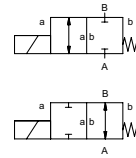



# lateral valve

## type RSV 20



**2/2 way valve** direct acting  
**pressure range** PN 0-10 bar  
**orifice** DN 20 mm  
**connection** thread  
**function** valve normally closed symbol **NC**  
 valve normally open symbol **NO**



 Above stated body materials refer to the valve port connections that get in contact with the media only!

**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 3/4 - G 1	
<b>function</b>		NC	NO
<b>pressure range</b>	bar	0-10	
<b>Kv value</b>	m³/h	6,8	
<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	140	
<b>switching time</b>	ms	opening 120 closing 160	
<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>			available
<b>approvals</b>			
<b>mounting</b>			mounting bracket/mounting holes
<b>weight</b>	kg	4,0	
<b>additional equipment</b>			upon request

**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 1,70 A	
		230 V 40-60 Hz AC 0,16 A	

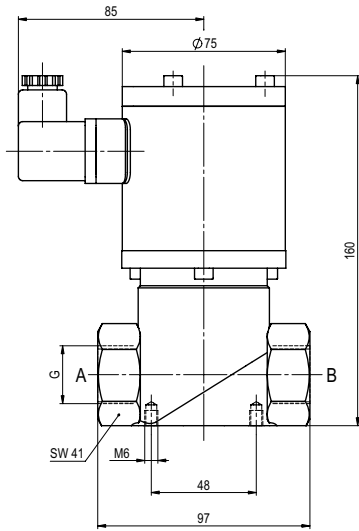
 The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

 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.

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

# type RSV 20

function: **NC**  
closed when not energized



# type RSV 20

function: **NO**  
open when not energized

