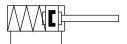
Stopper cylinder DFSP-20-15-F-PA Part number: 576082







General operating condition

Data sheet

iston diameter 20 mm iston rot thread M3 Lastic cushioning Elastic cushioning rings/pads at both ends lounting position Any lode of operation Double-acting Pulling tructural design Piston rod Profile barrel osition sensing For proximity sensor iston rod end Internal thread osition rod end Internal thread ordection against torsion/guide Round piston rod perating pressure 0.16 MPa 1 MPa perating pressure 1.6 bar 10 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 VDMA2/4364-B1/B2-L mibient temperature 1:0 °C 80 °C ermissible impact force on the advanced piston rod 1370 N ermissible lateral force during switching operation 228 N lax. cycle rate 5 Hz operatical MPS compliant Steel, galvanized over materials RoHS-compliant Steel, galvanized over material Wrought aluminum alloy Anodized also moderated High-alloy stainless steel	Feature	Value
iston rod thread ushioning Elastic cushioning rings/pads at both ends lounting position Any lode of operation Double-acting Pulling Piston Piston rod Profile barrel ossition sensing For proximity sensor linternal thread Internal thread Internal thread on piston rod Profile barrel ospection against torsion/guide Round piston rod Perating pressure O.16 MPa 1 MPa perating pressure 1.6 bar 10 bar perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] formation on operating and pilot media Operation with oil tubrication possible (required for further use) orrosion resistance class (CRC) 2 - Moderate corrosion stress ABS (PWIS) conformity VOMA24364-B1/B2-L mbient temperature -1.0 °C 80 °C ermissible impact force on the advanced piston rod 1370 N ermissible lateral force during switching operation lax. cycle rate Very of mounting Optionally: With through-hole With internal thread With accessories neumatic connection one on materials ARS (PSC sompliant Steel, galvanized Over material Wrought aluminum alloy Anodized eals material High-alloy stainless steel	Stroke	15 mm
ushioning Elastic cushioning rings/pads at both ends lounting position Any lode of operation Double-acting Pulling tructural design Piston rod Piston Piston rod Pist	Piston diameter	20 mm
Any Double-acting Pulling Piston Piston Piston rod Profile barrel Piston rod Profile barrel Pulling Piston rod Profile barrel Pulling Piston rod Profile barrel Pulling Piston rod Pulling Piston rod Pulling Piston rod Pulling Pulling Piston rod Piston rod Pulling Pulling Pulling Pulling Piston rod Piston rod Pulling P	Piston rod thread	M3
Double-acting Pulling tructural design Piston Piston rod Profile barrel Por proximity sensor Internal thread ymbol O0995272 ariants Internal thread on piston rod Profile parsure O.16 MPa 1 MPa perating pressure O.16 MPa 1 MPa perating pressure 1.6 bar 10 bar 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) Orrosion resistance class (CRC) 2 - Moderate corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L mibient temperature -10 °C 80 °C ermissible impact force on the advanced piston rod 1370 N ermissible lateral force during switching operation 228 N lax. cycle rate ype of mounting With through-hole With internal thread With accessories neumatic connection M5 ote on materials RoHS-compliant Steel, galvanized over material Wrought aluminum alloy Annotized eals material High-alloy stainless steel	Cushioning	Elastic cushioning rings/pads at both ends
tructural design Piston rod Profile barrel Piston rod Profile barrel Profile barr	Mounting position	Any
Piston rod Profile barrel osition sensing For proximity sensor iston rod end Internal thread ymbol O0995272 ariants Internal thread on piston rod rotection against torsion/guide Round piston rod perating pressure O16 MPa 1 MPa perating pressure 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 mbient temperature 10 °C 80 °C ermissible impact force on the advanced piston rod 1370 N ermissible lateral force during switching operation 228 N lax. cycle rate ype of mounting With intrough-hole With internal thread With accessories neumatic connection M5 ote on materials ROHS-compliant Steel, galvanized over material Wrought aluminum alloy Annodized eals material TPE-U(PU) iston rod materials	Mode of operation	
internal thread ymbol 00995272 ariants Internal thread on piston rod rotection against torsion/guide Round piston rod perating pressure 0.16 MPa 1 MPa perating pressure 1.6 bar 10 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 WDMA24364-B1/B2-L mbient temperature -10 °C 80 °C ermissible impact force on the advanced piston rod 1370 N ermissible lateral force during switching operation 228 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 Steel, galvanized over material High-alloy stainless steel	Structural design	Piston rod
ariants Internal thread on piston rod rotection against torsion/guide Round piston rod rotection against torsion/guide Round piston rod perating pressure 0.16 MPa 1 MPa perating pressure 1.6 bar 10 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 mbient temperature 10° C 80° C ermissible impact force on the advanced piston rod 1370 N ermissible lateral force during switching operation 228 N lax. cycle rate 5 Hz Upe of mounting Optionally: With through-hole With internal thread With accessories meumatic connection M5 ote on materials RoHS-compliant lange screws material Steel, galvanized over material Mrough-alloy stainless steel High-alloy stainless steel	Position sensing	For proximity sensor
ariants Internal thread on piston rod rotection against torsion/guide Round piston rod perating pressure 0.16 MPa 1 MPa perating pressure 1.6 bar 10 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 Imbient temperature -10 °C 80 °C	Piston rod end	Internal thread
rotection against torsion/guide perating pressure 0.16 MPa 1 MPa 1.6 bar 10 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 WDMA24364-B1/B2-L mbient temperature -10 °C 80 °C ermissible impact force on the advanced piston rod 1370 N lax. cycle rate ype of mounting ype of mounting with through-hole With internal thread With accessories neumatic connection ote on materials lange screws material Steel, galvanized over material TPE-U(PU) iston rod materials Iston so in the service in the advances of the service is a simple steel Internal thread With accessories TPE-U(PU) High-alloy stainless steel	Symbol	00995272
perating pressure perating pressure perating pressure perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Compressed air as per ISO 8573-1:2010 [7:4:4	Variants	Internal thread on piston rod
perating pressure 1.6 bar 10 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) Operation resistance class (CRC) 2 - Moderate corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L Indianate temperature Indianate	Protection against torsion/guide	Round piston rod
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 °C 80 °C ermissible impact force on the advanced piston rod 1370 N ermissible lateral force during switching operation 228 N lax. cycle rate ype of mounting With through-hole With internal thread With accessories neumatic connection M5 RoHS-compliant lange screws material Steel, galvanized over material Wrought aluminum alloy Anodized eals material High-alloy stainless steel	Operating pressure	0.16 MPa 1 MPa
ABS (PWIS) conformity ABS (PWIS) conformity WDMA24364-B1/B2-L To °C 80 °C To combine temperature To combine temperatu	Operating pressure	1.6 bar 10 bar
ABS (PWIS) conformity ABS (PWIS) conformity WDMA24364-B1/B2-L mbient temperature -10 °C 80 °C ermissible impact force on the advanced piston rod 1370 N ermissible lateral force during switching operation 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 Oyen all with accessories Wrought aluminum alloy Anodized eals material TPE-U(PU) iston rod materiales steel	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
ABS (PWIS) conformity with through-hole with internal thread with accessories neumatic connection ote on materials lange screws material over material eals material over material ABS (PWIS) conformity with A24364-B1/B2-L -10 °C 80 °C 1370 N 228 N 228 N Optionally: with through-hole with internal thread with accessories ROHS-compliant Steel, galvanized over material Wrought aluminum alloy Anodized eals material TPE-U(PU) iston rod materials steel	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
mbient temperature ermissible impact force on the advanced piston rod 1370 N ermissible lateral force during switching operation 228 N lax. cycle rate 5 Hz ype of mounting Optionally: With through-hole With internal thread With accessories neumatic connection M5 RoHS-compliant lange screws material Steel, galvanized over material Wrought aluminum alloy Anodized eals material TPE-U(PU) iston rod materials steel High-alloy stainless steel	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
ermissible impact force on the advanced piston rod ermissible lateral force during switching operation 228 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 Steel, galvanized over material Wrought aluminum alloy Anodized eals material High-alloy stainless steel	LABS (PWIS) conformity	VDMA24364-B1/B2-L
ermissible lateral force during switching operation 228 N Jax. cycle rate 5 Hz Optionally: With through-hole With internal thread With accessories neumatic connection M5 ote on materials RoHS-compliant Jange screws material Over material Wrought aluminum alloy Anodized eals material TPE-U(PU) iston rod materials ### Alloy stainless steel ### Alloy stainless steel	Ambient temperature	-10 °C 80 °C
Alax. cycle rate 5 Hz Optionally: With through-hole With internal thread With accessories neumatic connection M5 ote on materials lange screws material Steel, galvanized over material Wrought aluminum alloy Anodized eals material TPE-U(PU) iston rod material High-alloy stainless steel	Permissible impact force on the advanced piston rod	1370 N
ype of mounting Optionally: With through-hole With internal thread With accessories neumatic connection M5 ote on materials RoHS-compliant lange screws material Steel, galvanized over material Wrought aluminum alloy Anodized eals material TPE-U(PU) iston rod material High-alloy stainless steel	Permissible lateral force during switching operation	228 N
With through-hole With internal thread With accessories neumatic connection M5 ote on materials RoHS-compliant lange screws material Steel, galvanized over material Wrought aluminum alloy Anodized eals material TPE-U(PU) iston rod material High-alloy stainless steel	Max. cycle rate	5 Hz
ote on materials Iange screws material Over material Wrought aluminum alloy Anodized eals material TPE-U(PU) iston rod material High-alloy stainless steel	Type of mounting	With through-hole With internal thread
lange screws material over material wrought aluminum alloy Anodized eals material TPE-U(PU) iston rod material High-alloy stainless steel	Pneumatic connection	M5
over material Wrought aluminum alloy Anodized eals material TPE-U(PU) iston rod material High-alloy stainless steel	Note on materials	RoHS-compliant
Anodized eals material TPE-U(PU) iston rod material High-alloy stainless steel	Flange screws material	Steel, galvanized
iston rod material High-alloy stainless steel	Cover material	
	Seals material	TPE-U(PU)
	Piston rod material	High-alloy stainless steel
oller material Steel, galvanized	Roller material	Steel, galvanized

Feature	Value
Material of cylinder barrel	Wrought aluminum alloy Smooth anodized