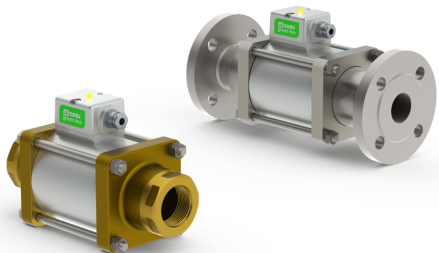
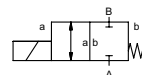


coaxial valve

type **RMK 40**
RFK 40



2/2 way valve direct acting
pressure range PN 0-64 bar
orifice DN 40 mm
connection thread/flange
function valve
normally closed
symbol **NC**



⚠ 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 steel, galvanized
③ brass, nickel plated ⑤ without non-ferr. metals
④ steel, nickel plated ⑥ stainless steel
valve seat synthetic resin on metal
seal materials FPM, PTFE, EPDM

details needed

- orifice
- port
- function NC
- operating pressure
- flow rate
- media
- media temperature
- ambient temperature
- description of the operating mode

	general specifications	options
ports	RMK threads G 1 1/2 - G 2 RFK flanges PN 16 / 40 / 100	special threads special flanges
function	NC	
pressure range	bar 0-16 / 0-40 / 0-64	
Kv value	m³/h 16,4 - Qmax. 306 l/min	
vacuum	leak rate	< 10 ⁻⁴ mbar·l·s ⁻¹
pressure-vacuum	P ₁ ⇄ P ₂	upon request
back pressure	P ₂ > P ₁	available (max. 16 bar)
media	gaseous - liquid	
abrasive media		upon request
damping	opening refer to switching times closing refer to switching times	
flow direction	A ⇄ B as marked	bi-directional (max. 16 bar)
switching cycles	1/min	
switching time	ms selectable, ca. 200, 400, 800, 1000 ms	
media temperature	°C DC: -20 to +100	
ambient temperature	°C DC: -20 to +80	
limit switches	integrated	
manual override		
approvals		WAZ
mounting		mounting brackets
weight	kg MK 14,0 FK 18,0	
additional equipment		

⚠ 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.

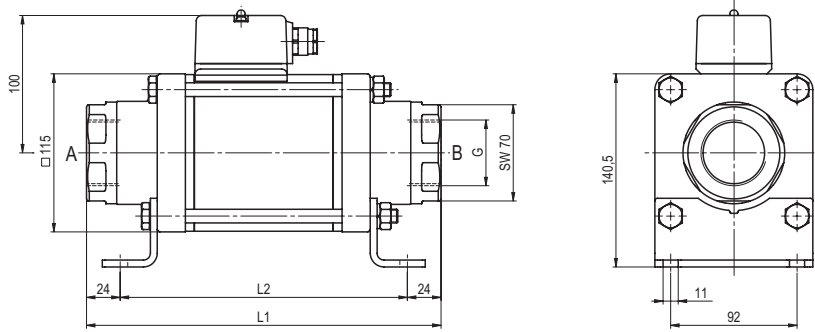
	electrical specifications	options
nominal voltage	U _n DC 24 V	
actuation	DC DC solenoid, electronic control system with connectors integrated in the terminal box	
insulating rating	H 180°C	
protection	IP65	
energized duty rating	ED 100% terminal box M16x1,5	
connection		
optional additional equipment	LED indicator on the terminal box	(refer to operating manual)
current consumption	typical current consumption approx. 0,6 A average power consumption approx. 14,4 W short-term peak current (<0,5 s) 4,5 A max. power consumption approx. 110 W	
operating mode	on - off with damping -> 24 V digital control signal necessary	
	infinitely under development	
	variable	
limit switches	24 V digital signal tapped at terminal	(refer to operating manual)

* typical values for example in the range of 0-100 bar, 0-90°C

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

type **RMK 40**

function: **NC**
closed when not energized



constructive length	L1	L2	L3
standard	258	210	324

flanges PN	DIN	$\varnothing D$	$\varnothing k$	$\varnothing d$
16	EN 1092-1	150	110	18
40	EN 1092-1	150	110	18
100	EN 1092-1	170	125	22

type **RFK 40**

function: **NC**
closed when not energized

