

2-position 2-way/3-way Pressure Compensated Proportional Flow Control Valve



It's directly driven by proportional solenoid, convert input signal into flow output signal in proportion. Flow regulation is not affected by pressure loading. 2-way valve has pressure compensated function, and 3-way has pressure compensated, sequence priority, as well as unloading function

Technical parameter (please consult factory if your application is out of below range)

Model		HYXQP-02
Mounting		Free, recommended for horizontal installing
Working temperature	(°C)	-20~+70
Weight	(kg)	1.7

Hydraulic parameter

Max working pressure	(MPa)	25
Max flow rate	(L/min)	32
Working fluid		Mineral hydraulic oil, phosphate
Fluid temp range	(°C)	-20~+75
Viscosity range		20~380
Hysteresis	%	≤5
Repeatability	%	≤1
Sensibility	%	≤1
Minimum fluid cleanliness		Maximum permissible degree of pressure fluid contamination to NAS 1638 to class 9 Recommended filter $\beta_{10} \geq 75$.

Electric parameter

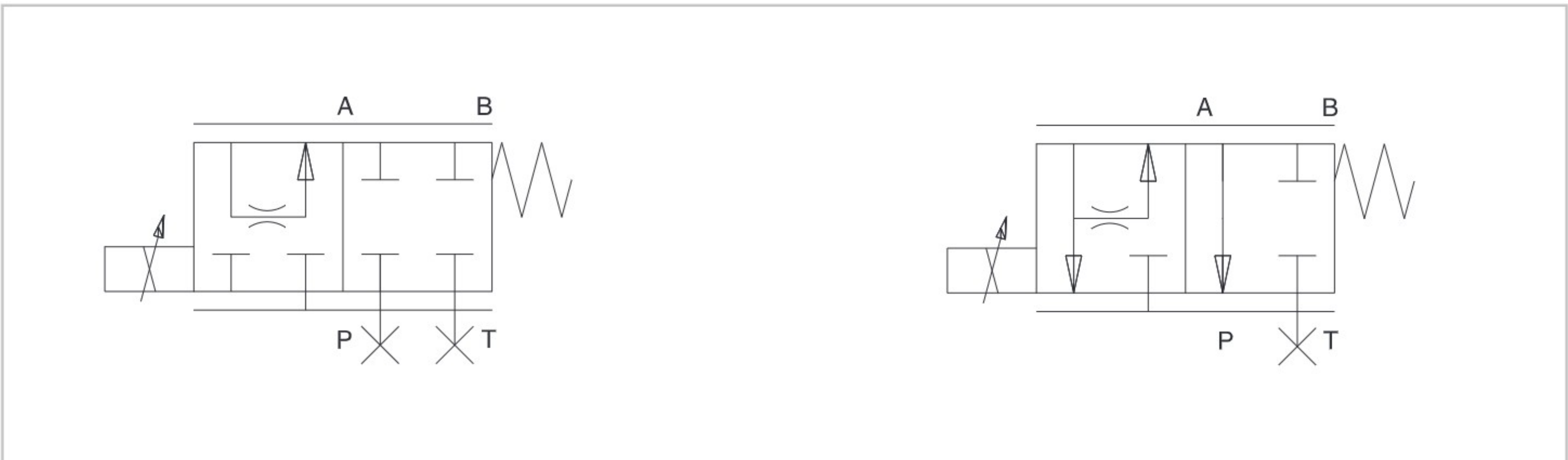
Voltage type		Direct current
Solenoid I-max	(A)	1.76
Coil resistance at 25°C	(Ω)	4
ED	(%)	100
Max coil temp	(°C)	Attainable 150
Electrical connection		Deutsch DT04-2P
IP class		Ip65

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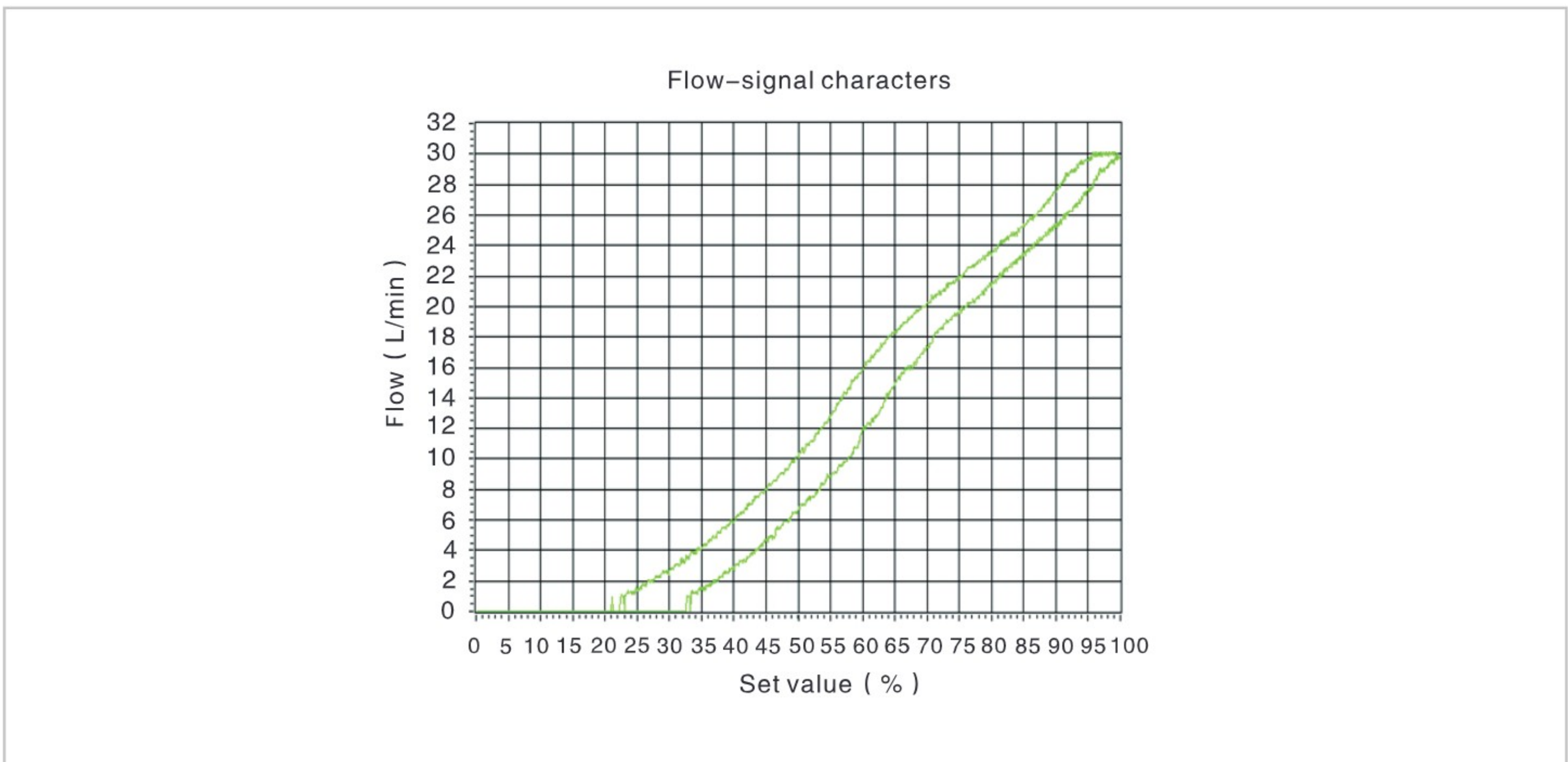
Ordering code

<p>HYXQP - 02 - 32 - * - *</p>	<p>Remark</p>
<p>2-position 2-way/3-way pressure compensated proportional flow control valve</p>	<p>Sealing Omit NBR seal V FPM seal</p>
<p>02 DN 6</p>	<p>Flow rating 32 32L/min</p>

Hydraulic symbol

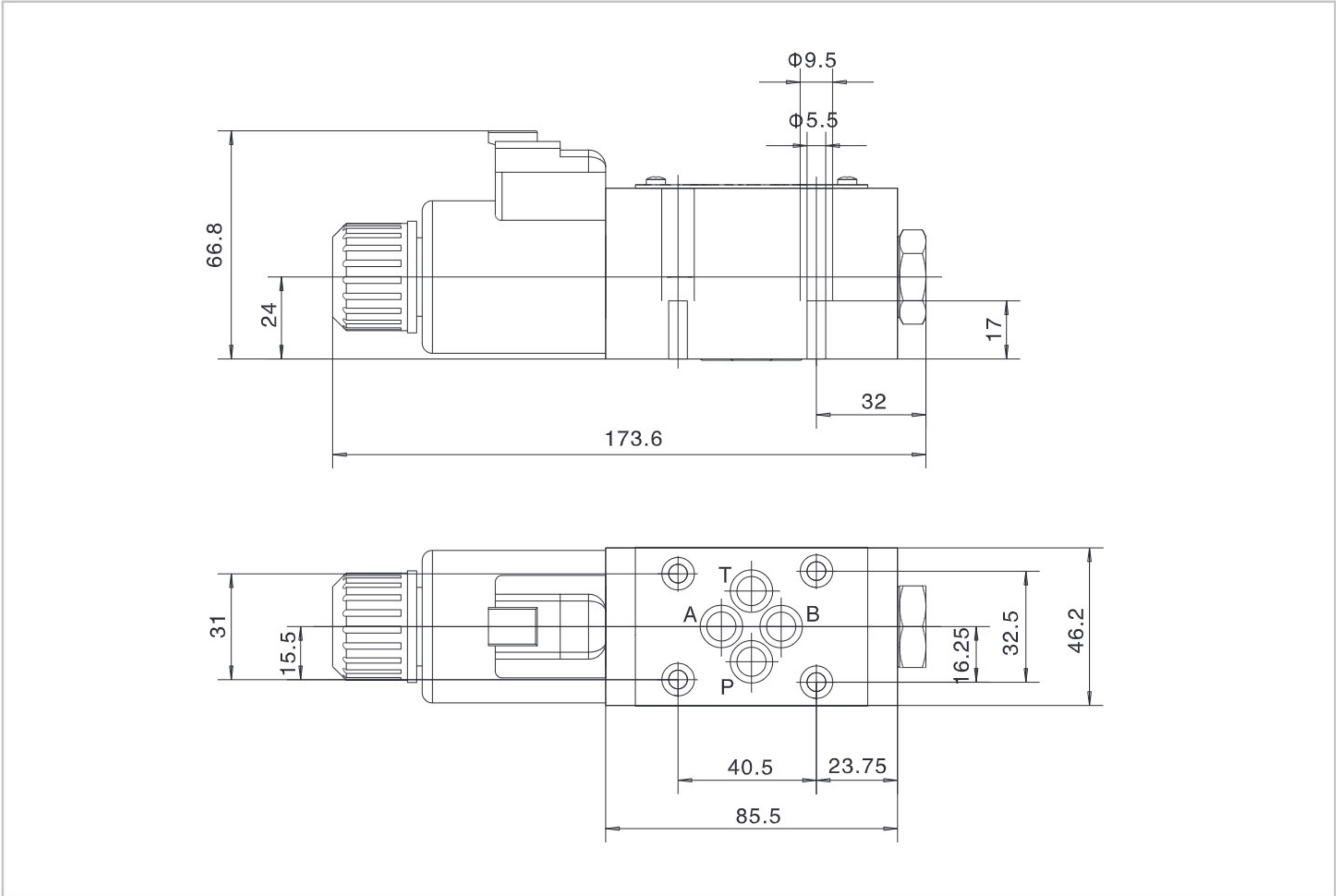


Performance curve



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External dimension and mounting



A.9.3

Sub-plate mounting

