Roller lever valve VMEF-RT-M32-M-G14 Part number: 8047095

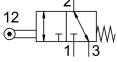


Data sheet

Width20 mmStandard nominal flow rate870 l/minPneumati working portG1/4Operating pressure-0.95 MPa 1 MPaOperating pressure-0.95 bar 10 barStructural designRoller lever Plate seatReset methodMechanical springMax. stroke limit (hard)6.3 mmNominal width6 mmType codeVMEFApplication noteSoftSealing principleSoftNounting positionAnyType of controlDirectFlow directionReversibleSymbol00991353LapZero overlapMax. actuating speed with lateral actuation1.4 m/sMax. actuating frequency3 HzZam angle30 degExplosion prevention and protectionCompressed air as per ISO 8573-1:2010 [7:-1]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRQ)1-10w corrosion stressTemperature of medium-10 °C 60 °CAnbient temperature1.60 °CAnbient temperature1.60 °CAnbient temperature1.04 g	Feature	Value
Vieth 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 Mar 10 bar Structural design Roller lever Plate seat Reset method Mcchanical spring Max. stroke limit (hard) 6.3 mm Nominal width 6 mm Type code VMEF Application note Risk of pinching Sealing principle Soft Mounting position Any Type of control Direct Elow direction Reversible Symbol 00991353 Lap Zero overlap Max. sutching frequency 3 Hz Cam angle 30 deg Exploision prevention and protection Conte (ATEX) Zone 21 (ATEX) Zone 21 (ATEX) Zone 21 (ATEX) Operating medium Compressed air as per IS0 8573-1:2010[7:] Information on operating and pilot media Operation withoi all ubrication possible (required for further use) Corrosion resistance class (CRC) 1 - low corrosion stress Temperature of medium -10 °C 60 °C Anabient temperature Influence of heat on wear Actuating force 35.2 N Product weight 20	Valve function	3/2, monostable
Standard nominal flow rate870 1/minPneumatic working portG1/4Operating pressure-0.095 MPa 1 MPaOperating pressure-0.95 bar 10 barStructural designRoller lever Plate seatReset methodMechanical springMax. stroke limit (hard)6.3 mmNominal width6 mmType codeVMEFApplication noteRisk of pinchingSealing principleSoftMounting positionAnyType of controlDirectFlow directionReversibleSymbol00991353CapZero overlapMax. stroke ling requercy3 HzCam angle30 degExplosion prevention and protectionCompressed air as per IS0 8573-1:2010 [7:-1]Information on perating and pilot mediaOperation stressCorrosion resistance class (CRC)1-1 Cow corrosion stressTemperature-10 °C 60 °CAnbient temperature10 °C 60 °CNote on ambient temperature10 °C 60 °CArbuarding fore35.2 NProduct weight204 gType of mountingWith through-hole	Actuation type	Mechanical
Preumatic working port Preumatic working port Preumatic working port Preumatic working port Operating pressure Operating pressu	Width	20 mm
Operating pressure -0.95 MPa 1 MPa Operating pressure -0.95 MPa 1 0 bar Structural design Roller lever Plate seat Reset method Max. stoke limit (hard) 6.3 mm Nominal width 6 mm Type code WEF Application note Risk of pinching Sealing principle Soft Mounting position Any Type of control Direct Flow direction Reversible Symbol 00991353 Lap Zero overlap Max. switching frequency 3 Hz Cam angle 30 deg Explosion prevention and protection Compressed air as per ISO 8573-1:2010 [7:] 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 (CKC) 1 - low corrosion stress Temperature of medium 10 °C 60 °C Anbient temperature Influence of heat on wear Actuating force 35.2 N Product weight 204 g	Standard nominal flow rate	870 l/min
Operating pressure-0.95 bar 10 barStructural designRoller lever Plate seatReset methodMechanical springMax. stroke limit (hard)6.3 mmNominal width6 mmType codeVMEFApplication noteRisk of pinchingSealing principleSoftMounting positionAnyType of controlDirectFlow directionReversibleSymbol00991353LapZero overlapMax. studting frequency3 HzCam angle30 degExplosion prevention and protectionZone 21 (ATEX) Zone 21 (ATEX) Zone 21 (ATEX) Zone 23 (ATEX)Operating medium-00 corresion stressTemperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CAmbient temperatureInfluence of heat on wearActuating fore32.2 NProduct weight204 gType of mountingWith through-hole	Pneumatic working port	G1/4
Structural design Roller lever Plate seat Reset method Mechanical spring Max. stroke limit (hard) 6.3 mm Nominal width 6 mm Type code VMEF Application note Risk of pinching Sealing principle Soft Mounting position Any Type of ontrol Direct Flow direction Reversible Symbol 00991353 Lap Zero overlap Max. sutching frequency 3 Hz Can angle 30 deg Explosion prevention and protection Zone 1 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Operating medium Compersed 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 froce 35.2 N Product weight 204 g	Operating pressure	-0.095 MPa 1 MPa
Plate seat Reset method Mechanical spring Max. stroke limit (hard) 6.3 mm Nominal width 6 mm Nominal width 6 mm Application note Risk of pinching Sealing principle Soft Mounting position Any Type of control Direct Flow direction Reversible Symbol 00991353 Lap Zero overlap Max. stututing speed with lateral actuation 1.4 m/s Max. switching 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 Note on ambient temperature 10Fue of heat on wear Actuating froce 35.2 N Product weight 204 g	Operating pressure	-0.95 bar 10 bar
Max. stroke limit (hard)6.3 mmNominal width6 mmType codeVMEFApplication noteRisk of pinchingSealing principleSoftMounting positionAnyType of controlDirectFlow directionReversibleSymbol00991353LapZero overlapMax. actuating speed with lateral actuation1.4 m/sMax. actuating speed with lateral actuation30 degExplosion prevention and protectionZone 1 (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 °CNote on ambient temperatureInfluence of heat on wearActuating force35.2 NProduct weight204 gType of mountingWith through-hole	Structural design	
Nominal width6 mmType codeVMEFApplication noteRisk of pinchingSealing principleSoftMounting positionAnyType of controlDirectFlow directionReversibleSymbol00991353LapZero overlapMax. actuating speed with lateral actuation1.4 m/sMax. switching frequency3 HzCam angle30 degExplosion prevention and protectionZone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX)Operating mediumOperation with oil lubrication possible (required for further use)Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressTemperature10 °C 60 °CAmbient temperatureInfluence of heat on wearActuating force35.2 NProduct weight204 gType of mountingWith through-hole	Reset method	Mechanical spring
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AnApplication noteRisk of pinchingSealing principleSoftMounting positionAnyType of controlDirectFlow directionReversibleSymbol00991353LapZero overlapMax. actuating speed with lateral actuation1.4 m/sMax. switching frequency3 HzCam angle30 degExplosion prevention and protectionZone 1 (ATEX) Zone 2 (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 medium-10 °C 60 °CNote on ambient temperature1.0 °C 60 °CNote on ambient temperature35.2 NProduct weight204 gType of mountingWith through-hole	Nominal width	6 mm
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LapZero overlapMax. actuating speed with lateral actuation1.4 m/sMax. switching frequency3 HzCam angle30 degExplosion prevention and protectionZone 1 (ATEX) Zone 2 (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 medium-10 °C 60 °CNote on ambient temperature1.0 °C 60 °CNote on ambient temperature35.2 NProduct weight204 gType of mountingWith through-hole	Flow direction	Reversible
Max. actuating speed with lateral actuation1.4 m/sMax. switching frequency3 HzCam angle30 degExplosion prevention and protectionZone 1 (ATEX) Zone 2 (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 medium-10 °C 60 °CNote on ambient temperatureInfluence of heat on wearActuating force35.2 NProduct weight204 gType of mountingWith through-hole	Symbol	00991353
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 force35.2 NProduct weight204 gType of mountingWith through-hole	Lap	Zero overlap
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 force35.2 NProduct weight204 gType of mountingWith through-hole	Max. actuating speed with lateral actuation	1.4 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 force35.2 NProduct weight204 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 force35.2 NProduct weight204 gType of mountingWith through-hole	Cam angle	30 deg
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Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CNote on ambient temperatureInfluence of heat on wearActuating force35.2 NProduct weight204 gType of mountingWith through-hole	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
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Actuating force35.2 NProduct weight204 gType of mountingWith through-hole	Ambient temperature	-10 °C 60 °C
Product weight 204 g Type of mounting With through-hole	Note on ambient temperature	Influence of heat on wear
Type of mounting With through-hole	Actuating force	35.2 N
	Product weight	204 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