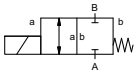
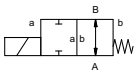
lateral valve
type RSV 12

2/2 way valve	**direct acting**	
pressure range	PN 0-10 bar	
orifice	DN 15 mm	
connection	thread	
function	valve normally closed	**NC**
	valve normally open	**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**
ports	RSV	threads G 1/2 - G 3/4	
function		NC	NO
pressure range	bar	0-10	
Kv value	m³/h	3,2	
vacuum		low vacuum	
pressure-vacuum	$P_1 \Leftrightarrow P_2$		upon request
back pressure	$P_2 > P_1$		
media		gaseous - liquid	
abrasive media			
damping	opening		
	closing		
flow direction	A ⇨ B	as marked	
switching cycles	1/min	200	
switching time	ms	opening 28 closing 30	
media temperature	°C	DC: -10 to +80	
		AC: -10 to +80	
ambient temperature	°C	DC: -10 to +80	
		AC: -10 to +80	
limit switches			
manual override			available
approvals			
mounting			mounting bracket/mounting holes
weight	kg	1,3	
additional equipment			upon request

	electrical specifications		**options**
nominal voltage	U_n	24 V DC	special voltage upon request
	U_n	230 V 40-60 Hz AC	special voltage upon request
actuation	DC	direct-current magnet	
	AC	direct-current magnet with integrated rectifier	
insulation rating	H	180°C	
protection	IP65		
energized duty rating	ED	100%	
connection		plug acc. DIN EN 175301-803 form A, 4 positions x 90° / wire diameter 6-8 mm	
optional additional equipment		illuminated plug with varistor	
current consumption	N-coil	24 V DC 1,33 A	
		230 V 40-60 Hz AC 0,17 A	
explosion proof			
limit switches			

⚠ 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.

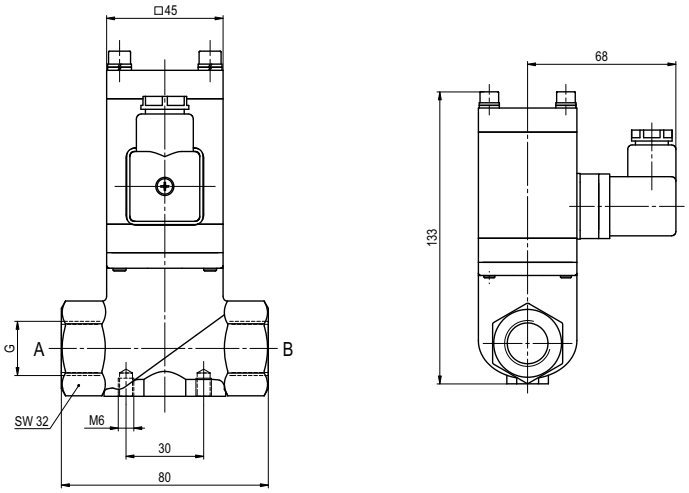
⚠ If order or application specifications are incomplete or imprecise there exists a risk of an incorrect technical design of the valve for the required application. As a consequence, the physical and / or chemical properties of the materials or seals used, may not be suitable for the intended application.

- specifications not highlighted are standard

specifications highlighted in grey are optional

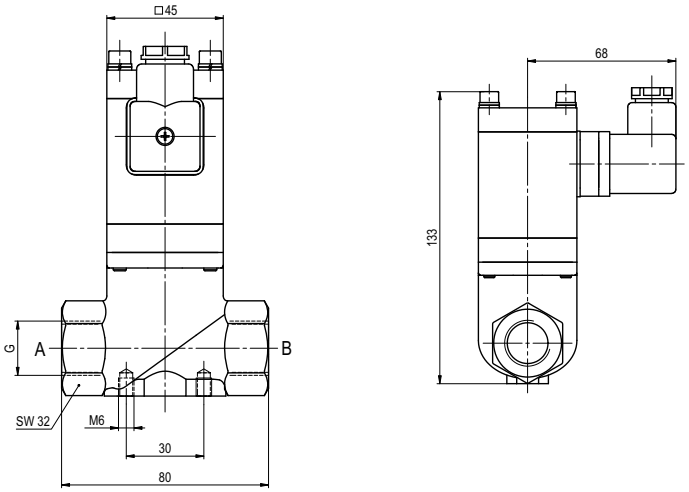
type **RSV 12**

function: **NC**
closed when not energized



type **RSV 12**

function: **NO**
open when not energized



The application-specific layout relating to temperature, pressure conditions, switching behavior, media and its consistency may restrict the range of use or necessitate relevant modifications to materials used and seal arrangements.