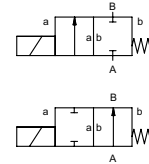



lateral valve

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 pressure balanced, 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: -20 to +100	
		AC: -20 to +100	
ambient temperature	°C	DC: -20 to +80	
		AC: -20 to +80	
limit switches			
manual override			
approvals			WAZ
mounting			mounting holes
weight	kg	4,2	
additional equipment			upon request

electrical specifications

options

nominal voltage	U _n	DC 24 V	special voltage upon request
	U _n	AC 230 V 40-60 Hz	special voltage upon request
actuation	DC	direct-current magnet	
	AC	direct-current magnet with integrated rectifier	
insulating rating	H	180°C	
protection	IP65		
energized duty rating	ED	100%	
connection		plug acc. DIN EN 175301-803 form A, 4 positions x90° / wire diameter 6-8 mm	terminal box M16x1,5
optional	M12x1	connector acc. DESINA	connector acc. VDMA
additional equipment			
current consumption		DC 24 V 2,30 A	
		AC 230 V 40-60 Hz 0,24 A	
explosion proof			
limit switches			

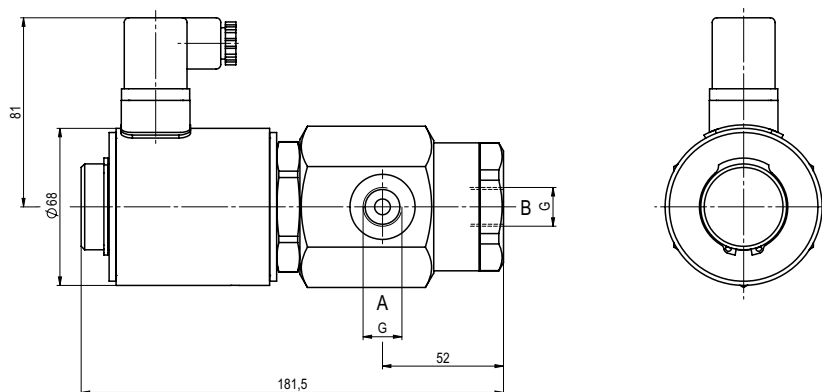
 The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

 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 **KBS 15**

function: **NC**
closed when not energized



type **KBS 15**

function: **NO**
open when not energized

