



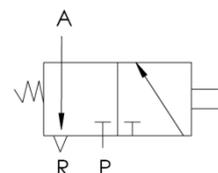
PVM-HF (High-Flow)

Mechanic-pneumatic level control valve

Mechanic level control valve for the use with BiAir® membrane air springs.

Item no. 61-0035

Graphical symbol



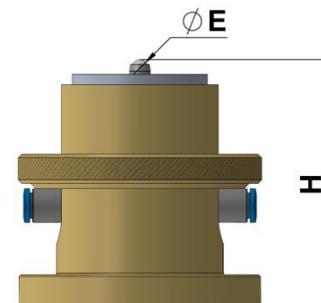
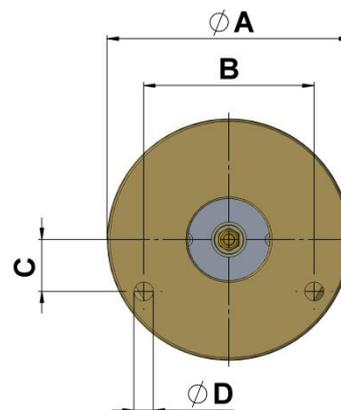
Properties

Technical data	
Function	3/2-way, normally closed
Type	Proportional control valve
Level accuracy	±1/100 mm
Medium	Air quality ISO 8573-1:2010 class 2.4.2 below 15°C: class 2.3.2
Supply pressure	0 to 6 bar
Flow rate at ratio A to P = 0.5 and completely opened plunger	320 l/min at 6 bar supply pressure
Temperature range	0°C to +60°C
Mounting	Bore holes 2 x Ø5.5mm
Installation position	Vertical
Weight	700 g
Plunger bearing	Ceramic
Range of adjustment	25 mm
Plunger stroke max.	4 mm

Exemplary illustration



Dimensional sketch



Pneumatic connections	
Input / Output	PUN 6
Air input P and air output A are marked on the sides of the valve	

Dimensions	
Height [H]	min. 70 mm max. 95 mm
Plunger diameter [E]	6 mm

Mounting base plate	
Diameter mounting plate [A]	70 mm
Center distance of bore holes [B]	49 mm
Distance to bore holes [C]	15 mm
Bore hole diameter [D]	5.5 mm

Note:
 The valve optional is available with adjustable throttle valve.
 The flow rates are given with completely opened throttle valve.