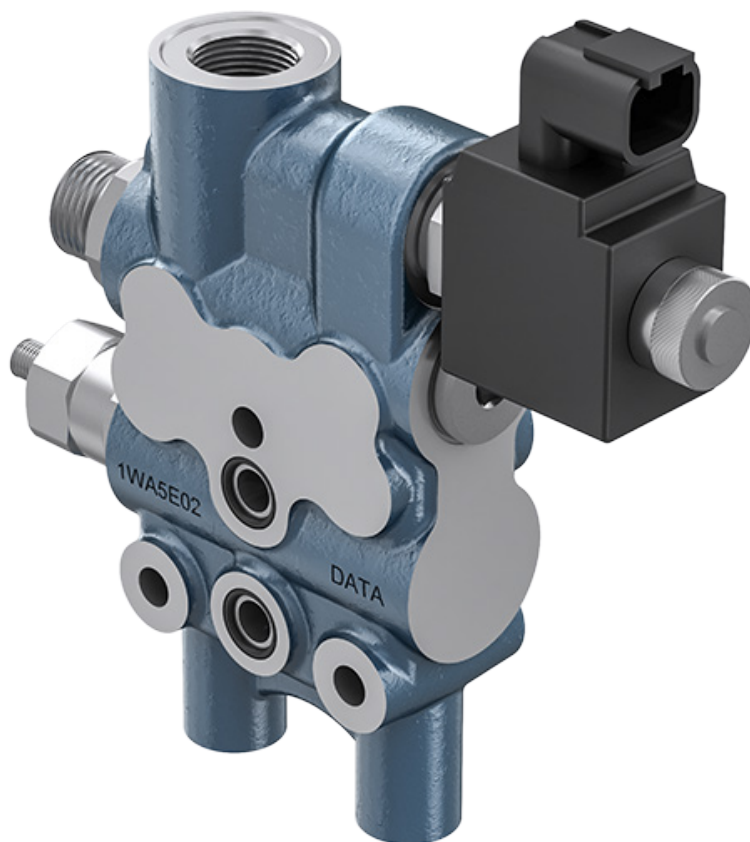
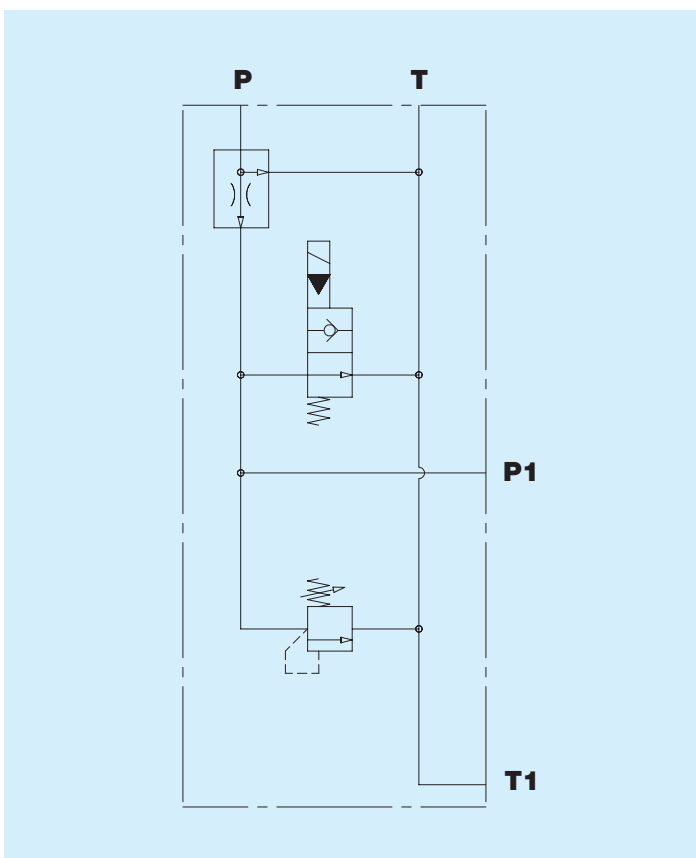


TE050T Inlet cover with fix flow limiter Interface IBW0500

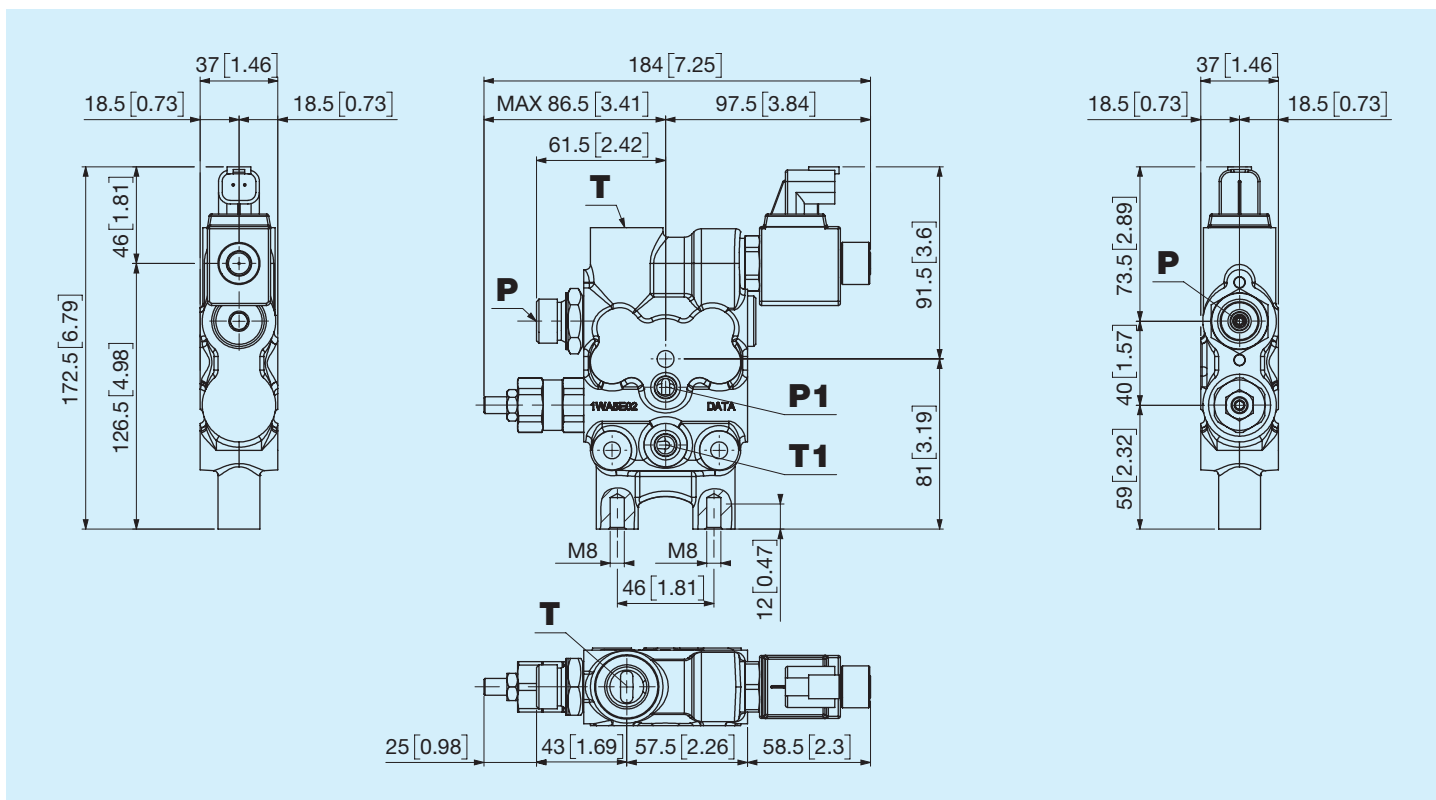


Prior to use, carefully read the document GENERAL USE INSTRUCTIONS FOR DIRECTIONAL CONTROL VALVES

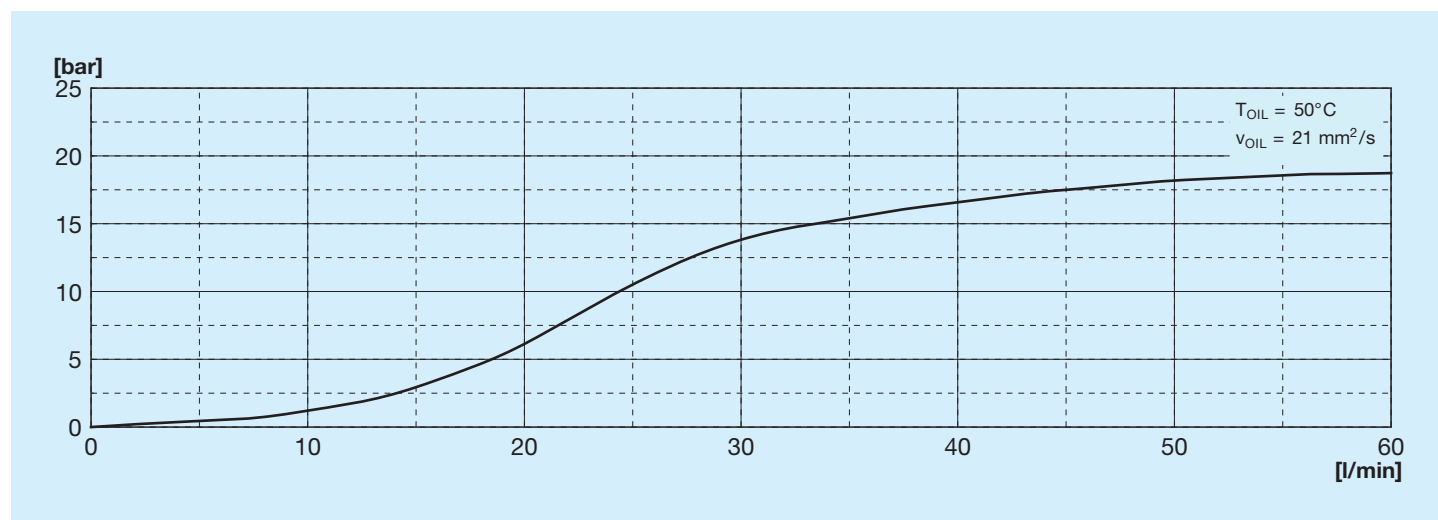
Nominal flow rate	60 l/min 15.84 US gpm
Maximum flow rate to the priority	40 l/min 10.56 US gpm
Nominal pressure	250 bar 3625 psi
Maximum tank pressure	50 bar 725 psi
Operating temperature	-20°C +85°C NBR seals (max peak +100°C) -20°C + 130°C HNBR seals
Operating oil viscosity	from 15 mm²/s to 90 mm²/s (15 cSt to 90 cSt)
Fluid	Hydraulic fluids defined by the ISO 6743-4 standard
Weight	1.7 Kg 3.88 lb
Interface	IBW0500



Overall dimensions



Pressure drops P - T



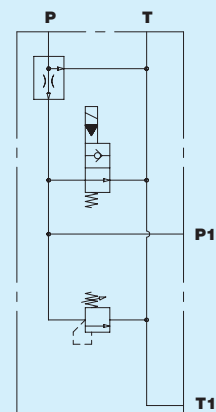
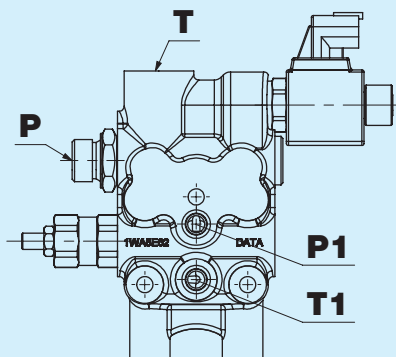
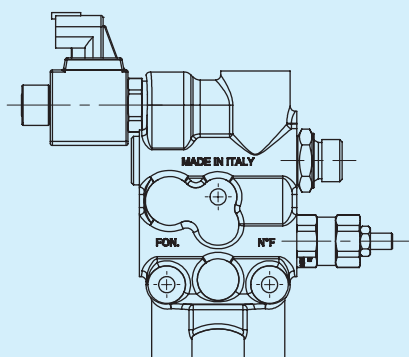
Thread port P

Code	Type	Tightening $\pm 10\%$ Nm
B	1/2" GAS ISO 1179	70

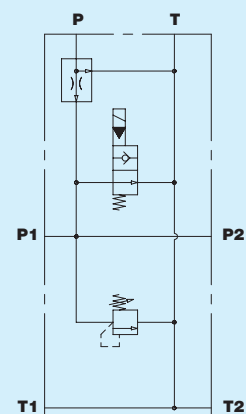
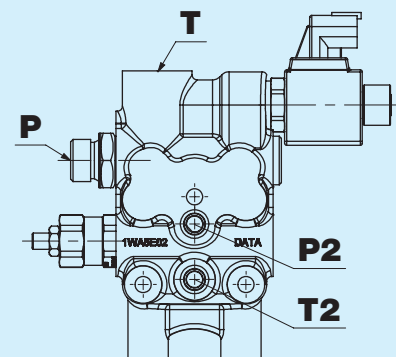
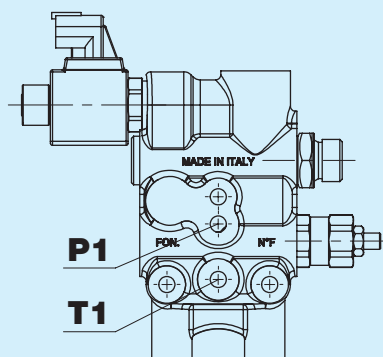
Thread port T

Code	Type	Tightening $\pm 10\%$ Nm
B	1/2" GAS ISO 1179	70

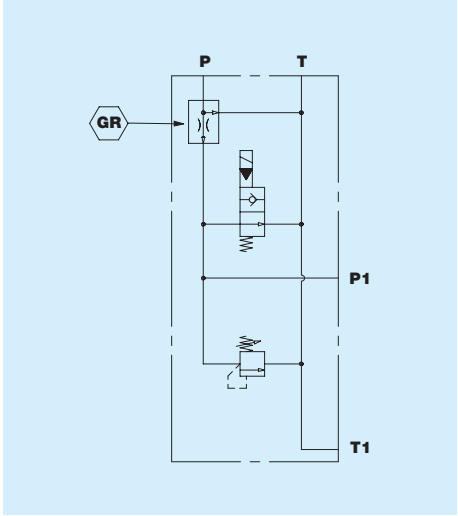
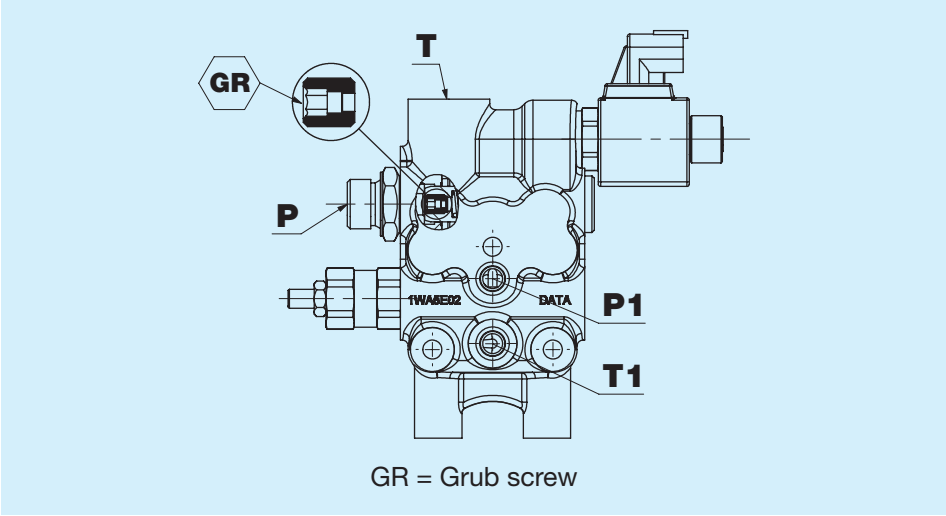
S Standard



A P-T through



Flow rate to priority adjustment grub screw

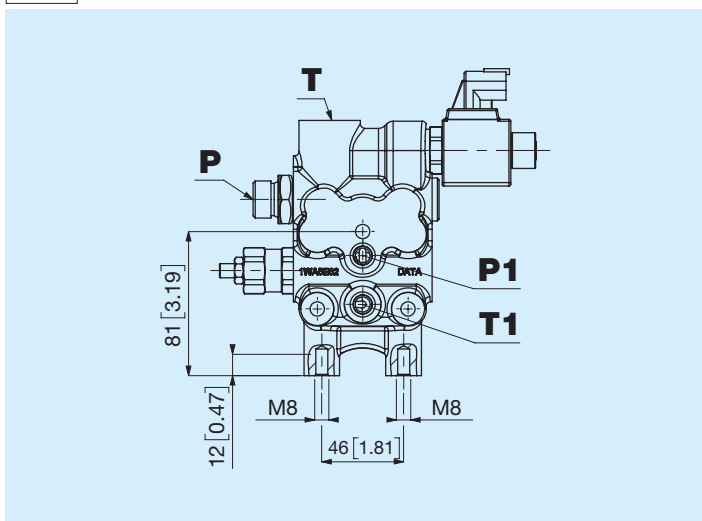


Flow rate to priority

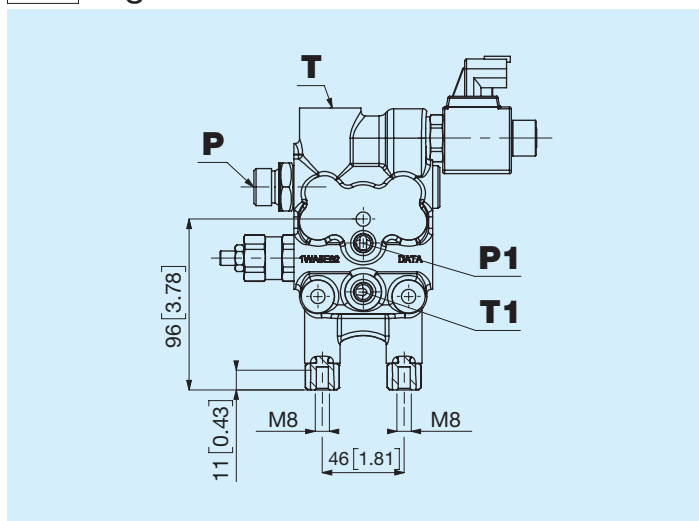
Code	l/min	US gpm	Dowel diameter
0B	10	3.96 (-1.32) (+0.53)	2.5 mm
0C	15	5.28 (-1.32) (+0.79)	3 mm
0E	20	7.92 (-1.32) (+0.79)	3.5 mm
0G	40 ± 5	10.56 (-1.32) (+0.79)	4 mm

The flow rate to priority varies according to the inlet flow rate. The tolerance range in brackets.

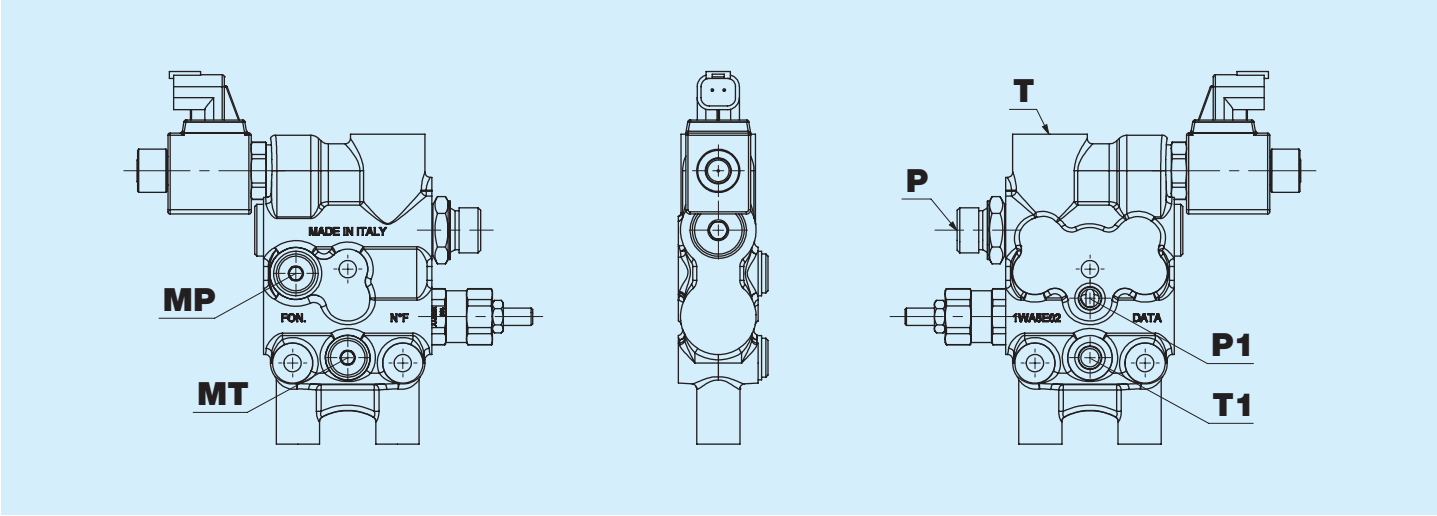
H2 Standard



H3 High



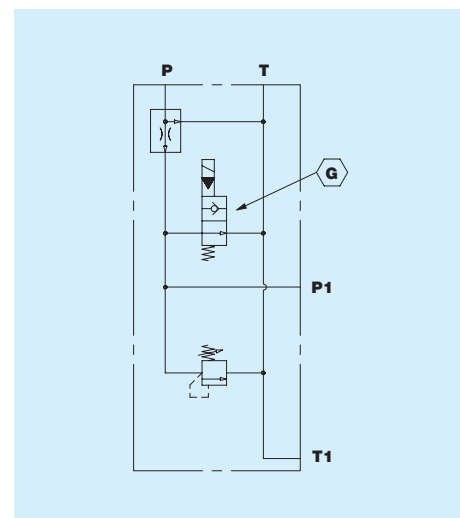
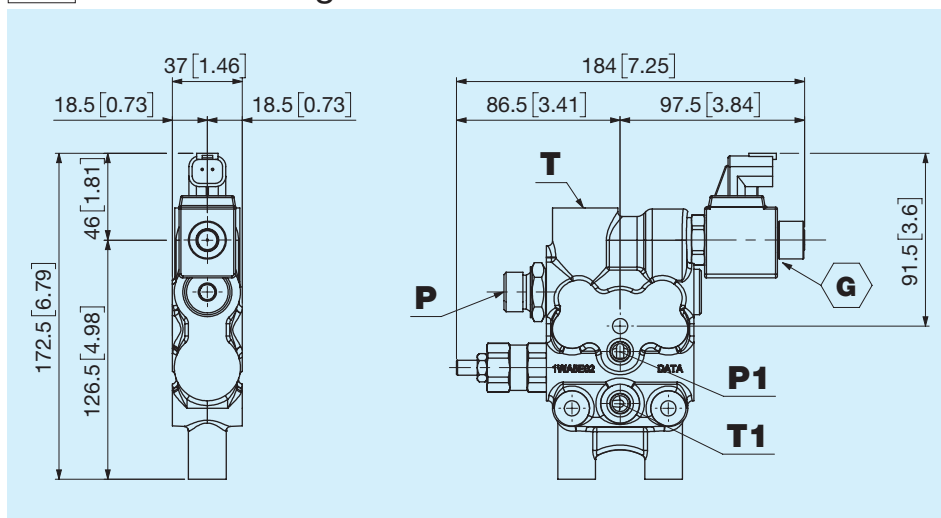
MP and MT - Gauge ports



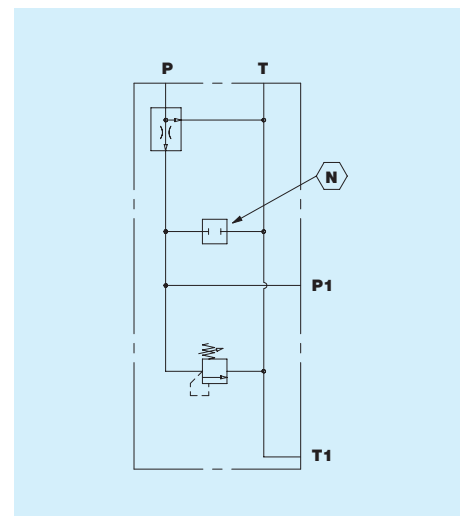
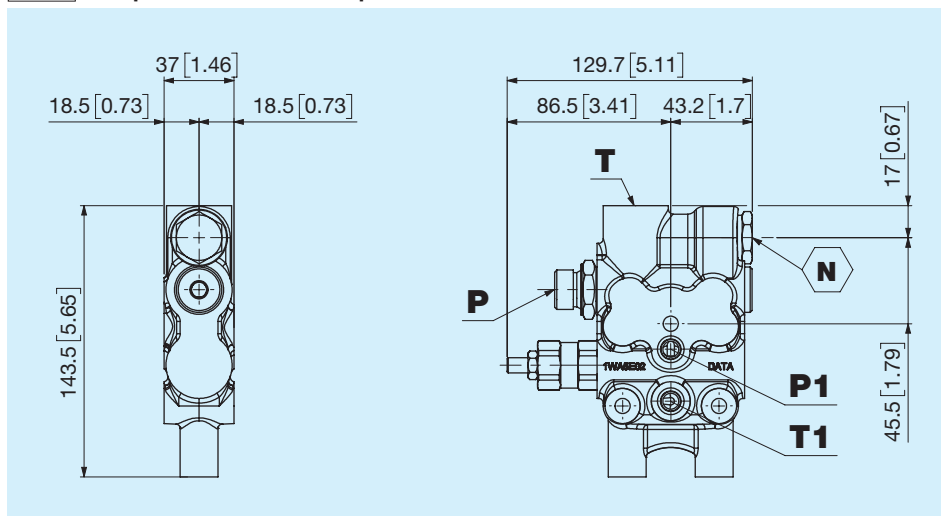
Thread ports MP and MT

Code	Type	Tightening $\pm 10\%$ Nm
N	None	
L	1/4" GAS ISO 1179	27

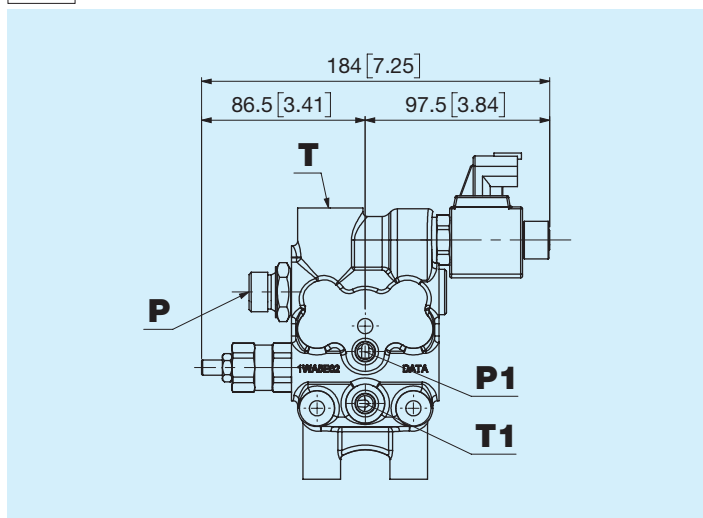
G With unloading valve



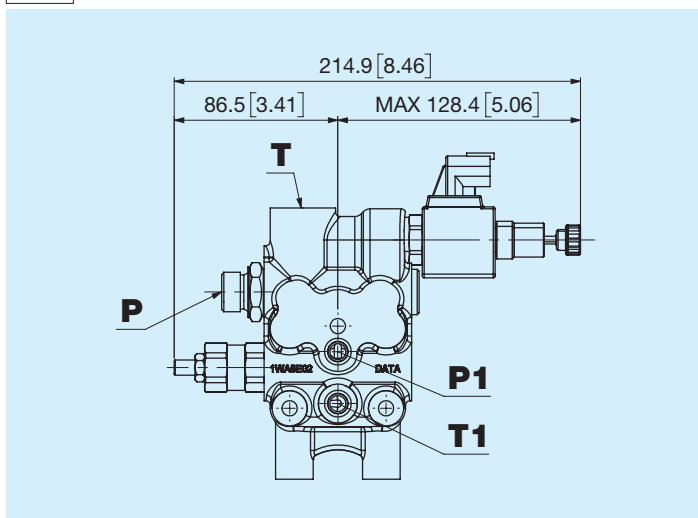
N Replacement cap



O Standard terminal



S Manual override with screw



Electrical characteristics of the unloading valve coil

Voltage	12	24	V (± 10%)
Resistance at 20°C	7,7	32	Ω (± 7%)
Rated current	1,55	0,75	A
Power	18,6	18	W

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
TE050T																
1	Thread type															
	M Male port P - Female port T															
2	Thread port P															
	B 1/2" GAS ISO 1179															
3	Thread port T															
	B 1/2" GAS ISO 1179															
4	Options on port P-T															
	N None															
5	Options P-line and T-line															
	S Standard A P-T through															
6 7	Flow rate to priority															
	0B 15 l/min - 3,96 US gpm 0E 30 l/min - 7,92 US gpm ... 0C 20 l/min - 5,28 US gpm 0G 40 l/min - 10,56 US gpm ... For selection, see the dedicated chapter															
8 9	Cover height															
	H2 Standard H3 High															
10	Thread port MP															
	N None L 1/4" GAS ISO 1179															
11	Thread port MT															
	N None L 1/4" GAS ISO 1179															
12	Options for ports MP - MT															
	N None B MP plugged, MT not machined F MP and MT plugged A MP open, MT Not machined E MP and MT open															
13	Type of unloading valve															
	N Replacement cap B 24V DIN 43650 H 24V DEUTSCH DT04-2P A 12V DIN 43650 G 12V DEUTSCH DT04-2P															
14	Type of emergency unloading valve															
	N None O Standard terminal S Manual override with screw															

17

18

15 16

Type of pressure relief valve

00 Replacement cap VMP	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

Sealing type pressure relief valve

R Grub screw	P Sealed	N None
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18

External treatment

N None	Z Zinc plating
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