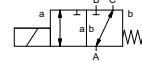


# coaxial valve

## type MK 15 DR TÜV FK 15 DR TÜV



3/2 way valve	direct acting
pressure range	PN 0-40 bar
orifice	DN 15 mm
connection	thread/flange
function	valve
	normally closed (A ▶ B)
	symbol NC



**design** pressure balanced, with spring return, switching overlap  
**body materials** ⑦ TÜV

**valve seat** synthetic resin on metal  
**seal materials** FPM, PTFE

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

### details needed

- orifice
- port
- function NC
- operating pressure
- inlet pressure at A, B or C
- flow rate
- media
- media temperature
- ambient temperature
- nominal voltage

general specifications		options
ports	MK threads G 3/8 - G 3/4	
	FK flanges PN 40	
function	NC	
pressure range	bar 0-40	
Kv value	A ⇌ B max. 40 / B ⇌ A max. 16 / A ⇌ C max. 40 / C ⇌ A max. 40	
vacuum	m³/h 4,3	
pressure-vacuum	leak rate	
back pressure	P <sub>1</sub> ⇌ P <sub>2</sub>	
media	P <sub>2</sub> > P <sub>1</sub>	see pressure range
abrasive media	media	liquid fuels
damping	opening	
	closing	
flow direction	see pressure range	
switching cycles	1/min 200	
switching time	ms opening 80 closing 80	
media temperature	°C DC: -10 to +140	
	AC: -10 to +140	
ambient temperature	°C DC: -10 to +60	
	AC: -10 to +60	
limit switches		mechanical
manual override		
approvals	TÜV DIN EN ISO 23553-1 + E DIN 32725	
mounting		mounting brackets
weight	kg MK 4,3 FK 5,9	
additional equipment		

### electrical specifications

nominal voltage	U <sub>n</sub> DC 24 V	
	U <sub>n</sub> AC 230 V 40-60 Hz	
actuation	DC direct-current magnet	
	AC direct-current magnet with separate rectifier	
insulating rating	H 180°C	
protection	IP65	
energized duty rating	ED 100%	
connection	M16x1,5 terminal box	

optional additional equipment		
current consumption	N-coil	
	H-coil DC 24 V 2,30 A	
	AC 230 V 40-60 Hz 0,24 A	

**explosion proof**

**limit switches** mechanical single pole double throw-SPDT

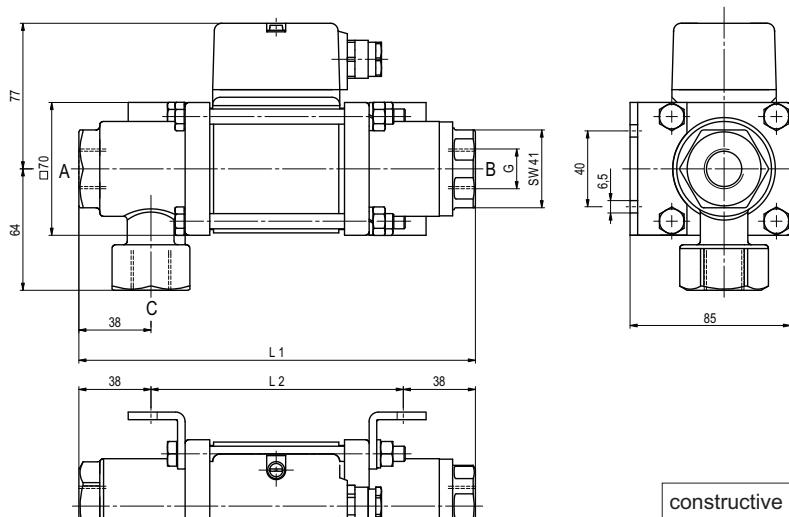
 The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

 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 MK 15 DR TÜV

function: **NC**  
closed when not energized (A ▶ B)



constructive length	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>
standard	209	133	265
with mechanical limit switches	229	153	285

## type FK 15 DR TÜV

function: **NC**  
closed when not energized (A ▶ B)

