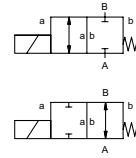


# lateral valve

## type RSV 40



**2/2 way valve** direct acting  
**pressure range** PN 0-10 bar  
**orifice** DN 40 mm  
**connection** thread  
**function** valve normally closed symbol **NC**  
 valve normally open symbol **NO**



**design** pressure balanced, with spring return  
**body materials** ① brass  
 ③ brass, nickel plated

**valve seat** synthetic resin on metal  
**seal materials** NBR **FPM**

**details needed**

- orifice
- port
- function NC/NO
- operating pressure
- flow rate
- media
- media temperature
- ambient temperature
- nominal voltage

	general specifications	options
<b>ports</b>	RSV threads G 1 1/2	
<b>function</b>	NC	NO
<b>pressure range</b>	bar 0-10	
<b>Kv value</b>	m³/h 14,0	
<b>vacuum</b>	low vacuum	
<b>pressure-vacuum</b>	P <sub>1</sub> ↔ P <sub>2</sub>	upon request
<b>back pressure</b>	P <sub>2</sub> > P <sub>1</sub>	
<b>media</b>	gaseous - liquid	
<b>abrasive media</b>		
<b>damping</b>	opening	
	closing	
<b>flow direction</b>	A ↔ B as marked	
<b>switching cycles</b>	1/min 70	
<b>switching time</b>	ms opening 150 closing 250	
<b>media temperature</b>	°C DC: -10 to +80	
	AC: -10 to +80	
<b>ambient temperature</b>	°C DC: -10 to +80	
	AC: -10 to +80	
<b>limit switches</b>		
<b>manual override</b>		
<b>approvals</b>		
<b>mounting</b>		mounting bracket/mounting holes
<b>weight</b>	kg 8,4	
<b>additional equipment</b>		upon request

**⚠** The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

**⚠** If order or application specifications are incomplete or imprecise there exists a risk of an incorrect technical design of the valve for the required application. As a consequence, the physical and / or chemical properties of the materials or seals used, may not be suitable for the intended application.

	electrical specifications	options
<b>nominal voltage</b>	U <sub>n</sub> 24 V DC	special voltage upon request
	U <sub>n</sub> 230 V 40-60 Hz AC	special voltage upon request
<b>actuation</b>	DC direct-current magnet	
	AC direct-current magnet with integrated rectifier	
<b>insulation rating</b>	H 180°C	
<b>protection</b>	IP65	
<b>energized duty rating</b>	ED 100%	
<b>connection</b>	plug acc. DIN EN 175301-803 form A, 4 positions x 90° / wire diameter 6-8 mm	terminal box M16x1,5
<b>optional additional equipment</b>	illuminated plug with varistor	
<b>current consumption</b>	N-coil 24 V DC 2,00 A	
	230 V 40-60 Hz AC 0,27 A	
<b>explosion proof</b>		
<b>limit switches</b>		

■ specifications not highlighted are standard  
 ■ specifications highlighted in grey are optional

