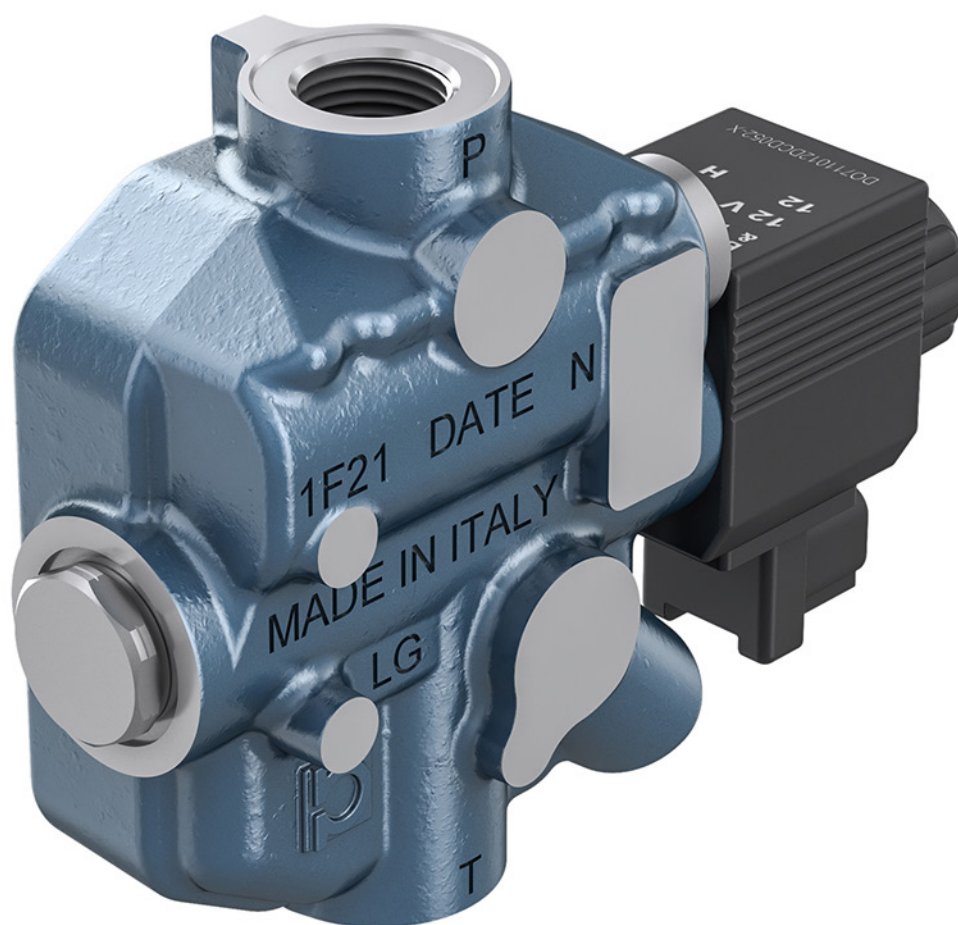
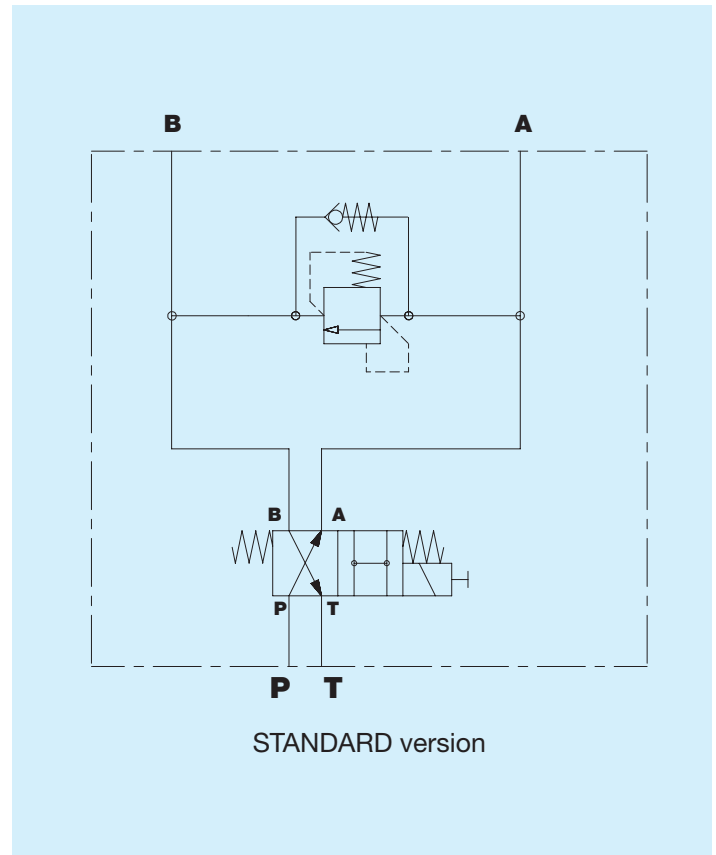


In-line fan drive with ON-OFF stop of the fan

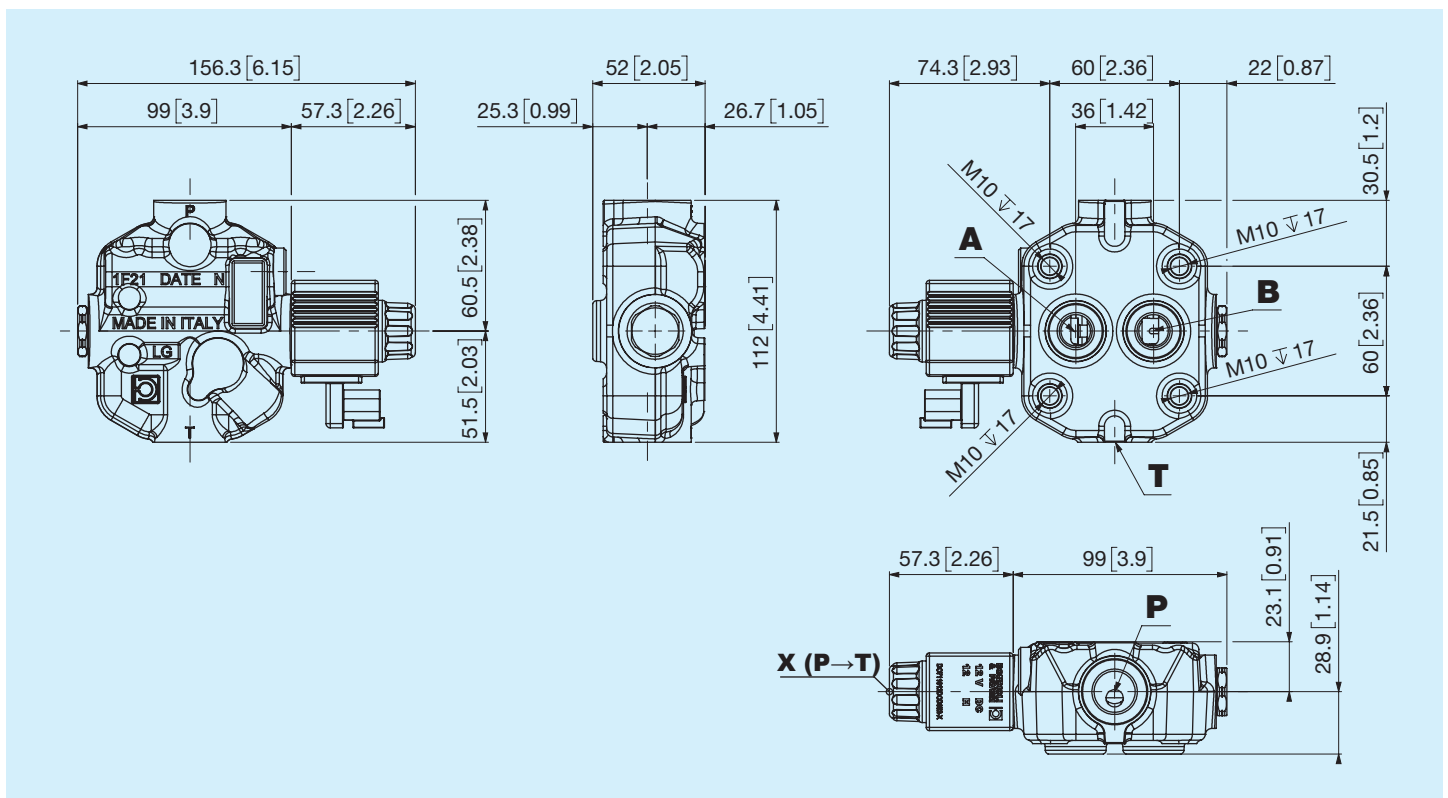


Before use, carefully read the GENERAL INSTRUCTIONS FOR USE OF DIRECTIONAL CONTROL VALVES

Nominal flow rate	20 l/min 5.28 US gpm
Nominal pressure	250 bar 3625 psi
Temperature range	-20°C +85°C NBR seals (max peak +100°C)
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	2.2 kg 4.85 lb

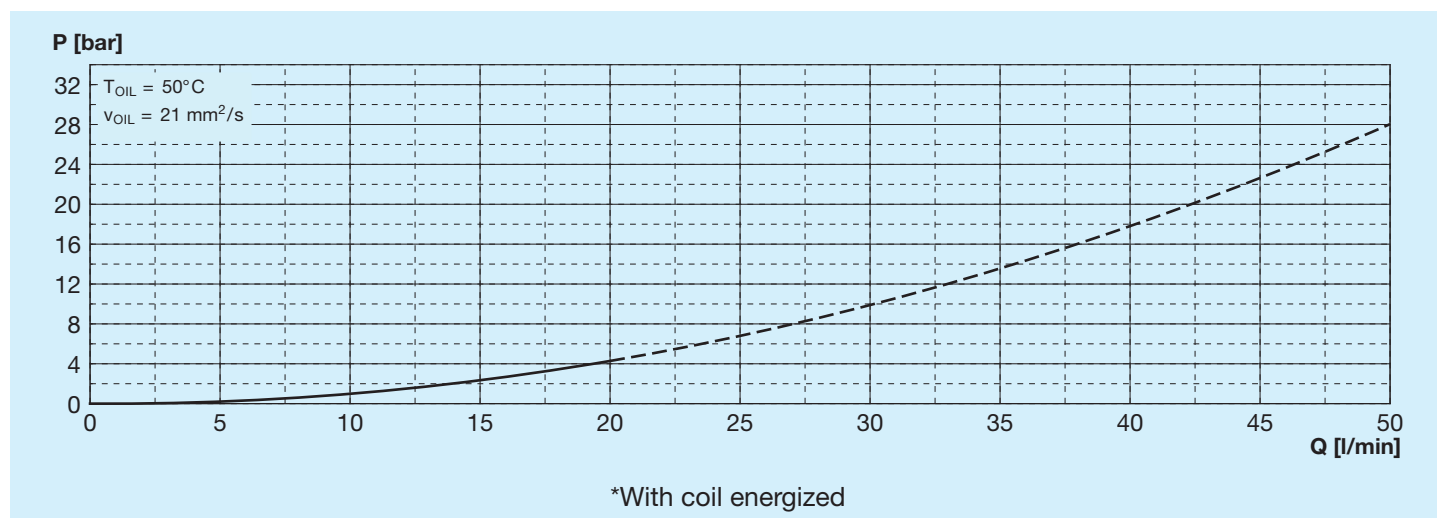


Overall dimensions

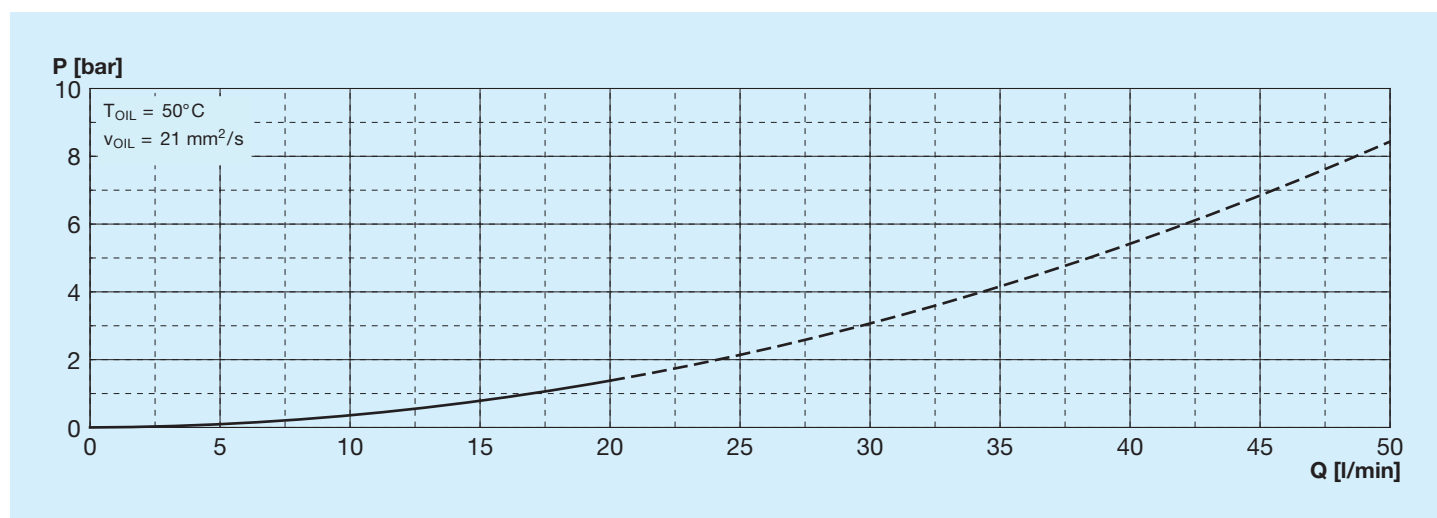


X = Push type manual override

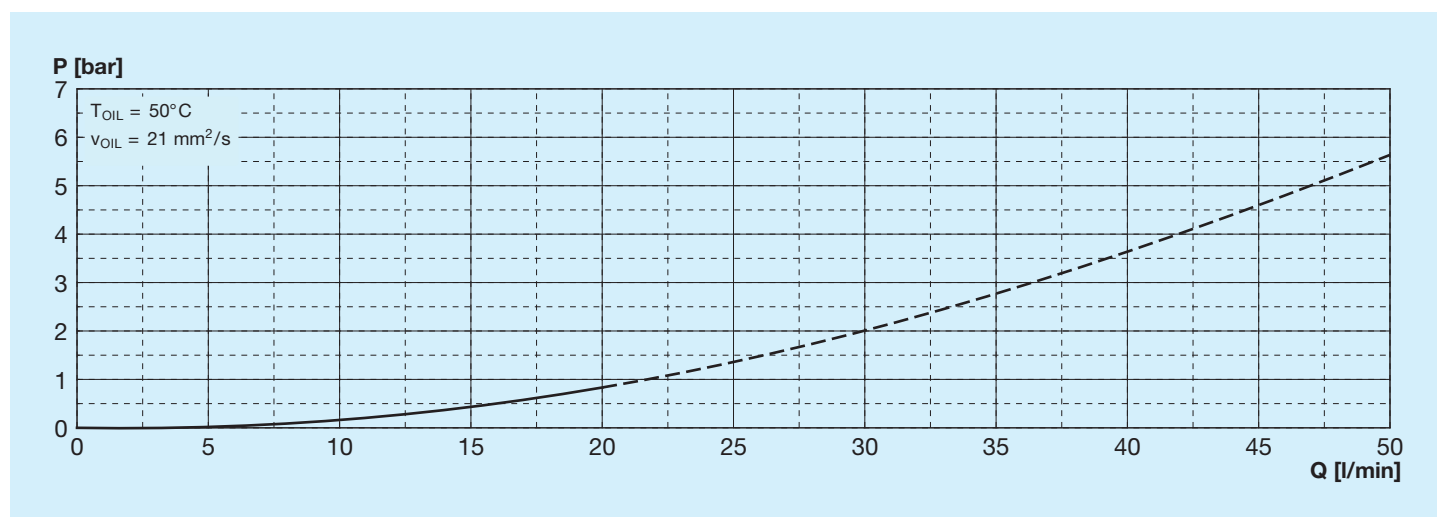
Flow curve P-T



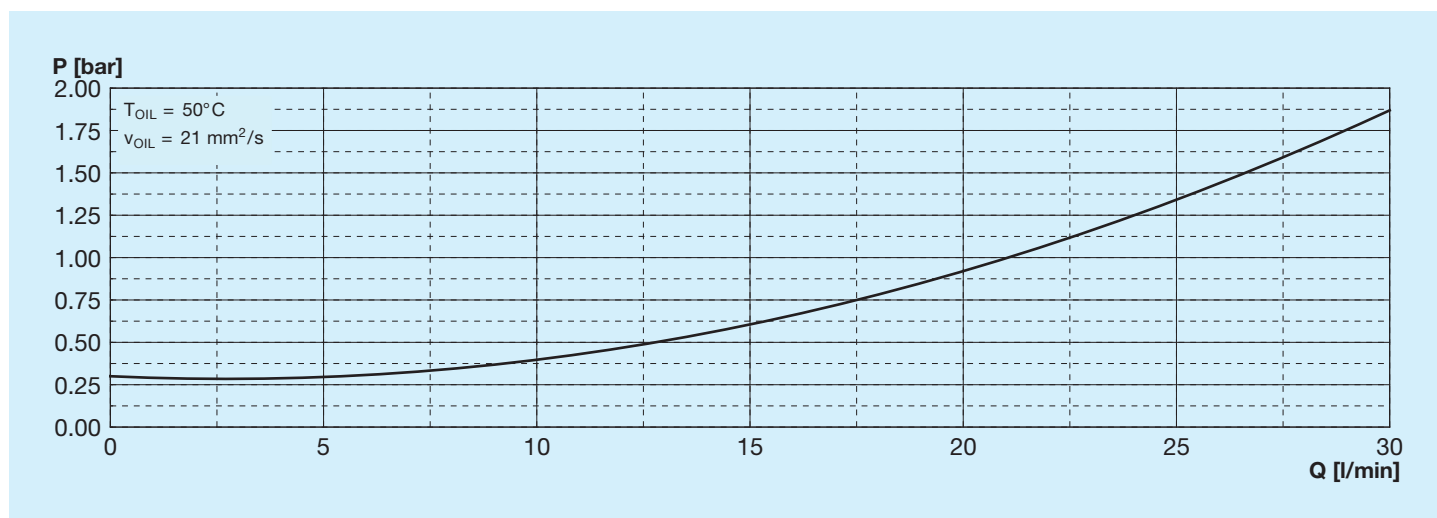
Flow curve P-A



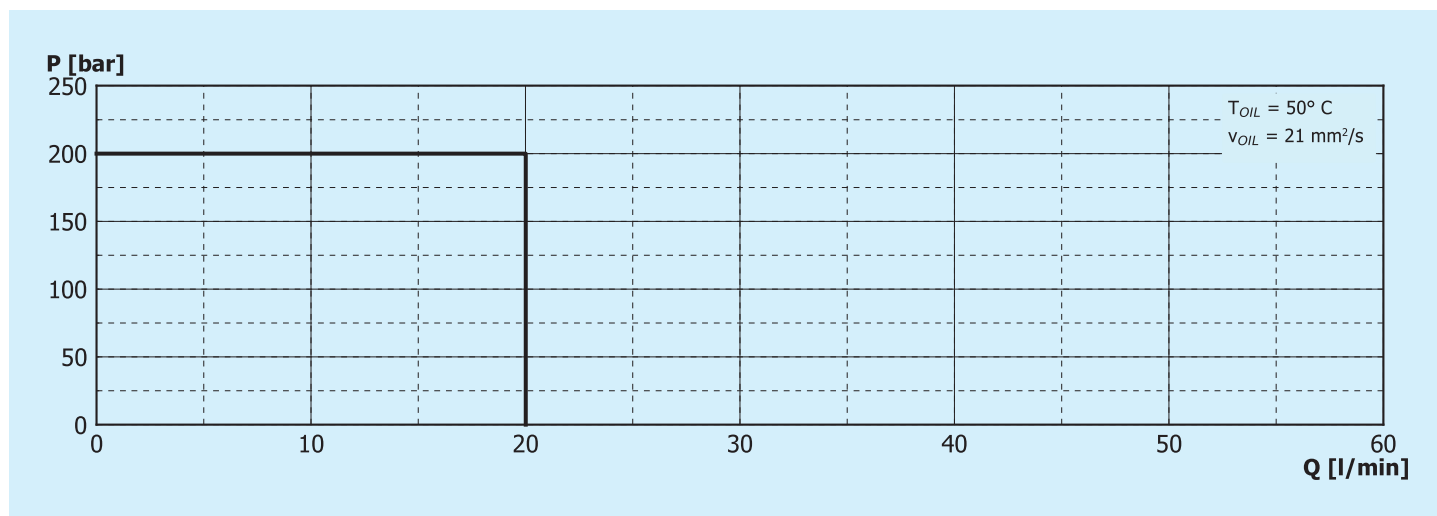
Flow curve B-T



Filler valve flow curve



Operating limits



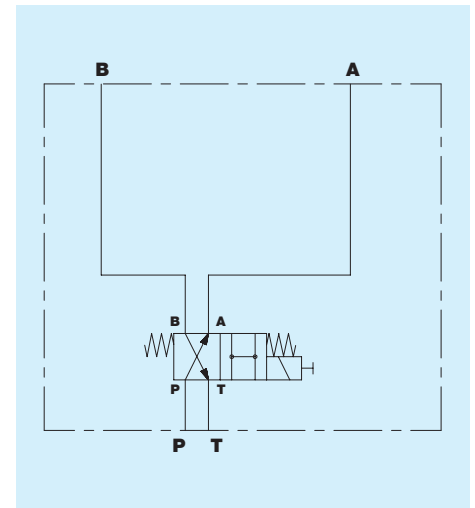
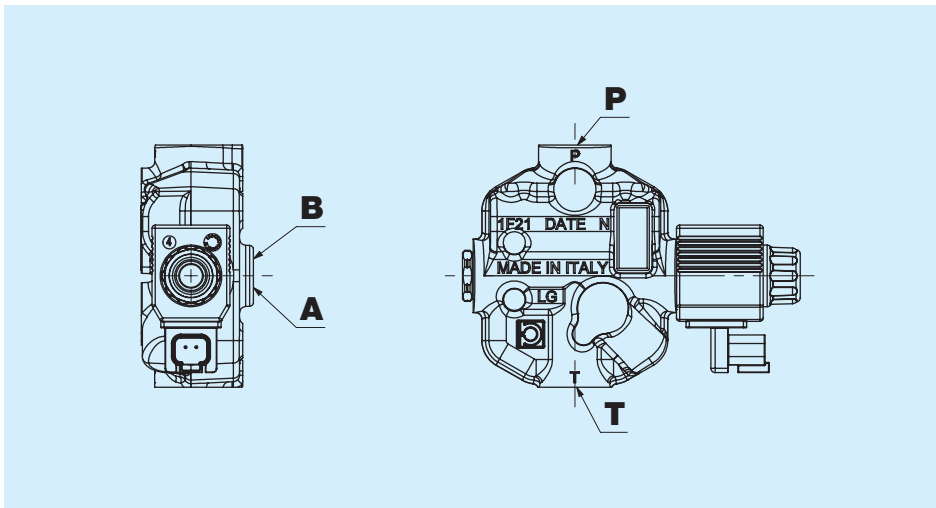
ON-OFF valve electrical characteristics

Voltage	12	24	V ($\pm 10\%$)
Resistance at 20°C	4,5	19,4	Ω ($\pm 7\%$)
Absorbed current	2,7	1,24	A
Power	26,5	30	W

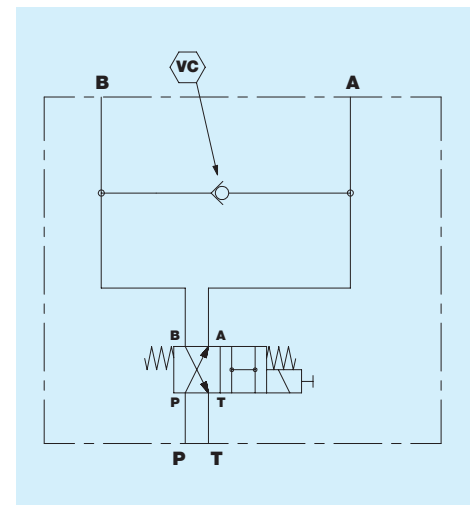
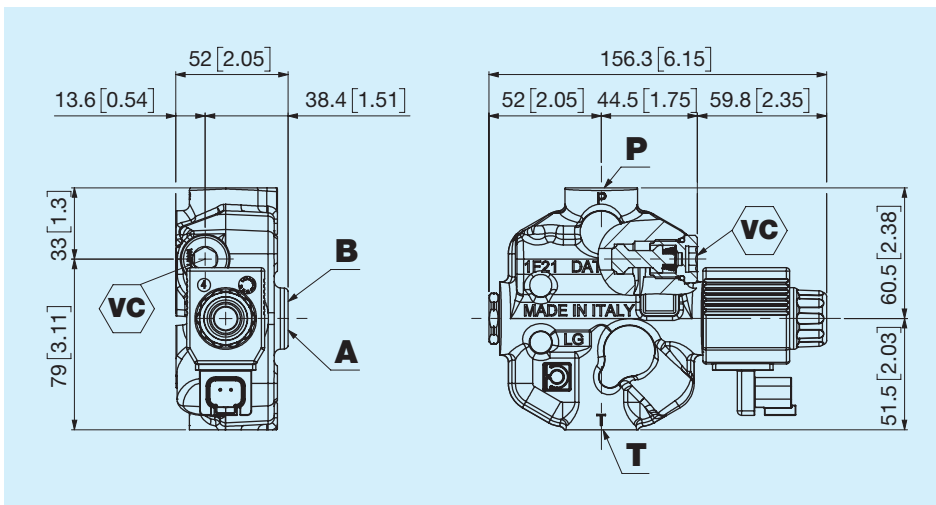
Maximum pressure valve type

FDLQB

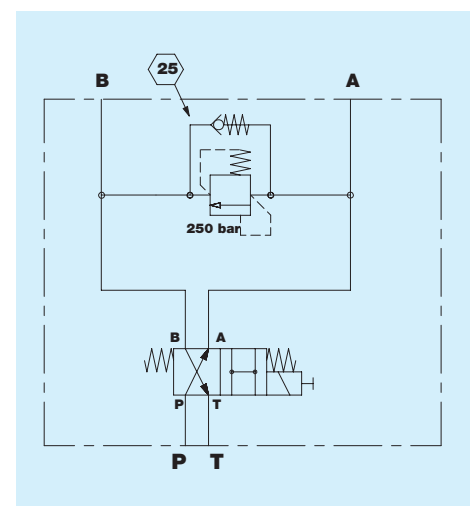
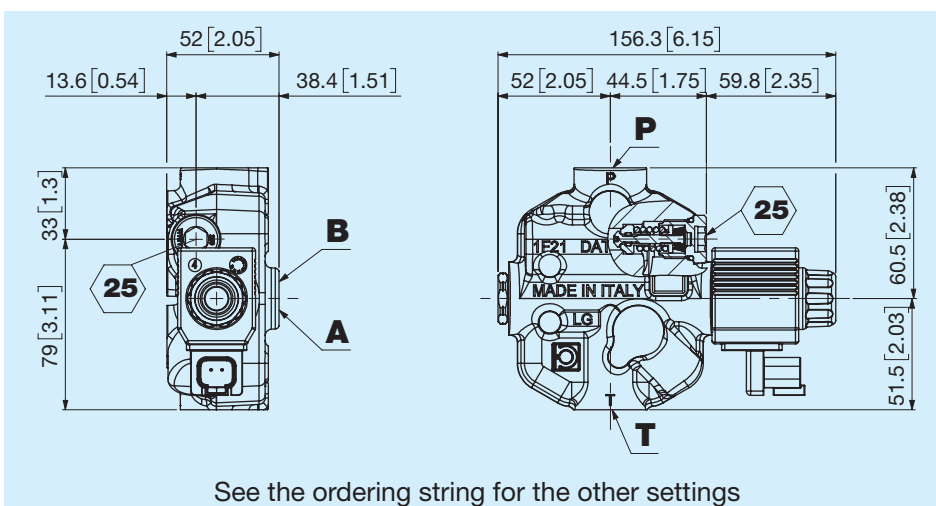
NN None



VC Filler valve



25 Pressure limiter and filler valve



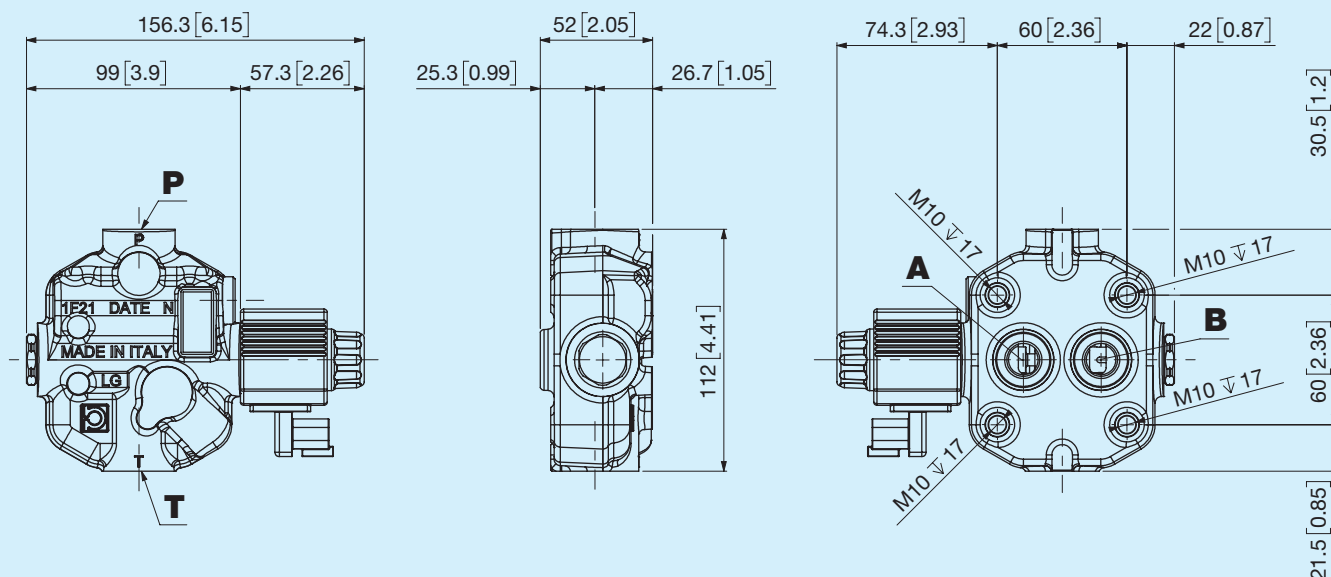
Thread ports P - T

Code	Type	Torque $\pm 10\%$ Nm
B	1/2" GAS ISO 1179	35
R	7/8" - 14 SAE ISO 11926	70

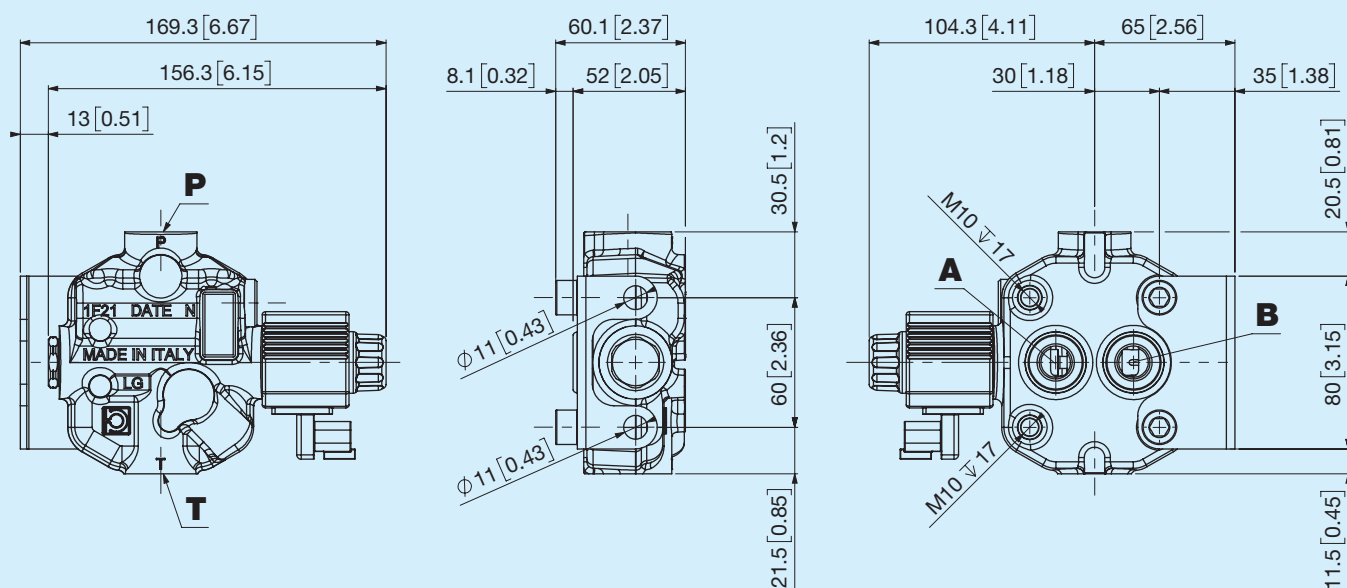
Thread ports A - B

Code	Type	Torque $\pm 10\%$ Nm
A	3/8" GAS ISO 1179	35
E	3/4" - 16 SAE ISO 11926	70

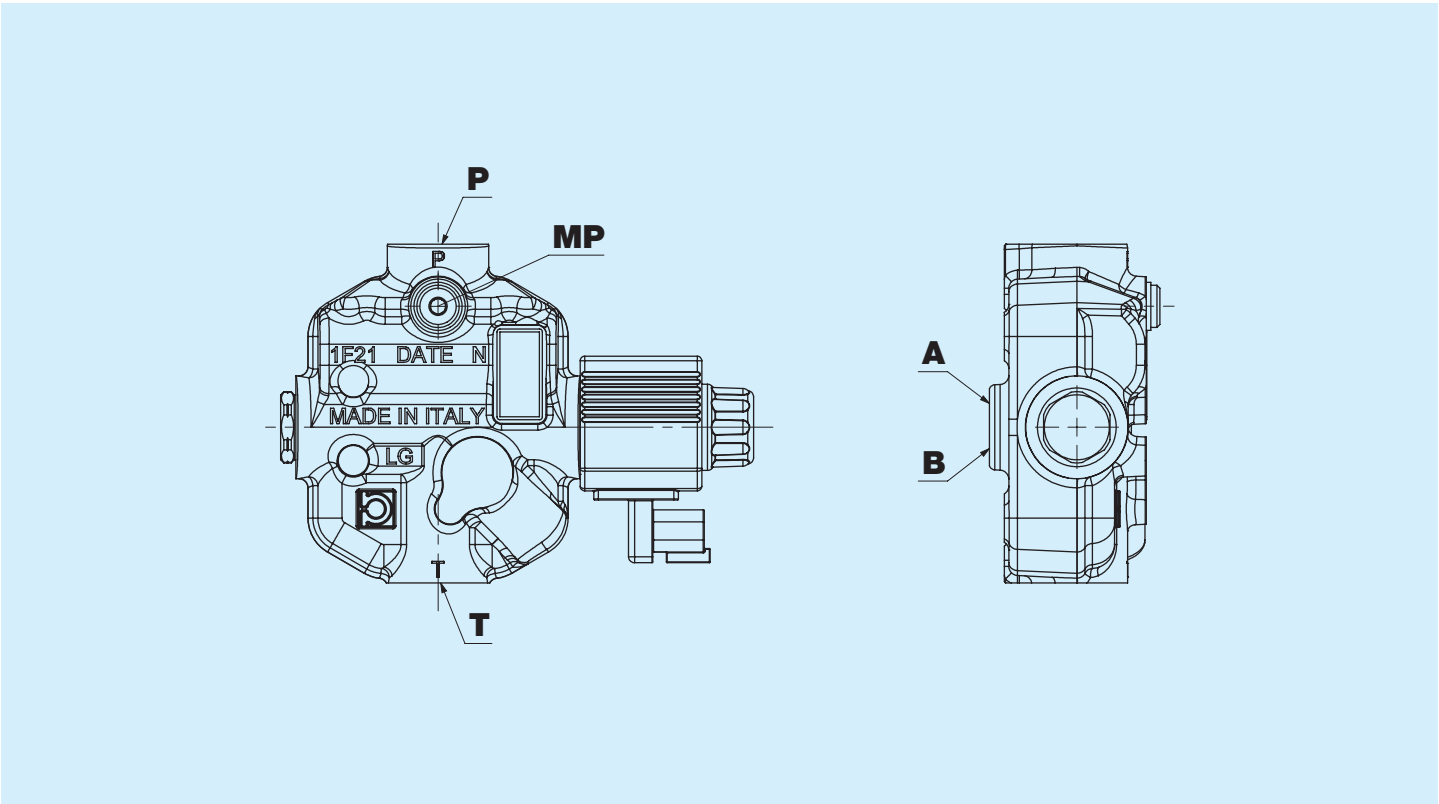
NN None



H2 Standard



MP - Pressure gauge port

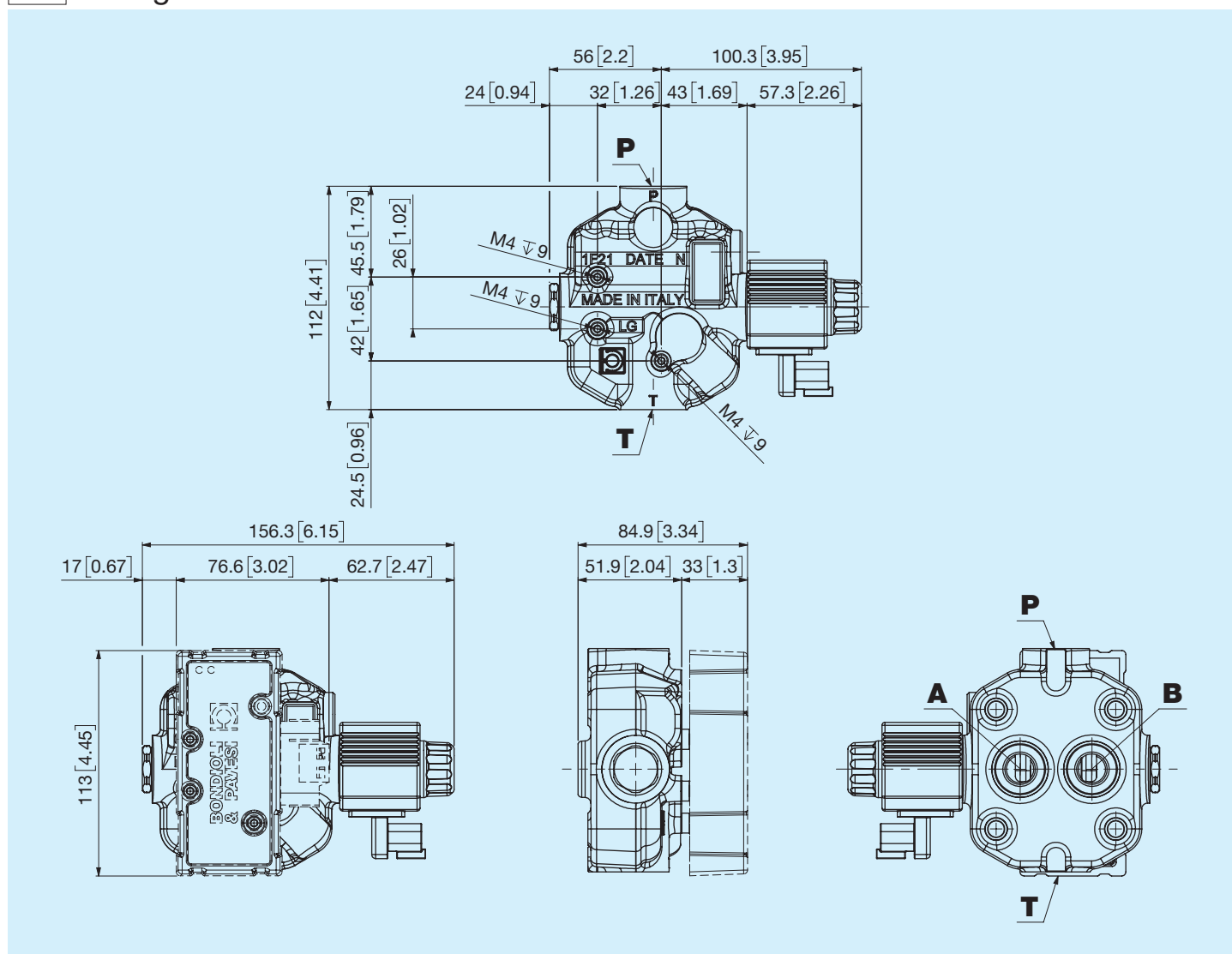


In the presence of a pressure gauge port, the solution is supplied with a plugged MP port.

Threading of port MP

Code	Type	Torque $\pm 10\%$ Nm
0	None	
Q	1/8" GAS ISO 1179	12

P Arrangement



The option foresees the arrangement of the Fan drive to the SMAT POWER FAN electronic board of the Bondioli and Pavesi group. For more information on the latter, consult the product sheet on the Bondioli and Pavesi website. The choice of this option excludes the possibility of having the MP pressure gauge port.

FDLQB		1	2	3	4	5	6	7	8	9	10
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1	2	Maximum pressure valve type									
		NN	None	09	90 bar	15	150 bar	21	210 bar		
		VC	Filler valve only	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				
3	Thread Port P										
	B	1/2" GAS ISO 1179	R	7/8" - 14 SAE ISO 11926							
4	Thread Port A and B										
	A	3/8" GAS ISO 1179	E	3/4" - 16 SAE ISO 11926							
5	6	Bracket height									
		NN	None	H2	Standard						
7	Thread Port MP										
	0	None	Q	1/8" GAS ISO 1179							
8	Voltage and connector										
	A	12V DIN 43650	B	24V DIN 43650	G	12V DEUTSCH DT04-2P	H	24V DEUTSCH DT04-2P			
9	Voltage and connector										
	N	None	P	Arrangement							
10	External treatment										
	N	None	Z	Galvanising							