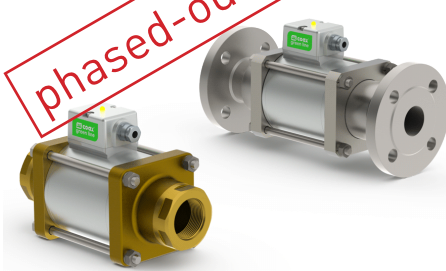


type RMK 40
RFK 40

03/2022

phased-out model



⚠ 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
- flow rate
- media
- media temperature
- ambient temperature
- description of the operating mode

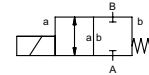
⚠ The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

⚠ 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. To avoid hydraulic shocks in pipelines, the flow velocities must be taken into account when designing valves for liquids.

specifications not highlighted are standard
 specifications highlighted in grey are optional

2/2-way valve
pressure range
orifice
connection
function

direct acting
PN 0-63 bar
DN 40 mm
thread/flange
valve normally closed
symbol **NC**



operating principle
body material

pressure balanced, with spring return
① brass
② steel galvanized
③ brass, nickel plated
④ steel, nickel plated
⑤ without non-ferr. Metals
⑥ stainless steel

valve seat
seal materials

synthetic materials on metal
FPM, PTFE, EPDM

ports
function
pressure range
Kv value
vacuum
pressure-vacuum
back pressure
media
abrasive media
damping
flow direction
switching cycles
switching time
media temperature
ambient temperature
limit switches
manual override
approvals
mounting
weight
additional equipment

general specifications
RMK threads G 1 1/2 - G 2
RFK flanges PN 16 / 40 / 100
NC
bar 0-16 / 0-40
m³/h 18,4 - Qmax. 306 l/min
leak rate < 10⁻⁶ mbar•L•s⁻¹
P₁ ⇔ P₂ upon request
P₂ > P₁ available (max. 16 bar)
emulsion - oil other medias upon request
upon request
opening refer to switching times
closing refer to switching times
A ⇔ B as marked bi-directional (max. 16 bar)
1/min
ms selectable, ca. 200, 400, 800, 1000 ms
°C DC: -20 to +100
°C DC: -20 to +80
integrated
WAZ
mounting brackets
kg RMK 14,0 RFK 18,0

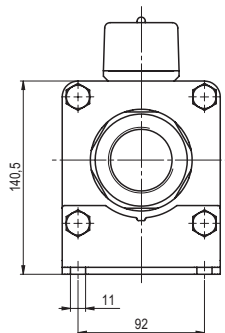
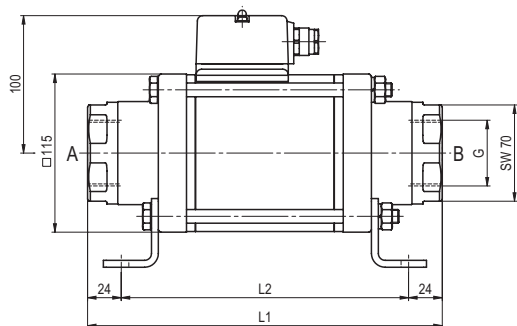
nominal voltage
actuation
insulating rating
protection
energized duty rating
connection
optional
additional equipment
current consumption
operating mode
limit switches

electrical specifications
U_n DC 24 V
DC direct-current magnet
electronic control system with connectors
integrated in the terminal box
H 180°C
IP65
ED 100%
M16x1,5 terminal box
M12x1 connector
LED indicator on the terminal box [refer to operating manual]
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
with damping -> 24 V digital control signal necessary
24 V digital signal [refer to operating manual]
tapped at terminal

coax® data sheet - coaxial valve

type RMK 40
RFK 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

function: **NC**
closed when not energized

