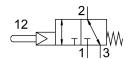
## Stem actuated valve VMEF-STC-M32-M-N14

Part number: 8031334







## **Data sheet**

tutation type Mechanical  20 mm  870 l/min  neumatic working port 1/4 NPT  perating pressure 0.35 MPa1 MPa 3.5 bar10 bar  tructural design Plate seat  sest method Mechanical spring  ominal width 6 mm  polication note Do not use as mechanical stop  saling principle Soft  tounting position Any  pre of control Plot-controlled  ilot air supply port Internal  tow direction Reversible  ap Zero overlap  ilot pressure MPa 0.35 MPa1 MPa 3.5 bar10 bar  10t pressure MPa 0.35 MPa1 MPa 3.5 bar10 bar  10t pressure pi 3.5 bar10 bar  10t pressure pi 3.75 bar10 bar  10t pressure pi 3.75 par145 psi  lax. switching frequency 3 Hz  2one 2 (ATEX)  Zone	Feature	Value
Andth 20 mm  tandard nominal flow rate 870 I/min  neumatic working port 1/4 NPT  perating pressure 3.5 bar10 bar  tructural design Plate seat  eset method Mechanical spring  ominal width 6 mm  pplication note Do not use as mechanical stop  ealing principle Soft  touting position Any  ype of control Pilot-controlled  ilot air supply port Internal  tow direction Reversible  ap Zero overlap  ilot pressure MPa 3.5 bar10 bar  ilitot pressure psi So.75 psi145 psi  lax. switching frequency 3 Hz  xplosion prevention and protection Zone 21 (ATEX)  Zone 22 (ATEX)  Zone 23 ASS (CRQ)  abs (CMC) CC60 °C  wombel at the mere atternal consideration  perperature of medium 1.0 °C60 °C  mbient temperature	Valve function	3/2, closed, monostable
tandard nominal flow rate neumatic working port perating pressure  0.35 MPa 1 MPa 3.5 bar10 bar  tructural design Plate seat  eset method Mechanical spring ominal width 6 mm  pplication note Do not use as mechanical stop  soft dounting position Any yee of control Pilot-controlled Iiot air supply port Internal Iow direction Reversible ap  Zero overlap Iiot pressure MPa Iiot pressure psi Iot pressure psi Iax. switching frequency xplosion prevention and protection  Zone 1 (ATEX) Zone 2 (ATEX) Zone resistance class (CRC) ABS (PWIS) conformity VDMA24364-B1/B2-L emperature of medium Internal Ion on Server on the processor of	Actuation type	Mechanical
neumatic working port  perating pressure  0.35 MPa1 MPa 3.5 bar10 bar  tructural design  peset method  Mechanical spring  ominal width  6 mm  pplication note  ponot use as mechanical stop  saling principle  Soft  founting position  Any  pre of control  prioritorion  Any  pre of control  prioritorion  Reversible  app  ilot pressure MPa  ilot pressure MPa  ilot pressure psi  lax. switching frequency  xplosion prevention and protection  xplosion prevention and protection  prerating medium  formation on operating and pilot media  or submitted  ABS (PWIS) conformity  with a submitted  10 %C60 %C  wind in the saling pressure in the media  1.4 NPT  1.3 MPa 3.5 bar10 bar  1.5 bar10 bar  1.6 VERN  2.5 par145 psi  3.6 bar10 the  3.7 par145 psi  3.8 par10 par  3.9 parating medium  Compressed air as per ISO 8573-1:2010 [7:]  operating medium  Operating medium  Operation with oil lubrication possible (required for further use)  orrosion resistance class (CRC)  2 - Moderate corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L  emperature of medium  1.0 °C60 °C  mbient temperature  -10 °C60 °C  -10 °C60 °C	Width	20 mm
perating pressure  3.5 bar10 bar  tructural design  eset method  mornial width  pilication note  ealing principle  soft  tounting position  Any  ype of control  illot air supply port  illot pressure MPa  illot pressure  illot pressure  3.5 bar10 bar  illot pressure  illot pressure  illot pressure  3.5 bar10 bar  illot pressure  illot pressure psi  illot pressure  illot pressure  illot pressure  illot pressure  illot pressure  illot pressure psi  illot pressure  illot pressure psi  illot pressure  ill	Standard nominal flow rate	870 l/min
3.5 bar10 bar tructural design Plate seat eset method Mechanical spring ominal width 6 mm  Do not use as mechanical stop ealing principle Soft  Jone of control Internal In	Pneumatic working port	1/4 NPT
Mechanical spring ominal width 6 mm  Do not use as mechanical stop  Soft  Identify position Any  Pilot-controlled Identify position Any  Pilot-controlled Identify position Any  Pilot-controlled Identify position Any  Pilot-controlled Identify position Reversible  Reversible  Reversible  Reversible  Reversible  Reversible  3.5 bar1 MPa  Identify position 3.5 bar10 bar  Identify position Identify position Any  Pilot-controlled Internal  Identify position	Operating pressure	
ominal width pplication note pplication note pplication note polication position Any preof control pilot-controlled pilot air supply port port polication polication prevention pressure MPa polication policat	Structural design	Plate seat
pplication note  aling principle  Soft  Jounting position  Any  Pilot-controlled  Journal  Jo	Reset method	Mechanical spring
sealing principle  lounting position  Any  Pilot-controlled  Pilot-controlled  Internal  Interna	Nominal width	6 mm
Any  ppe of control  pilot-controlled  litot air supply port  low direction  Reversible  ap  Zero overlap  illot pressure MPa  illot pressure sure  3.5 bar10 bar  illot pressure psi  lax. switching frequency  xplosion prevention and protection  Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Zone 32 (ATEX)	Application note	Do not use as mechanical stop
pye of control    Pilot-controlled	Sealing principle	Soft
Internal low direction Reversible  Zero overlap ilot pressure MPa ilot pressure MPa ilot pressure psi lax. switching frequency xplosion prevention and protection  Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) And and protection  prevating 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)  ABS (PWIS) conformity VDMA24364-B1/B2-L  emperature of medium -10 °C60 °C  mbient temperature -10 °C60 °C	Mounting position	Any
Reversible  Zero overlap  ilot pressure MPa  3.5 bar10 bar  ilot pressure psi  50.75 psi145 psi  lax. switching frequency  xplosion prevention and protection  Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX)  reperating 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)  Orrosion resistance class (CRC)  2 - Moderate corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L  emperature of medium  -10 °C60 °C  mbient temperature	Type of control	Pilot-controlled
Zero overlap  ilot pressure MPa  0.35 MPa1 MPa  3.5 bar10 bar  ilot pressure psi  50.75 psi145 psi  lax. switching frequency  3 Hz  xplosion prevention and protection  Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX)  reperating medium  Compressed air as per ISO 8573-1:2010 [7:]  offormation on operating and pilot media  Operation with oil lubrication possible (required for further use)  orrosion resistance class (CRC)  2 - Moderate corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L  emperature of medium  -10 °C60 °C  mbient temperature	Pilot air supply port	Internal
O.35 MPa1 MPa  illot pressure MPa  illot pressure psi  3.5 bar10 bar  50.75 psi145 psi  3ax. switching frequency  3 Hz  xplosion prevention and protection  Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX)  perating medium  Compressed air as per ISO 8573-1:2010 [7:-:-]  aformation on operating and pilot media  Operation with oil lubrication possible (required for further use)  orrosion resistance class (CRC)  2 - Moderate corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L  emperature of medium  -10 °C60 °C  mbient temperature  -10 °C60 °C	Flow direction	Reversible
ilot pressure  ilot pressure psi  50.75 psi145 psi  Axx. switching frequency  3 Hz  Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)  Perating 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)  Orrosion resistance class (CRC)  ABS (PWIS) conformity  VDMA24364-B1/B2-L  emperature of medium  -10 °C60 °C  mbient temperature  -10 °C60 °C	Lap	Zero overlap
Solution	Pilot pressure MPa	0.35 MPa1 MPa
Alax. switching frequency  xplosion prevention and protection  Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX)  perating 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) Orrosion resistance class (CRC)  2 - Moderate corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L  emperature of medium  -10 °C60 °C  mbient temperature  -10 °C60 °C	Pilot pressure	3.5 bar10 bar
zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)  Information on operating and pilot media Operation with oil lubrication possible (required for further use) Orrosion resistance class (CRC) 2 - Moderate corrosion stress  ABS (PWIS) conformity VDMA24364-B1/B2-L Emperature of medium -10 °C60 °C mbient temperature -10 °C60 °C	Pilot pressure psi	50.75 psi145 psi
Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)  perating medium  Compressed air as per ISO 8573-1:2010 [7:-:-]  formation on operating and pilot media  Operation with oil lubrication possible (required for further use)  orrosion resistance class (CRC)  2 - Moderate corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L  emperature of medium  -10 °C60 °C  mbient temperature  -10 °C60 °C	Max. switching frequency	3 Hz
orrosion resistance class (CRC)  ABS (PWIS) conformity  emperature of medium  -10 °C60 °C  mbient temperature	Explosion prevention and protection	Zone 2 (ATEX) Zone 21 (ATEX)
orrosion resistance class (CRC)  2 - Moderate corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L  emperature of medium  -10 °C60 °C  mbient temperature  -10 °C60 °C	Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-]
ABS (PWIS) conformity  VDMA24364-B1/B2-L  emperature of medium  -10 °C60 °C  mbient temperature  -10 °C60 °C	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
emperature of medium -10 °C60 °C  mbient temperature -10 °C60 °C	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
mbient temperature -10 °C60 °C	LABS (PWIS) conformity	•
'	Temperature of medium	-10 °C60 °C
	Ambient temperature	-10 °C60 °C
ctuating force 14 N	Actuating force	14 N

Feature	Value
Product weight	124 g
Type of mounting	With through-hole
Pilot air port 12/14	M5
Pneumatic connection 1	1/4 NPT
Pneumatic connection 2	1/4 NPT
Pneumatic connection 3	1/4 NPT
Note on materials	RoHS-compliant
Cover material	PA-reinforced
Seals material	NBR
Housing material	Wrought aluminum alloy, anodized