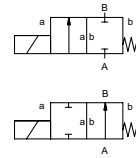


lateral valve type **KBS 15**



2/2 way valve **direct acting**
pressure range PN 0-500 bar
orifice DN 1,5-3 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 direct acting, with spring return
body materials ① brass ②
 ③ brass, nickel plated ⑤
 ④ ⑥ stainless steel
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	KBS	threads G 3/8		special threads
function	NC			NO
pressure range	bar	250	400 500	100 300 500
	DN	3	2 1,5	3 2 1,5
Kv value	l/min	5,2	1,3 1,1	5,2 1,3 1,1
vacuum	leak rate	< 10 ⁻⁶ mbar·l·s ⁻¹		
pressure-vacuum	P ₁ ↔ P ₂	upon request		
back pressure	P ₂ > P ₁	upon request		
media	gaseous - liquid			
abrasive media				
damping	opening closing			
flow direction	A ↔ B	as marked		bi-directional upon request
switching cycles	1/min	270		
switching time	ms	opening 60 closing 160		
media temperature	°C	DC: -40 to +100 AC: -40 to +100		
ambient temperature	°C	DC: -40 to +80 AC: -40 to +80		
limit switches				
manual override				
approvals	WAZ			
mounting	mounting holes			
weight	kg	4,2		
additional equipment	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
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		terminal box M16x1,5
optional additional equipment	M12x1	connector acc. DESINA	connector acc. VDMA
current consumption	24 V DC 2,30 A 230 V 40-60 Hz AC 0,24 A		
explosion proof			
limit switches			

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

