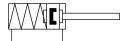
## **Stopper cylinder DFSP-16-10-F-PA** Part number: 576062







## **Data sheet**

iston diameter 16 mm  iston rod thread M3  iston rod thread M9  iston rod thread M9  iston rod protein M9  iston rod Profile barrel  iston rod end Internal thread M9  iston rod end M9  iston rod end Internal thread M9  iston rod End M9  iston rod Profile barrel  internal thread M9  iston rod End M9  iston rod Profile barrel  iston rod End M9  iston rod Profile barrel  internal thread M9  iston rod End M9  iston rod Profile barrel  iston rod Profile barrel  iston rod Profile barrel  internal thread M9  iston rod Profile barrel  iston rod Profile	Feature	Value
iston rod thread  ushioning  Elastic cushioning rings/pads at both ends  lounting position  Any  loude of operation  loude of operation  Politing  Piston Piston rod Profile barrel  osition sensing  For proximity sensor  linternal thread  Internal thread on piston rod  protection against torsion/guide  perating pressure  0.28 MPa1 MPa 2.8 bar10 bar  perating medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  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  mbient temperature  -10 °C80 °C  ermissible impact force on the advanced piston rod  880 N  ermissible impact force on the advanced piston rod  880 N  ermissible lateral force during switching operation  147 N  lax. cycle rate  Optionally: With through-hole With internal thread With accessories  neumatic connection  ote on materials  RoHS-compliant  High-alloy stainless steel  Wrought aluminum alloy	Stroke	10 mm
Elastic cushioning Elastic cushioning rings/pads at both ends dounting position Any Double-acting Pulling  tructural design Piston Piston rod Profile barrel osition sensing For proximity sensor liston rod end Internal thread ariants Internal thread on piston rod perating pressure 2.8 bar10 bar perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] orrosion resistance class (CRC) 2 - Moderate corrosion stress  ABS (PWIS) conformity VDMA2364-B1/B2-L mibient temperature -10°C80°C ermissible impact force on the advanced piston rod 880 N ermissible lateral force during switching operation 147 N lax. cycle rate 5 Hz Optionally: With through-hole with internal thread With accessories  neumatic connection M5 RoHS-compliant lingh-alloy stainless steel Wought aluminum alloy	Piston diameter	16 mm
tructural design  tructural design  piston Piston Piston od Profile barrel Porprofile barrel Porprofil	Piston rod thread	M3
Double-acting Pulling  tructural design  Piston Piston rod Profile barrel  For proximity sensor  Internal thread  Internal thread on piston rod Profile parrel  Round piston rod  Perating pressure  O.28 MPa1 MPa 2.8 bar10 bar  Perating medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Operation on operating and pilot media  Operation with oil lubrication possible (required for further use)  Ozams (PS) conformity  VDMA24364-B1/B2-L  mibient temperature  -10 °C80 °C  ermissible impact force on the advanced piston rod  880 N  ermissible lateral force during switching operation  147 N  lax. cycle rate  ype of mounting  Optionally: With through-hole With internal thread With accessories  neumatic connection  M5  RoHS-compliant  ligh-alloy stainless steel  Wrought aluminum alloy	Cushioning	Elastic cushioning rings/pads at both ends
Pulling  Piston Piston rod Profile barrel  osition sensing For proximity sensor  iston rod end Internal thread  ariants Internal thread on piston rod  perating pressure  O.28 MPa1 MPa 2.8 bar10 bar  perating medium Compressed air as per ISO 8573-1:2010 [7:4:4]  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 WDMA24364-B1/B2-L  mibient temperature  -10 °C80 °C  ermissible impact force on the advanced piston rod  880 N  ermissible lateral force during switching operation  147 N  lax. cycle rate 5 Hz  Optionally: With through-hole With internal thread With accessories  neumatic connection  M5  RoHS-compliant  lange screws material Wrought aluminum alloy	Mounting position	Any
Piston rod Profile barrel  position sensing For proximity sensor  Internal thread  Internal thread on piston rod  Round	Mode of operation	
Internal thread Internal thread Internal thread Internal thread on piston rod Round piston rod Round piston rod  Round piston rod  Round piston rod  D.28 MPa1 MPa 2.8 bar10 bar  Compressed air as per ISO 8573-1:2010 [7:4:4]  Information on operating and pilot media Operation with oil lubrication possible (required for further use)  Porrosion resistance class (CRC)  ABS (PWIS) conformity  WDMA24364-B1/B2-L  Indicate the perature  Indicate the perature  Permissible impact force on the advanced piston rod  Remissible lateral force during switching operation  Indicate the perature  Indicate the permissible impact force on the advanced piston rod  Remissible lateral force during switching operation  Indicate the permissible impact force on the advanced piston rod  Remissible lateral force during switching operation  Indicate the permissible impact force on the advanced piston rod  Remissible lateral force during switching operation  Indicate the permissible impact force on the advanced piston rod  Remissible lateral force during switching operation  Indicate the permissible impact force on the advanced piston rod  Remissible lateral force during switching operation  Indicate the permissible impact force on the advanced piston rod  Remissible lateral force during switching operation  Indicate the permissible impact force on the advanced piston rod  Remissible lateral force during switching operation  Indicate the permissible impact force on the advanced piston rod  Remissible lateral force during switching operation  Indicate the permissible impact force on the advanced piston rod  Remissible lateral force during switching operation  Indicate the permissible impact force on the advanced piston rod  Remissible lateral force during switching operation  Indicate the permissible impact force on the advanced piston rod  Remissible lateral force during switching operation  Indicate the permissible impact force on the advanced piston rod  Remissible lateral force during switching operation  Indicate the permissible im	Structural design	Piston rod
ariants Internal thread on piston rod rotection against torsion/guide Round piston rod  perating pressure 0.28 MPa1 MPa 2.8 bar10 bar  Compressed air as per ISO 8573-1:2010 [7:4:4]  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  mbient temperature -10 °C80 °C  ermissible impact force on the advanced piston rod 880 N  ermissible lateral force during switching operation 147 N  lax. cycle rate 5 Hz  ype of mounting Optionally: With through-hole With internal thread With accessories  neumatic connection M5  ote on materials RoHS-compliant  lange screws material Wrought aluminum alloy  Wrought aluminum alloy	Position sensing	For proximity sensor
rotection against torsion/guide  Perating pressure  O.28 MPa1 MPa 2.8 bar10 bar  Perating medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  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  Inhibitant temperature  -10 °C80 °C  ermissible impact force on the advanced piston rod  ermissible lateral force during switching operation  147 N  lax. cycle rate  ype of mounting  Optionally: With through-hole With internal thread With accessories  Ineumatic connection  M5  RoHS-compliant  High-alloy stainless steel  Wrought aluminum alloy	Piston rod end	Internal thread
perating pressure  0.28 MPa1 MPa 2.8 bar10 bar  perating medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  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  mbient temperature  -10 °C80 °C  ermissible impact force on the advanced piston rod  880 N  ermissible lateral force during switching operation  147 N  lax. cycle rate  ype of mounting  Optionally: with through-hole with internal thread with accessories  neumatic connection  M5  RoHS-compliant  High-alloy stainless steel  Wrought aluminum alloy	Variants	Internal thread on piston rod
2.8 bar10 bar  perating medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Information on operating and pilot media Operation with oil lubrication possible (required for further use) Operation resistance class (CRC)  2 - Moderate corrosion stress  ABS (PWIS) conformity VDMA24364-B1/B2-L  Indient temperature -10 °C80 °C  Indient temperature Indient force on the advanced piston rod Indient force during switching operation Indient temperature Indient force during switching operation Indient force during switching ope	Protection against torsion/guide	Round piston rod
Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil ubrication possible (required for further use) Operation vith oil ubrication stress Operation vith oil ubrication possible (required for further use) Operation vith oil ubrication possible (required for further use) Operation vith oil ubrication stress Operation vit	Operating pressure	
orrosion resistance class (CRC)  2 - Moderate corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L  mbient temperature  -10 °C80 °C  ermissible impact force on the advanced piston rod  880 N  ermissible lateral force during switching operation  147 N  lax. cycle rate  ype of mounting  Optionally: With through-hole With internal thread With accessories  neumatic connection  M5  ote on materials  ROHS-compliant  lange screws material  Wrought aluminum alloy	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
ABS (PWIS) conformity  WDMA24364-B1/B2-L  mbient temperature  -10 °C80 °C  ermissible impact force on the advanced piston rod  880 N  ermissible lateral force during switching operation  147 N  lax. cycle rate  5 Hz  /pe of mounting  Optionally: With through-hole With internal thread With accessories  neumatic connection  M5  ote on materials  RoHS-compliant  lange screws material  Wrought aluminum alloy	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
mbient temperature -10 °C80 °C ermissible impact force on the advanced piston rod 880 N ermissible lateral force during switching operation 147 N lax. cycle rate 5 Hz ype of mounting Optionally: With through-hole With internal thread With accessories neumatic connection M5 ote on materials RoHS-compliant lange screws material Wrought aluminum alloy	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
ermissible impact force on the advanced piston rod  880 N  147 N  lax. cycle rate  5 Hz  ype of mounting  Optionally: With through-hole With internal thread With accessories  neumatic connection  M5  ote on materials  RoHS-compliant  High-alloy stainless steel  over material  Wrought aluminum alloy	LABS (PWIS) conformity	VDMA24364-B1/B2-L
ermissible lateral force during switching operation  147 N  lax. cycle rate  7	Ambient temperature	-10 °C80 °C
lax. cycle rate  5 Hz  Optionally: With through-hole With internal thread With accessories  neumatic connection  M5  ote on materials  ange screws material  Wrought aluminum alloy	Permissible impact force on the advanced piston rod	880 N
Optionally: With through-hole With internal thread With accessories  neumatic connection M5 ote on materials RoHS-compliant lange screws material High-alloy stainless steel over material Wrought aluminum alloy	Permissible lateral force during switching operation	147 N
With through-hole With internal thread With accessories  neumatic connection M5 ote on materials ROHS-compliant lange screws material High-alloy stainless steel over material Wrought aluminum alloy	Max. cycle rate	5 Hz
ote on materials  RoHS-compliant  lange screws material  High-alloy stainless steel  Wrought aluminum alloy	Type of mounting	With through-hole With internal thread
ange screws material High-alloy stainless steel over material Wrought aluminum alloy	Pneumatic connection	M5
over material Wrought aluminum alloy	Note on materials	RoHS-compliant
	Flange screws material	High-alloy stainless steel
	Cover material	
eals material TPE-U(PU)	Seals material	TPE-U(PU)

Feature	Value
Piston rod material	High-alloy stainless steel
Roller material	Steel, galvanized
	Wrought aluminum alloy Smooth anodized