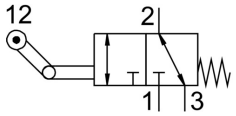
Roller lever valve
VMEF-KT-M32-M-G14

Part number: 8047103



Data sheet

Feature	Value
Valve function	3/2, monostable
Actuation type	Mechanical
Width	20 mm
Standard nominal flow rate	870 l/min
Pneumatic working port	G1/4
Operating pressure	-0.095 MPa ... 1 MPa
Operating pressure	-0.95 bar ... 10 bar
Structural design	One-way roller lever Plate seat
Reset method	Mechanical spring
Max. stroke limit (hard)	11 mm
Nominal width	6 mm
Type code	VMEF
Application note	Risk of pinching
Sealing principle	Soft
Mounting position	Any
Type of control	Direct
Flow direction	Reversible
Symbol	00991348
Lap	Zero overlap
Max. actuating speed with lateral actuation	0.7 m/s
Max. switching frequency	3 Hz
Cam angle	30 deg
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	1 - Low corrosion stress
Temperature of medium	-10 °C ... 60 °C
Ambient temperature	-10 °C ... 60 °C
Note on ambient temperature	Influence of heat on wear
Actuating force	32.7 N
Product weight	218 g
Type of mounting	With through-hole
Pneumatic connection 1	G1/4

Feature	Value
Pneumatic connection 2	G¼
Pneumatic connection 3	G1/4
Note on materials	RoHS-compliant
Actuator attachments material	Steel, galvanized
Seals material	NBR
Housing material	Wrought aluminum alloy, anodized