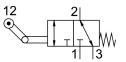
Roller lever valve VMEF-KT-M32-M-G14 Part number: 8047103



Data sheet

Instrume Instrume Inplace Zero overlap Operating pressure -0.095 MPa 1 MPa Actuation type Mechanical Width 20 mm Standard nominal flow rate 870 //min Pneumatic working port G1/4 Operating pressure -0.95 bar 10 bar Design One way roller lever Plate seat Plate seat Reset method Mechanical spring Max. stroke limit (hard) 11 mm Nominal width 6 mm Type code VMEF Application note Risk of pinching Staling principle Soft Mounting position Any Type of control Direct Flow direction Reversible Symbol 00591348 Max. switching frequency 3 Hz Carn angle 30 deg Explosion prevention and protection Cornersion sets Corrison resistance class (CRC) 1 - Low corrosoin setses Corrosoin resistance class (CRC) 1 - Low corrosoin setses	Feature	Value
Operating pressure 0.095 MPa 1 MPa Actuation type Mechanical Width 20 mm Standard nominal flow rate 870 /min Pneumatic working port G1/4 Operating pressure -0.95 bar 10 bar Design One-way roller lever Plate seat Reset method 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 Max. switching frequency 3 Hz Cam angle 30 deg Explosion prevention and protection Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Operating medium Compressed air as per ISO 8573-1:2010 [7:-:] Information on operating and pilot media Operation sutto ill ulbrication possible (required for further use) Zone 2 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 2	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 -0.95 bar 10 bar Design One-way roller lever Plate seat Mechanical spring Max. stroke limit (hard) 11 mm Nominal width 6 mm Ype code VMEF Application note Risk of pinching Sealing principle Soft Mounting position Any Type of control Direct Flow direction Reversible Symbol 00991348 Max. actuating speed with lateral actuation 0.7 m/s Max. switching frequency 3 Hz Carn angle 30 deg Explosion prevention and protection Zone 1 (ATEX) Corrosion resistance class (CRC) 1- Low corrosion stress Temperature -10 °C 60 °C Ambient temperature Information wear Note on ambient temperature 128 g Type of mounting 32.7 N	Lap	Zero overlap
Width 20 mm Standard nominal flow rate 870 l/min Pneumatic working port G1/4 Operating pressure -0.95 bar 10 bar Design One way roller lever Plate seat Mechanical spring Max. stroke limit (hard) 11 mm Nominal width 6 mm Yope code VMEF Application note Risk of pinching Sealing principle Soft Mounting position Any Type of control Direct Flow direction Reversible Symbol 00991348 Max. actuating speed with lateral actuation 0.7 m/s Max. stutching frequency 3 Hz Cam angle 30 deg Explosion prevention and protection 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 Anbient temperature Influence of heat on wear Actuating force 22.7 N Pr	Operating pressure	-0.095 MPa 1 MPa
Standard nominal flow rate870 l/minPneumatic working portG1/4Operating pressure-0.95 bar 10 barDesignOne-way roller lever Plate seatReset methodMechanical springMax. stoke limit (hard)11 mmNominal width6 mmType codeVMEFApplication noteRisk of pinchingSealing principleSoftMounting positionAnyType of controlDirectFlow directionReversibleSymbol00991348Max. switching frequency3 HzCam angle30 degExplosion prevention and protectionQreation with oil lubrication possible (required for further use) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX)Operating medium10 °C 60 °CInformation on operating and pilot media10 °C 60 °CNobient temperature10 °C 60 °CNobient temperature12 °C 50 °CNote of mediation2.7 NProduct weight218 gType of mountingWith through-hole	Actuation type	Mechanical
Pneumatic working port G1/4 Operating pressure -0.95 bar 10 bar Design One-way roller lever Plate seat Mechanical spring Max. stroke limit (hard) 11 mm Nominal width 6 mm Ype code VMEF Application note Risk of pinching Sealing principle Soft Mounting position Any Type of control Direct Flow direction Reversible Symbol 00991348 Max. suitching frequency 3 Hz Cam angle 30 deg Explosion prevention and protection Come 1 (ATEX) Zone 2 (ATEX) Zone 2 (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 Anbient temperature -10 °C 60 °C Anbient temperature 128 g Product weight 218 g	Width	20 mm
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DesignOne-way roller lever Plate seatReset methodMechanical springMax. stroke limit (hard)11 mmNominal width6 mmType codeVMEFApplication noteRisk of pinchingSealing principleSoftMounting positionAnyType of controlDirectFlow directionReversibleSymbol00991348Max. actuating speed with lateral actuation0.7 m/sMax. switching frequency3 HzCam angle30 degExplosion prevention and protectionZone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010[7-:-]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressTemperature of medium10 °C 60 °CAntuating force32.7 NProduct weight218 gType of mountingWith through-hole	Pneumatic working port	G1/4
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Mounting positionAnyType of controlDirectFlow directionReversibleSymbol00991348Max. actuating speed with lateral actuation0.7 m/sMax. switching frequency3 HzCam angle30 degExplosion prevention and protectionZone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:-:-]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressTemperature of medium-10 °C 60 °CAmbient temperature10 °C 60 °CNote on ambient temperature1nfluence of heat on wearActuating force32.7 NProduct weight218 gType of mountingWith through-hole	Application note	Risk of pinching
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Flow directionReversibleSymbol00991348Max. actuating speed with lateral actuation0.7 m/sMax. switching frequency3 HzCam angle30 degExplosion prevention and protectionZone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010[7:-:-]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressTemperature of medium-10 °C 60 °CAmbient temperature1nfluence of heat on wearActuating force32.7 NProduct weight218 gType of mountingWith through-hole	Mounting position	Any
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Max. switching frequency3 HzCam angle30 degExplosion prevention and protectionZone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:-:-]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressTemperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CNote on ambient temperatureInfluence of heat on wearActuating force32.7 NProduct weight218 gType of mountingWith through-hole	Symbol	00991348
Cam angle30 degExplosion prevention and protectionZone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:-:-]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressTemperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CNote on ambient temperatureInfluence of heat on wearActuating force32.7 NProduct weight218 gType of mountingWith through-hole	Max. actuating speed with lateral actuation	0.7 m/s
Explosion prevention and protectionZone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:-:-]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressTemperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CNote on ambient temperatureInfluence of heat on wearActuating force32.7 NProduct weight218 gType of mountingWith through-hole	Max. switching frequency	3 Hz
Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressTemperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CNote on ambient temperatureInfluence of heat on wearActuating force32.7 NProduct weight218 gType of mountingWith through-hole	Cam angle	30 deg
Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressTemperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CNote on ambient temperatureInfluence of heat on wearActuating force32.7 NProduct weight218 gType of mountingWith through-hole	Explosion prevention and protection	Zone 2 (ATEX) Zone 21 (ATEX)
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Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CNote on ambient temperatureInfluence of heat on wearActuating force32.7 NProduct weight218 gType of mountingWith through-hole	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Ambient temperature-10 °C 60 °CNote on ambient temperatureInfluence of heat on wearActuating force32.7 NProduct weight218 gType of mountingWith through-hole	Corrosion resistance class (CRC)	1 - Low corrosion stress
Note on ambient temperatureInfluence of heat on wearActuating force32.7 NProduct weight218 gType of mountingWith through-hole	Temperature of medium	-10 °C 60 °C
Actuating force 32.7 N Product weight 218 g Type of mounting With through-hole	Ambient temperature	-10 °C 60 °C
Product weight 218 g Type of mounting With through-hole	Note on ambient temperature	Influence of heat on wear
Type of mounting With through-hole	Actuating force	32.7 N
	Product weight	218 g
Pneumatic connection 1 G1/4	Type of mounting	With through-hole
	Pneumatic connection 1	G1/4



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