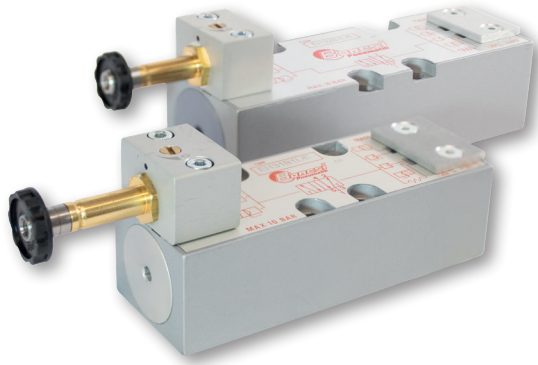


## Balanced spool electropneumatic valves - Series ISO 5599/1

Size: ISO 1 - ISO 2

### I SERIES



#### Balanced spool valves

According to ISO 5599/1 standard

High mechanical strength

 Die-cast body in painted aluminium alloy  
Anodised aluminium bases

 5/2 - 5/3 electropneumatic operation  
Internal or external servo-pilot

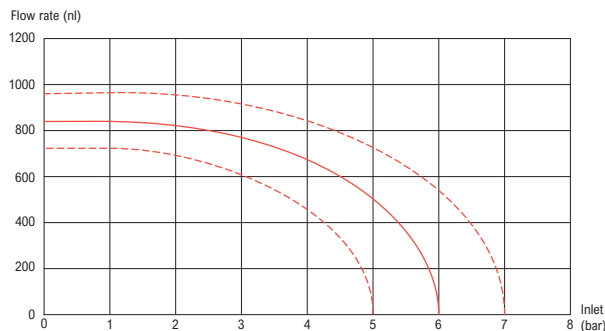
 Possibility of series assembly  
on modular bases

### TECHNICAL CHARACTERISTICS

<b>Function</b>	5/2 - 5/3	
<b>Operation</b>	Electropneumatic: Internal or external servo-pilot Monostable mechanical or pneumatic spring return, bistable, three positions	
<b>Materials</b>	Anodised aluminium alloy body, anodised aluminium alloy base and cover Internal components in steel - aluminium - brass - NBR gaskets	
<b>Note on materials</b>	Compliant with REACH (1907/2006/EC and subsequent amendments)	
<b>Connections</b>	ISO1 and ISO2 compliant with the ISO 5599/1 standard	
<b>Operating temperature</b>	0°C ÷ +90°C (-20°C with dry air, to avoid ice formation)	
<b>Operating pressure</b>	0 ÷ 10 bar	
<b>Pilot operation pressure</b>	2 bar	
<b>Air flow rate</b>	ISO 1	ISO 2
Rated diameter	5 mm	8 mm
Supply pressure	5 bar 720 NI/min	1320 NI/min
(with ΔP 1 bar)	6 bar 840 NI/min	1560 NI/min
	7 bar 960 NI/min	1780 NI/min
<b>Fluid</b>	Filtered air, lubrication-free, compliant with ISO 8573-1:2010 [7:4:4]	
<b>Lubrication</b>	Not required (if required in the pneumatic circuit, it must be continuous)	

### FLOW DIAGRAMS - ELECTROPNEUMATICALLY OPERATED VALVES

#### FLOW RATE DIAGRAM - SIZE ISO 1



#### FLOW RATE DIAGRAM - SIZE ISO 2

