

Directional valves → Supplementary products

**5/2-way valve, Series 740**

► Qn = 700 - 950 l/min ► pipe connection ► compressed air connection output: Ø 8x1 - Ø 10x1 ► Can be assembled into blocks ► Manual override: with detent ► suitable for ATEX



00134171

Version	Diaphragm poppet valve
Pilot	internal
Sealing principle	soft sealing
Mounting on manifold strip	PRS strip
Working pressure min./max.	1.5 bar / 10 bar
Ambient temperature min./max.	-15 °C / +60 °C
Medium temperature min./max.	-15 °C / +60 °C
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 mg/m³ - 5 mg/m³
<b>Materials:</b>	
Housing	Polyoxymethylene
Seals	Acrylonitrile Butadiene Rubber

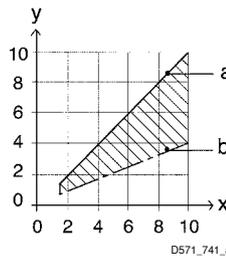
**Technical Remarks**

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- The oil content of air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

	Blocking principle	Compressed air connection				Flow rate value	Weight	Note	Part No.
		Input	Output	Exhaust	Pilot connection	Qn			
						[l/min]	[kg]		
	Single base plate principle, Plate	Ø 8x1	Ø 8x1	M14x1	Ø 8x1	700	0.23	1)	5717410000
		Ø 10x1	Ø 10x1			950			5717460000

1) See diagram  
Nominal flow Qn at p1 = 6.3 bar and Δp = 1 bar with throttle

**Pilot pressure range**



x: operating pressure (bar) y: control pressure (bar)  
a: maximum control pressure depending on operating pressure  
b: minimum control pressure depending on operating pressure

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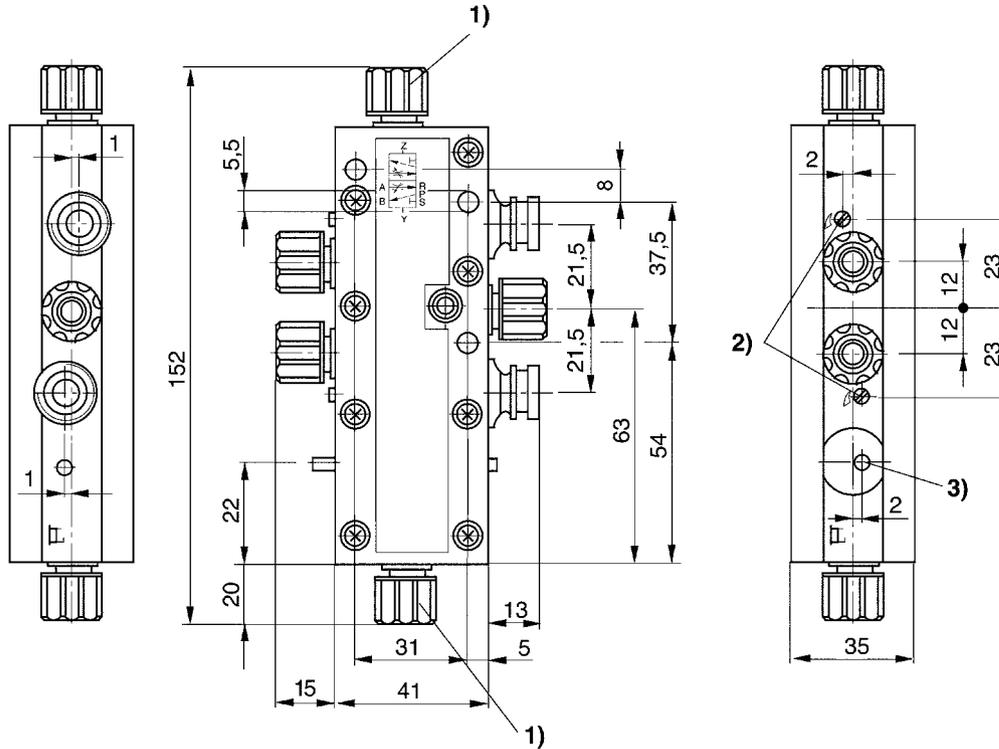
Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for more detailed information Pneumatics catalog, online PDF, as of 2012-10-25, © Bosch Rexroth AG, subject to change

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## Dimensions



D571\_746

- 1) for pipe  $\text{Ø } 8 \times 1$   
 2) flow control screw for exhausts 5 (R) and 3 (S)  
 3) position indicator