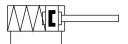
Stopper cylinder DFSP-16-15-F-PA Part number: 576063







General operating condition

Data sheet

iston diameter iston of thread M3 Elastic cushioning fings/pads at both ends tounting position Any tode of operation Double-acting Pulling Piston 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 Q.28 MPa 1 MPa perating pressure Q.28 MPa 1 MPa 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) orosoion resistance class (CRC) ABS (PWIS) conformity VDMA24964-B1/B2-L mbient temperature In of C 80 °C ermissible impact force on the advanced piston rod Back, cycle rate Shiz ype of mounting With through-hole with internal thread With accessories neumatic connection M5 Tote on materials RoHS-compliant High-alloy stainless steel Over material Wrought aluminum alloy Annotized Annotized Annotized TPE-U(PU)	Feature	Value
iston rod thread ushioning Elastic cushioning rings/pads at both ends founting position Any Double-acting Pulling Piston Piston rod Profile barrel Por proximity sensor Internal thread Overprosition gainst torsion/guide Poperating pressure Oza MPa 1 MPa Deperating pressure Deperating pressure Deperating medium Compressed air as per ISO 8573-1:2010 [7:44] Orrion or poperating and pilot media Orrosion resistance class (CRC) Deperating more sure Demonstrating or proximity or proximity or proximity or proximity Demonstrating or proximity or proxi	Stroke	15 mm
ushioning Elastic cushioning rings/pads at both ends founting position Any Double-acting Pulling tructural design Piston rod Profile barrel osition sensing For proximity sensor Internal thread Oopp95272 ariants Internal thread on piston rod perating pressure Quality perating pressure Quality perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Ordinariant on operating and pilot media Orosion resistance class (CRC) Quality Compressed air as per ISO 8573-1:2010 [7:4:4] Orosion resistance class (CRC) Quality Compressed air as per ISO 8573-1:2010 [7:4:4] Orosion resistance class (CRC) Quality Compressed air as per ISO 8573-1:2010 [7:4:4] Orosion resistance class (CRC) Quality Compressed air as per ISO 8573-1:2010 [7:4:4] Orosion resistance class (CRC) Quality Compressed air as per ISO 8573-1:2010 [7:4:4] Orosion resistance class (CRC) Quality Compressed air as per ISO 8573-1:2010 [7:4:4] Orosion resistance class (CRC) Quality Compressed air as per ISO 8573-1:2010 [7:4:4] Orosion resistance class (CRC) Quality Compressed air as per ISO 8573-1:2010 [7:4:4] Orosion resistance class (CRC) Quality Compressed air as per ISO 8573-1:2010 [7:4:4] Orosion resistance class (CRC) Quality Compressed air as per ISO 8573-1:2010 [7:4:4] Orosion resistance class (CRC) Quality Compressed air as per ISO 8573-1:2010 [7:4:4] Orosion with oil lubrication possible (required for further use) Orosion resistance class (CRC) Quality Compressed air as per ISO 8573-1:2010 [7:4:4] Orosion with oil lubrication possible (required for further use) Orosion resistance class (CRC) Quality Compressed air as per ISO 8573-1:2010 [7:4:4] Orosion with oil lubrication possible (required for further use) Orosion resistance class (CRC) Quality Compressed air as per ISO 8573-1:2010 [7:4:4] Orosion with oil lubrication possible (required for further use) Orosion resistance class (CRC) Quality Compressed air as per ISO 8573-1:2010 [7:4:4] Orosion with oil lubrication possible (required for further use) Orosion resistance class (CRC) Quality Compression	Piston diameter	16 mm
Nounting position Any Double-acting Pulling tructural design Piston Piston on Piston rod Profile barrel For proximity sensor iston rod end Internal thread ymbol 00995272 ariants Internal thread on piston rod rotection against torsion/guide Round piston rod Round piston rod 2.8 MPa 1 MPa perating pressure 0.28 MPa 1 MPa perating medium Compressed air as per ISO 8573 1:2010 [7:4:4] profirmation 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 1.0 °C 80 °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 With internal thread with accessories neumatic connection M5 RoHS-compliant High-alloy stainless steel Wrought aluminum alloy Annodized Annodized eals material TPE-U(PU)	Piston rod thread	M3
tructural design Piston Piston rod Profile barrel sosition sensing For proximity sensor iston rod end Internal thread ymbol O0995272 ariants Internal thread on piston rod Profile barrel Protection against torsion/guide Round piston rod Profile parting pressure O.28 MPa 1 MPa 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 Tol °C 80 °C ermissible lateral force on the advanced piston rod 880 N ermissible lateral force during switching operation 147 N fax. cycle rate ype of mounting With through-hole With internal thread With accessories neumatic connection M5 RoHS-compliant High-alloy stainless steel Worught aluminum alloy Anodized Anodized Anodized PEU(PU)	Cushioning	Elastic cushioning rings/pads at both ends
tructural design Piston rod Profile barrel For proximity sensor iston rod end ymbol o0995272 ariants Internal thread ymbol orection against torsion/guide perating pressure perating pressure perating medium formation on operating and pilot media oprosion roesistance class (CRC) ABS (PWIS) conformity with acceptable impact force on the advanced piston rod 880 N ermissible lateral force during switching operation flax. cycle rate ype of mounting with internal thread with accessories neumatic connection M5 RoHS-compliant High-aloy stainless steel wore material Wrought aluminum alloy Anodized Anodized Anodized Postimity Sensor Presuments Presuments Piston rod Profile barrel Presuments Internal thread with accessories Publication Postiments Postiment	Mounting position	Any
Piston rod Profile barrel osition sensing For proximity sensor iston rod end Internal thread ymbol 00995272 ariants Internal thread on piston rod rotection against torsion/guide Round piston rod perating pressure 0.28 MPa 1 MPa perating pressure 2.8 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 mibient temperature -10 °C 80 °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 one on materials Rolfs-compliant lange screws material Mischael Barbalous and profile	Mode of operation	
Internal thread ymbol 00995272 ariants Internal thread on piston rod rotection against torsion/guide Round piston rod perating pressure 0.28 MPa 1 MPa 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 °C 80 °C ermissible impact force on the advanced piston rod 880 N ermissible lateral force during switching operation 147 N Max. cycle rate 5 Hz ype of mounting Optionally: with through-hole With internal thread With accessories neumatic connection M5 RoHS-compliant lange screws material High-alloy stainless steel Wrought aluminum alloy Anodized eals material TPE-U(PU)	Structural design	Piston rod
ymbol 00995272 ariants Internal thread on piston rod rotection against torsion/guide Round piston rod perating pressure 0.28 MPa 1 MPa perating pressure 2.8 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) porrosion resistance class (CRC) 2 · Moderate corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L Indicate the major of the advanced piston rod 880 N Indicate the major of the advanced piston rod 880 N Indicate the major of the advanced piston rod 900 peration 147 N Indicate the major of the mounting witching operation 147 N Indicate the mounting With through-hole With internal thread With accessories Indicate the major of t	Position sensing	For proximity sensor
ariants Internal thread on piston rod rotection against torsion/guide Round piston rod reperating pressure 0.28 MPa 1 MPa reperating pressure 2.8 bar 10 bar reperating medium Compressed air as per ISO 8573-1:2010 [7:4:4] reformation on operating and pilot media Operation with oil lubrication possible (required for further use) rorosion resistance class (CRC) 2 - Moderate corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L mbient temperature -10 °C 80 °C remissible impact force on the advanced piston rod 880 N remissible lateral force during switching operation 147 N flax. cycle rate 5 Hz ype of mounting Vpe of mounting With through-hole With internal thread With accessories neumatic connection M5 reperating pressure 0.28 March 2 180 °C Remissible lateral force during switching operation 147 N RoHS-compliant High-alloy stainless steel over material Wrought aluminum alloy Anodized eals material TPE-U(PU)	Piston rod end	Internal thread
rotection against torsion/guide preating pressure 0.28 MPa 1 MPa 2.8 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 ermissible impact force on the advanced piston rod Baso N Idax. cycle rate ype of mounting Optionally: With through-hole With internal thread With accessories Ineumatic connection M5 RoHS-compliant Idage screws material Wrought aluminum alloy Anodized PEE-U(PU)	Symbol	00995272
perating pressure 2.8 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 ermissible impact force on the advanced piston rod 880 N ermissible lateral force during switching operation 147 N Itax. cycle rate ype of mounting Optionally: With through-hole With internal thread With accessories Ineumatic connection M5 RoHS-compliant Ingel screws material Wrought aluminum alloy Anodized eals material TPE-U(PU)	Variants	Internal thread on piston rod
perating pressure 2.8 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 Inhibient temperature -10 °C 80 °C ermissible impact force on the advanced piston rod 880 N ermissible lateral force during switching operation 147 N Interval operation and through hole with internal thread with accessories Interval thr	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) Operation 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 880 N ermissible lateral force during switching operation 147 N flax. cycle rate ype of mounting VDIONALLY With through-hole With internal thread With accessories neumatic connection M5 fote on materials ROHS-compliant lange screws material Wrought aluminum alloy Anodized eals material TPE-U(PU)	Operating pressure	0.28 MPa 1 MPa
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 880 N ermissible lateral force during switching operation Aax. cycle rate ype of mounting with through-hole With internal thread With accessories neumatic connection M5 RoHS-compliant lange screws material Wrought aluminum alloy Anodized eals material Departion with oil lubrication possible (required for further use) 2 - Moderate corrosion stress 480 N 880 N 147 N Optionally: With through-hole With internal thread With accessories RoHS-compliant High-alloy stainless steel Wrought aluminum alloy Anodized eals material TPE-U(PU)	Operating pressure	2.8 bar 10 bar
and the process of the advanced piston rod and the process of the process of the advanced piston rod and the process of the pro	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
ABS (PWIS) conformity which temperature -10 °C 80 °C ermissible impact force on the advanced piston rod 880 N ermissible lateral force during switching operation 147 N flax. cycle rate 5 Hz Optionally: With through-hole With internal thread With accessories neumatic connection M5 fote on materials lange screws material lange screws material Wrought aluminum alloy Anodized eals material TPE-U(PU)	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 880 N 147 N Max. cycle rate 5 Hz Upe of mounting With through-hole With internal thread With accessories neumatic connection M5 Tote on materials lange screws material Wrought aluminum alloy Anodized eals material TPE-U(PU)	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
ermissible impact force on the advanced piston rod ermissible lateral force during switching operation flax. cycle rate ype of mounting ype of mounting With through-hole With internal thread With accessories neumatic connection M5 tote on materials lange screws material lange screws material wrought aluminum alloy Anodized eals material TPE-U(PU)	LABS (PWIS) conformity	VDMA24364-B1/B2-L
ermissible lateral force during switching operation 147 N Axx. cycle rate 5 Hz Optionally: With through-hole With internal thread With accessories neumatic connection M5 Note on materials lange screws material Optionally: With through-hole With internal thread With accessories ROHS-compliant High-alloy stainless steel Over material Wrought aluminum alloy Anodized eals material TPE-U(PU)	Ambient temperature	-10 °C 80 °C
Asx. cycle rate 5 Hz Optionally: With through-hole With internal thread With accessories neumatic connection M5 lote on materials RoHS-compliant lange screws material High-alloy stainless steel over material Wrought aluminum alloy Anodized eals material TPE-U(PU)	Permissible impact force on the advanced piston rod	880 N
ype of mounting 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 Anodized eals material TPE-U(PU)	Permissible lateral force during switching operation	147 N
With through-hole With internal thread With accessories neumatic connection M5 Note on materials RoHS-compliant lange screws material High-alloy stainless steel over material Wrought aluminum alloy Anodized eals material TPE-U(PU)	Max. cycle rate	5 Hz
lote on materials RoHS-compliant High-alloy stainless steel over material Wrought aluminum alloy Anodized eals material TPE-U(PU)	Type of mounting	With through-hole With internal thread
lange screws material High-alloy stainless steel over material Wrought aluminum alloy Anodized eals material TPE-U(PU)	Pneumatic connection	M5
over material Wrought aluminum alloy Anodized eals material TPE-U(PU)	Note on materials	RoHS-compliant
Anodized eals material TPE-U(PU)	Flange screws material	High-alloy stainless steel
	Cover material	
iston rod material High-alloy stainless steel	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