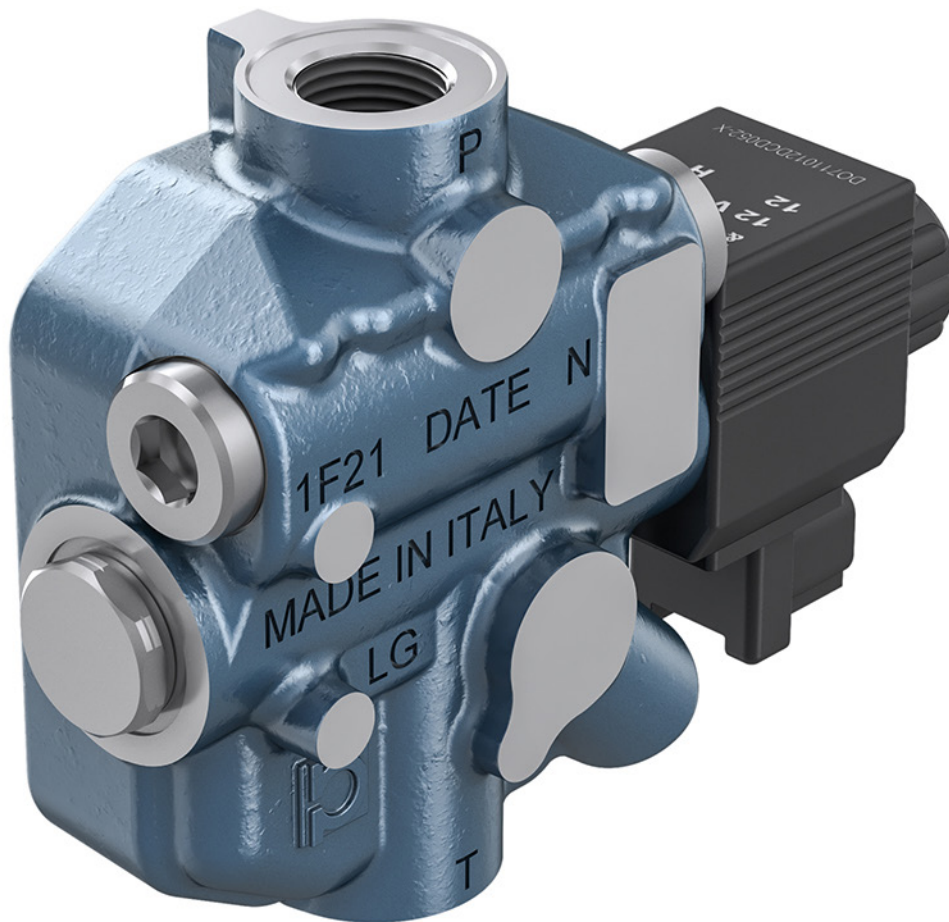
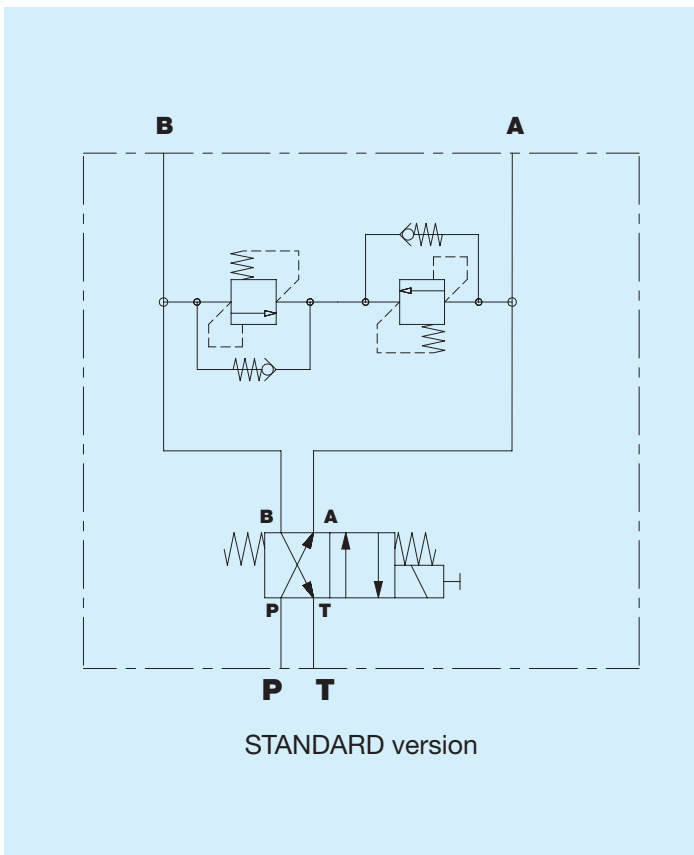


In-line fan drive with ON-OFF inversion of the fan

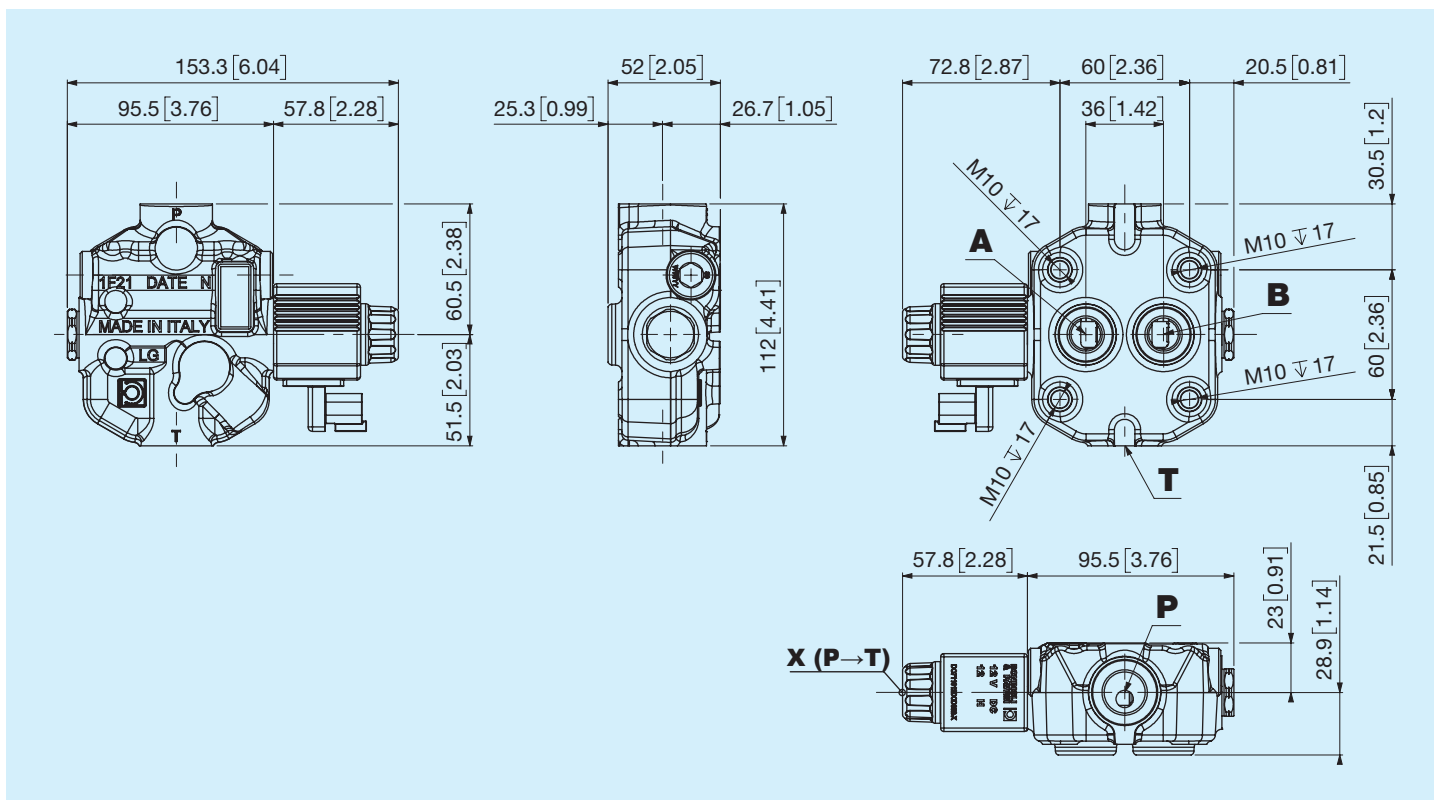


Before use, carefully read the GENERAL INSTRUCTIONS FOR USE OF DIRECTIONAL CONTROL VALVES

Nominal flow rate	35 l/min 9.25 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

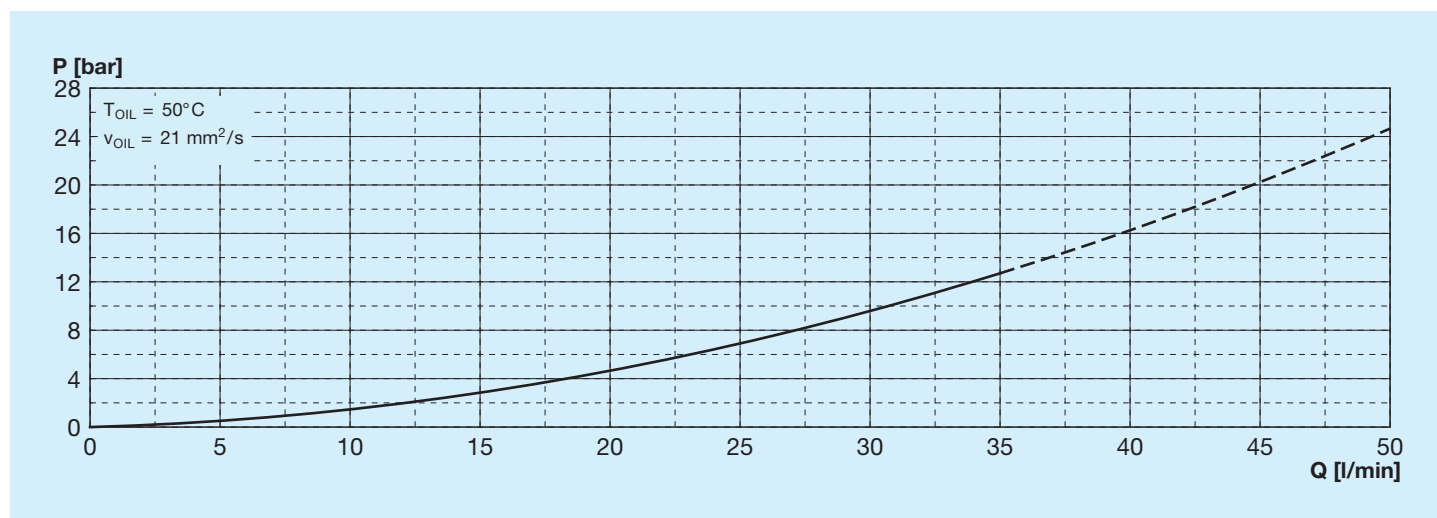


Overall dimensions

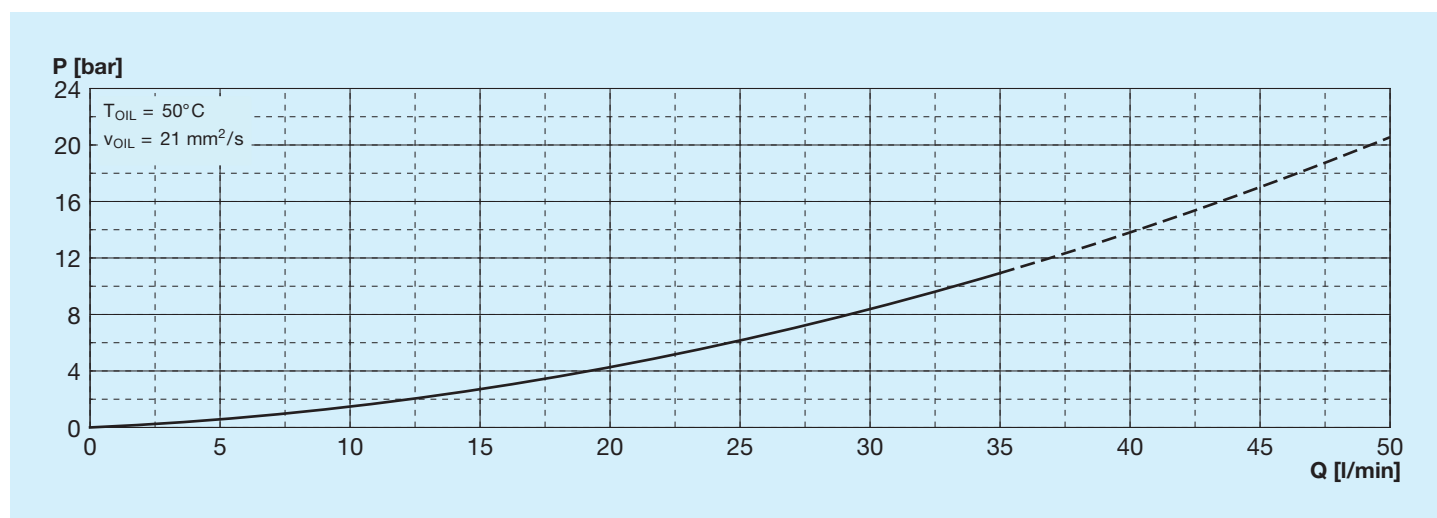


X = Push type manual override

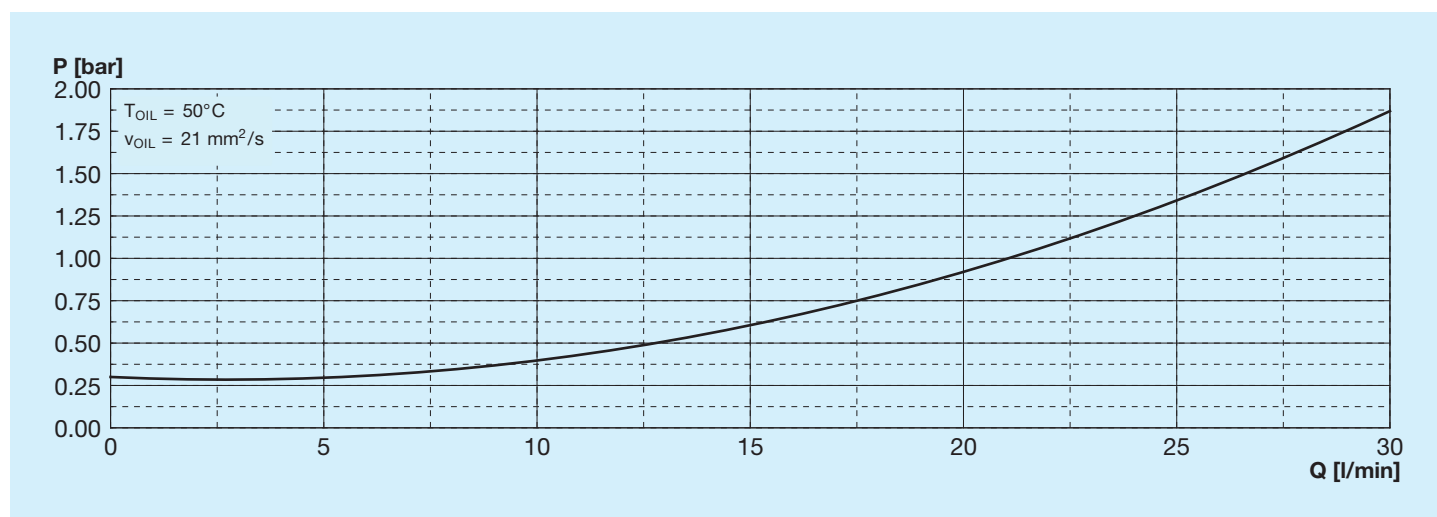
Flow curve P-A/B



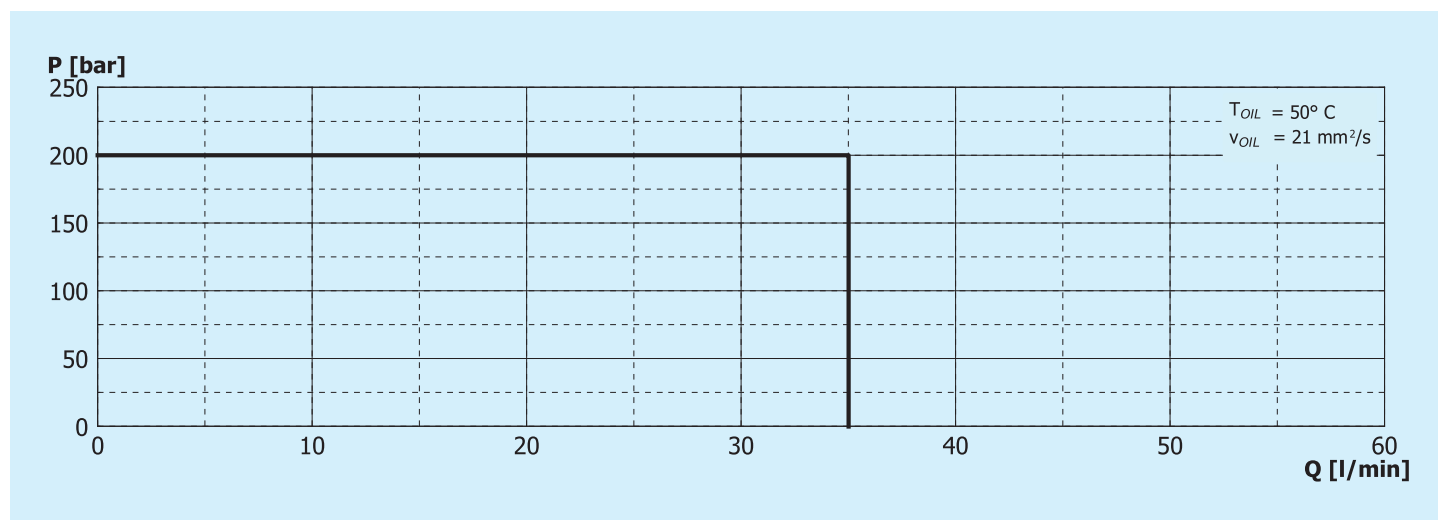
A/B-T flow curve



Filler valve flow curve



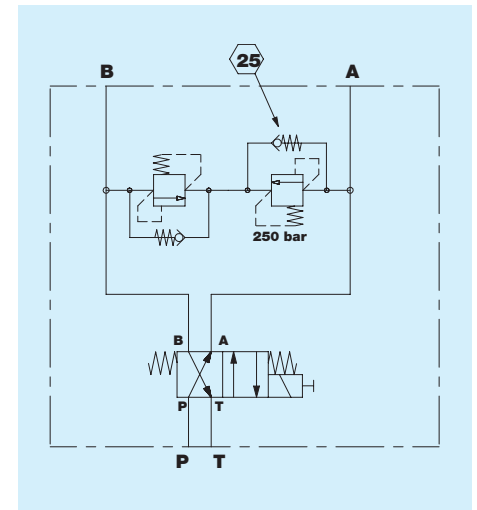
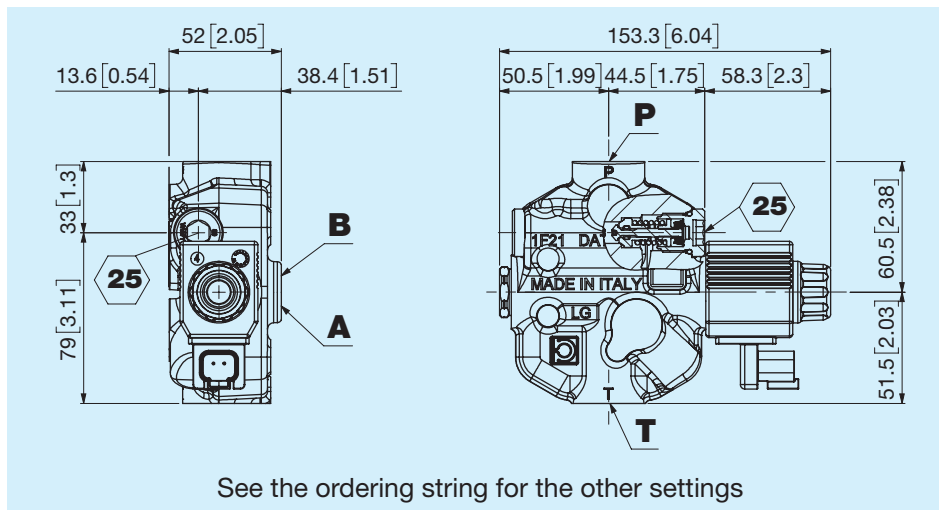
Operating limits



ON-OFF valve electrical characteristics

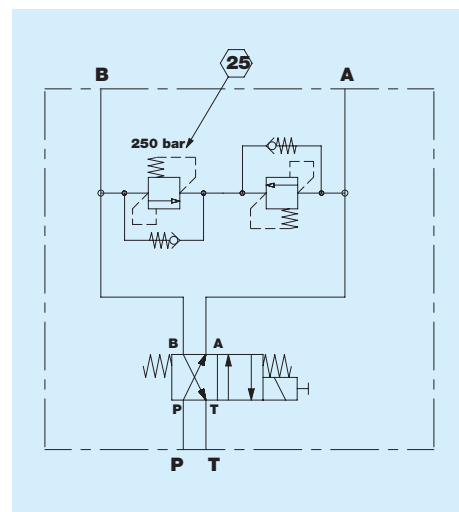
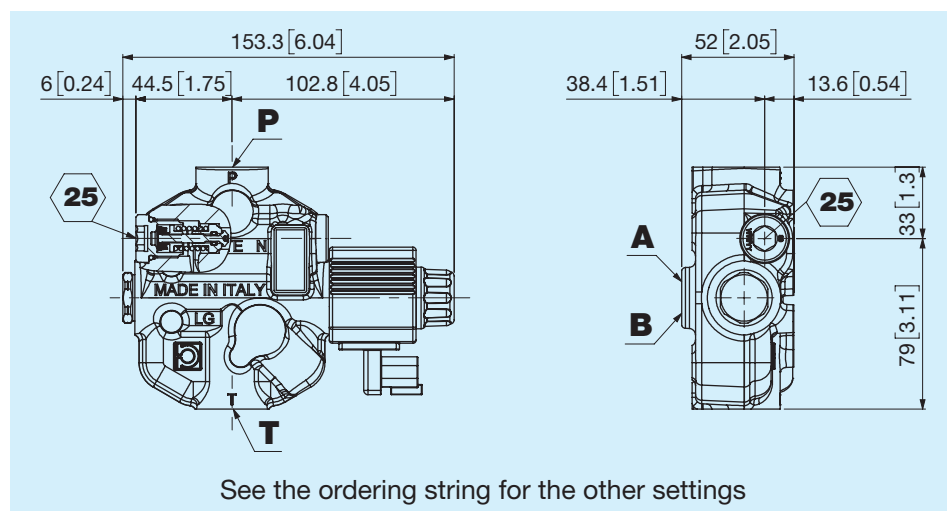
Voltage	12	24	V ($\pm 10\%$)
Resistance at 20°C	4,5	19,4	Ω ($\pm 7\%$)
Absorbed current	2,7	1,24	A
Power	26,5	30	W

Pressure limiter and filler valve



For correct operation, the pressure relief and filler valve must have at least 40 bar less than the maximum pressure of the motor and pump present in the system.

Pressure limiter and filler valve



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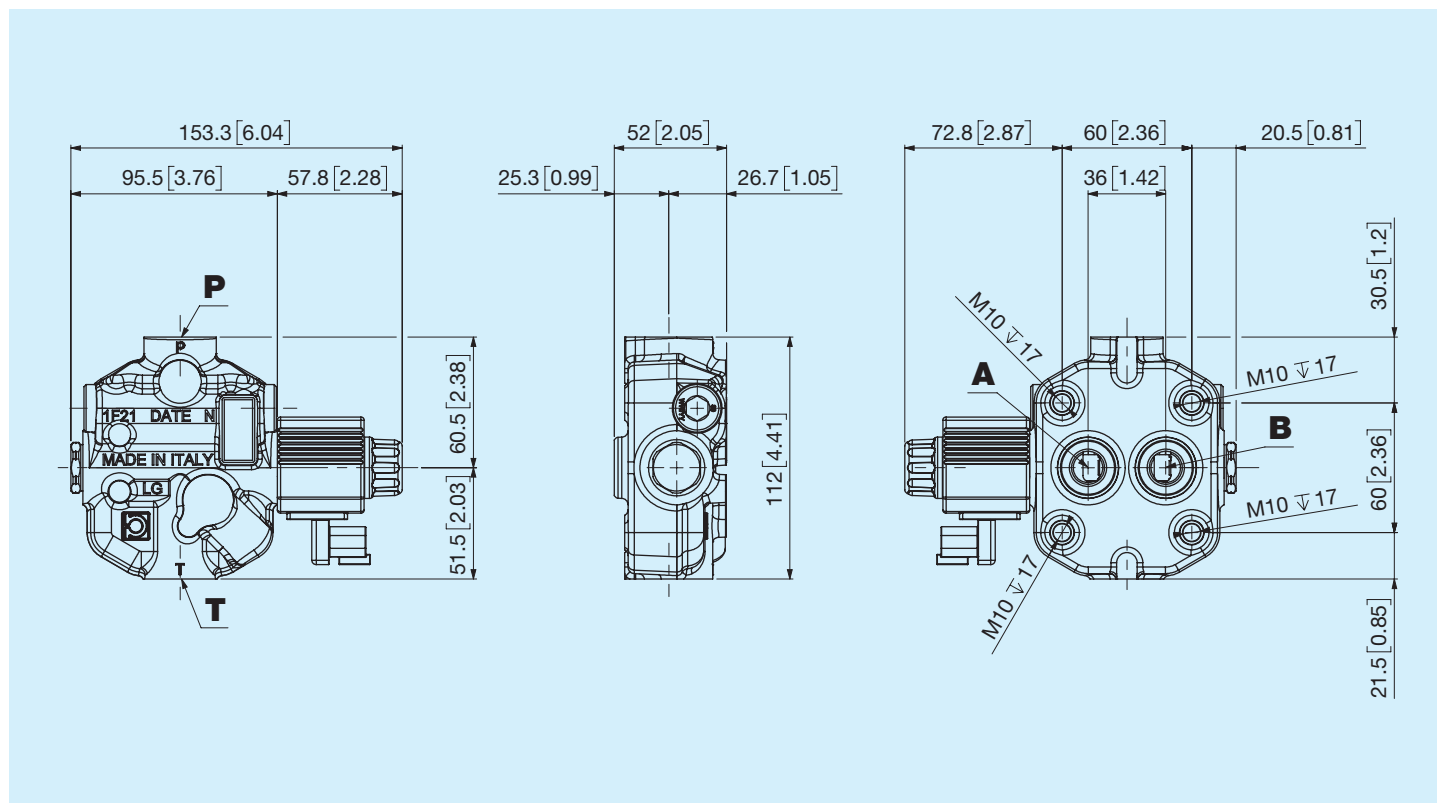
Thread ports P - T

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

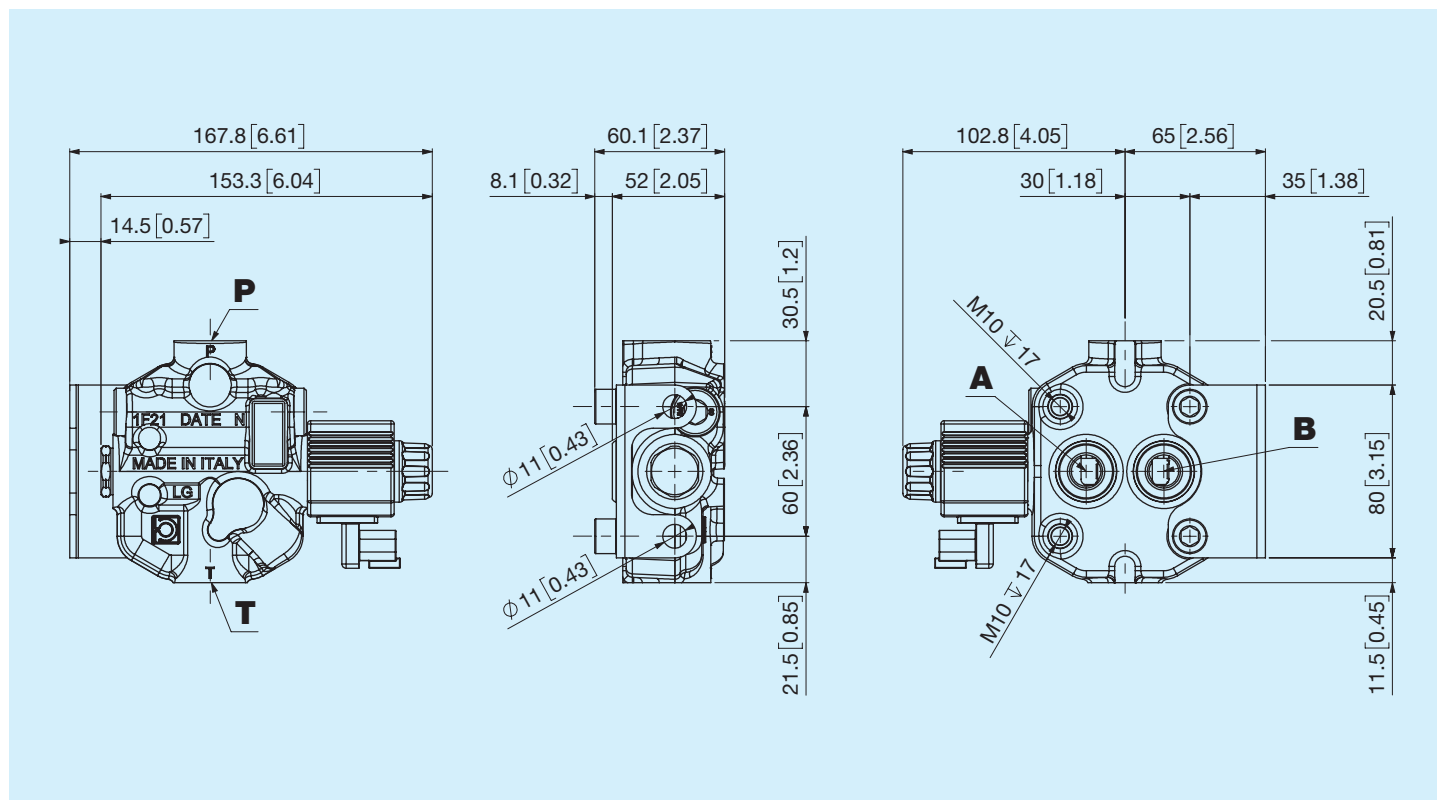
Thread ports A - B

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

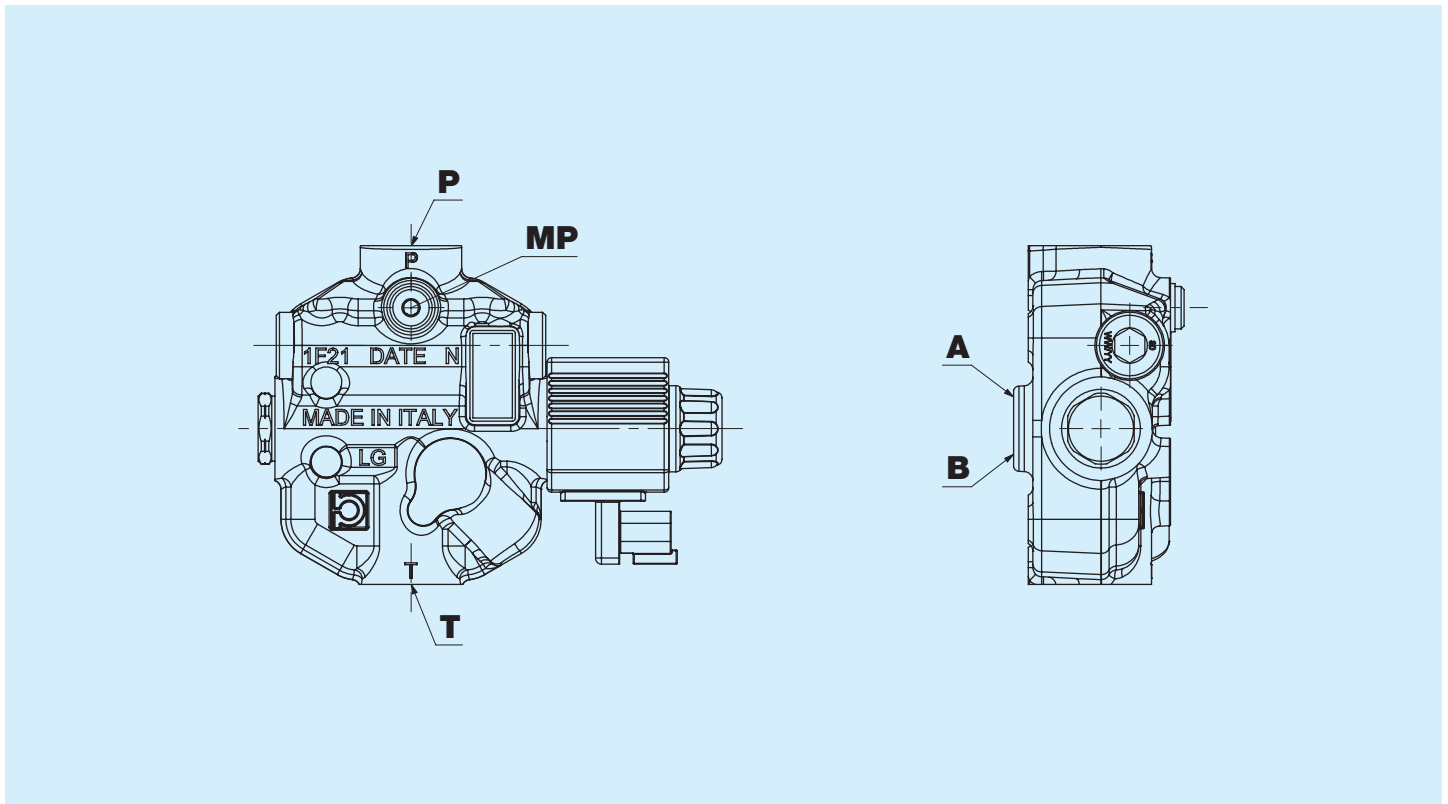
NN None



H2 Standard



MP - Pressure gauge port

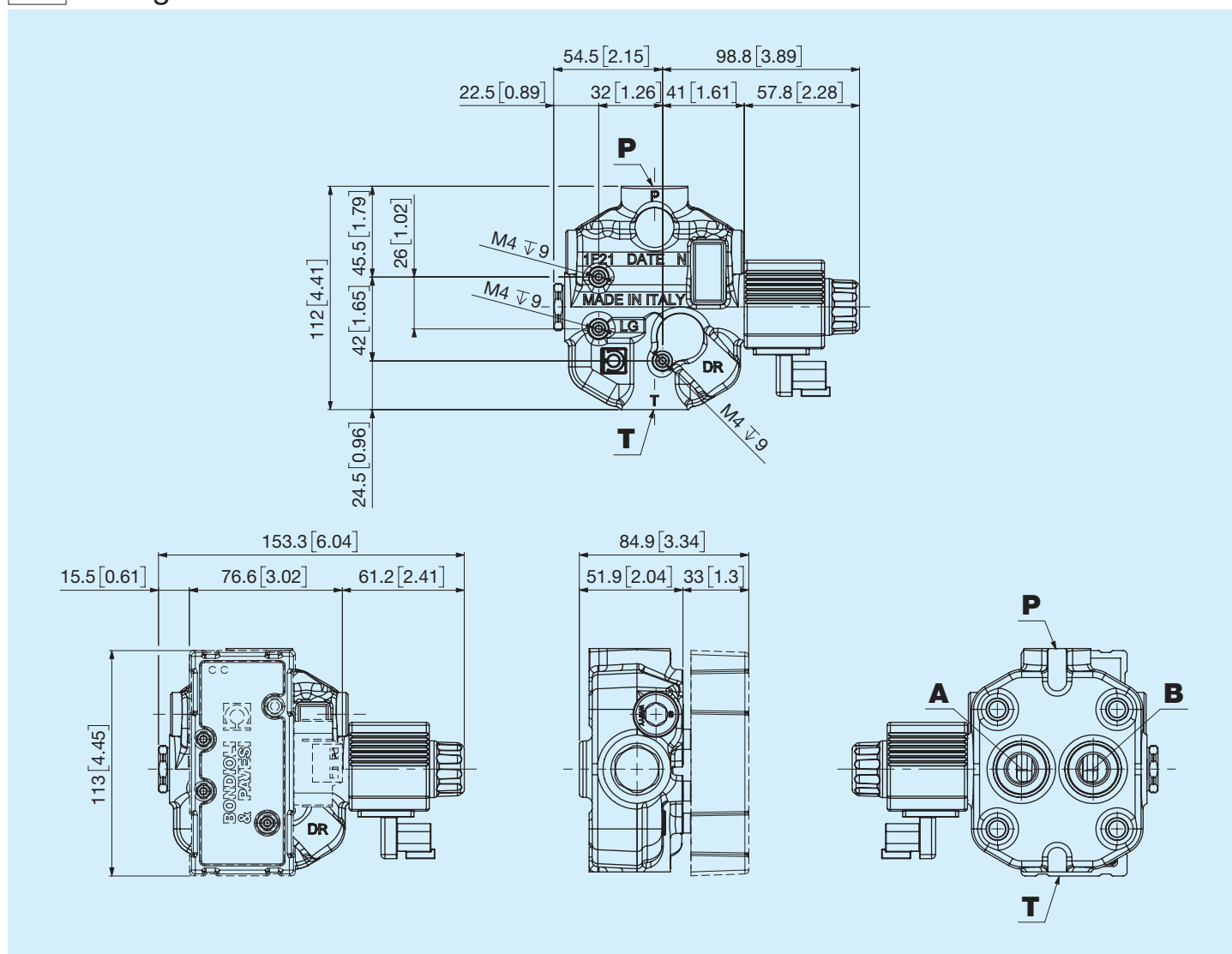


In the presence of a pressure gauge port, the solution is supplied with a plugged MP port.

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.

	1	2	3	4	5	6	7	8	9	10	11	12
FDLQC												
1 2	Maximum pressure valve type											
	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			
	10 100 bar				16 160 bar				22 220 bar			
3 4	Maximum pressure valve type											
	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			
	10 100 bar				16 160 bar				22 220 bar			
5	Thread Port P											
	B 1/2" GAS ISO 1179				R 7/8" - 14 SAE ISO 11926							
6	Thread Port A and B											
	A 3/8" GAS ISO 1179				E 3/4" - 16 SAE ISO 11926							
7 8	Bracket height											
	NN None				H2 Standard							
9	Thread Port MP											
	O None				Q 1/8" GAS ISO 1179							
10	Voltage and connector											
	A 12V DIN 43650				B 24V DIN 43650				G 12V DEUTSCH DT04-2P		H 24V DEUTSCH DT04-2P	
11	Voltage and connector											
	N None				P Arrangement							
12	External treatment											
	N None				Z Galvanising							