Stopper cylinder DFSP-Q-16-10-PR-PAPart number: 576070







Data sheet

Diston diameter Diston diameter Distoning Elastic cushioning rings/pads at both ends Any Mode of operation Distoned Distoned Distoned Distoned Pulling Pistoned Position sensing Porticetion against torsion/guide Distoned Departing pressure Distoned Distoned Distoned Distoned Distoned Pistoned Distoned D	Feature	Value
Elastic cushioning rings/pads at both ends Mounting position Any Mode of operation Single-acting Pulling Piston Piston rod with roller Profile barrel Anti-twist feature Position sensing For proximity sensor Piston rod secured against twisting Portection against torsion/guide Piperating pressure Operating pressure Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Operating medium Operating on operating and pilot media Operation vith oil lubrication possible (required for further use) Operating the sensor of the advanced piston rod Operating force on the advanced piston rod Operating force on the advanced piston rod Operating force on the advanced piston rod Operating with rinterplature Operating switching operation Operating with rinterplature Operating switching operation Operating with rinterplature Operating switching operation Operating with rinterplature Operating with rinterplature Optionally: With through-hole With internal thread With accessories Operating was a both of the service of the ser	Stroke	10 mm
Mounting position Mode of operation Single-acting Pulling Piston Piston rod with roller Profile barrel Anti-twist feature Position sensing For proximity sensor Piston rod secured against twisting Pieton against torsion/guide Piston against torsion/guide Flattened piston rod Operating pressure Operating pressure Operating pressure Operating 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) Operating resistance class (CRC) Operation with oil lubrication possible (required for further use) Operation temperature Operation on operating and pilot media Operation with oil lubrication possible (required for further use) Operation viting temperature 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 viting temperature 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) Operating medium Operation with oil lubrication possible (required for further use) Operating medium Operation with oil lubrication possible (required for further use) Operating medium Operation with oil lubrication possible (required for further use) Operating medium Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operating medium 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 posi	Piston diameter	16 mm
Single-acting Pulling Structural design Structural design Piston Piston rod with roller Profile barrel Anti-twist feature Position sensing Proton rod secured against twisting Protection against torsion/guide Pretection against twisting P	Cushioning	Elastic cushioning rings/pads at both ends
Pulling Piston Piston rod with roller Profile barrel Anti-twist feature Position sensing For proximity sensor Piston rod secured against twisting Piston rod Poperating pressure 0.28 MPa1 MPa 2.8 bar10 bar 0.29 erating medium 0.29 erating	Mounting position	Any
Piston rod with roller Profile barrel Anti-twist feature Position sensing For proximity sensor Variants Piston rod secured against twisting Protection against torsion/guide Plattened piston rod Operating pressure Operating pressure Operating medium Operating medium Operating medium Operating and pilot media Operation with oil lubrication possible (required for further use) Operation resistance class (CRC) 2 - Moderate corrosion stress OMASS (PWIS) conformity VDMA24364-B1/B2-L Ambient temperature -10 °C80 °C Permissible impact force on the advanced piston rod Permissible lateral force during switching operation 127 N Max. cycle rate S + Hz Operating mounting Optionally: With through-hole With internal thread With accessories Peneumatic connection M5 Rote on materials RoHS-compliant High-alloy stainless steel Over material Wrought aluminum alloy Anodized FE-U(PU)	Mode of operation	
Protection against torsion/guide Protection against torsion with old Protection against torsion/guide Protection against torsion against torsion of Protection against torsion/guide Protection against torsion against torsion of Protection against torsion against torsion of Protection against torsion against torsion of Protection protection of Protection against torsion Protection against tor	Structural design	Piston rod with roller Profile barrel
Protection against torsion/guide Departing pressure Departing medium Compressed air as per ISO 8573-1:2010 [7:4:4] Departing medium Compressed air as per ISO 8573-1:2010 [7:4:4] Departing medium Departin	Position sensing	For proximity sensor
Operating pressure Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium 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 Ambient temperature -10 °C80 °C Operatissible impact force on the advanced piston rod Operatissible lateral force during switching operation 127 N Max. cycle rate Type of mounting Optionally: With through-hole With internal thread With accessories Option materials RoHS-compliant High-alloy stainless steel Over material Operating medium Operation with oil lubrication possible (required for further use) Optionaltress Optionaltr	Variants	Piston rod secured against twisting
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) Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Ambient temperature -10 °C80 °C Permissible impact force on the advanced piston rod Permissible lateral force during switching operation 127 N Max. cycle rate 5 Hz Type of mounting With through-hole With internal thread With accessories Peneumatic connection M5 Note on materials RoHS-compliant High-alloy stainless steel Ever material Wrought aluminum alloy Anodized FPE-U(PU)	Protection against torsion/guide	Flattened piston rod
nformation on operating and pilot media Operation with oil lubrication possible (required for further use) 2 - Moderate corrosion stress VDMA24364-B1/B2-L Ambient temperature -10 °C80 °C Permissible impact force on the advanced piston rod Permissible lateral force during switching operation Max. cycle rate Type of mounting Optionally: With through-hole With internal thread With accessories Pheumatic connection M5 RoHS-compliant Flange screws material Cover material Wrought aluminum alloy Anodized Feel of the discussion of the further use) Operation with oil lubrication possible (required for further use) 2 - Moderate corrosion stress VDMA24364-B1/B2-L -10 °C80 °C -710 N -7	Operating pressure	
Corrosion resistance class (CRC) 2 - Moderate corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L Ambient temperature -10 °C80 °C Permissible impact force on the advanced piston rod 710 N Permissible lateral force during switching operation 127 N Max. cycle rate 5 Hz Type of mounting Optionally: With through-hole With internal thread With accessories Poeumatic connection M5 Note on materials RoHS-compliant High-alloy stainless steel Cover material Wrought aluminum alloy Anodized Seals material TPE-U(PU)	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
ABS (PWIS) conformity VDMA24364-B1/B2-L Ambient temperature -10 °C80 °C Permissible impact force on the advanced piston rod 710 N Permissible lateral force during switching operation Max. cycle rate 5 Hz Type of mounting Optionally: With through-hole With internal thread With accessories Peneumatic connection M5 Note on materials RoHS-compliant High-alloy stainless steel Cover material Wrought aluminum alloy Anodized Feals material TPE-U(PU)	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Ambient temperature -10 °C80 °C Permissible impact force on the advanced piston rod 710 N Permissible lateral force during switching operation Max. cycle rate 5 Hz Type of mounting Optionally: With through-hole With internal thread With accessories Peneumatic connection M5 Note on materials RoHS-compliant Flange screws material High-alloy stainless steel Wrought aluminum alloy Anodized Feals material TPE-U(PU)	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Permissible impact force on the advanced piston rod 710 N Permissible lateral force during switching operation Max. cycle rate 5 Hz Type of mounting With through-hole With internal thread With accessories Pneumatic connection M5 Note on materials Flange screws material Flange screws material Cover material Wrought aluminum alloy Anodized Fleals material TPE-U(PU)	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Permissible lateral force during switching operation Max. cycle rate 5 Hz Type of mounting Optionally: With through-hole With internal thread With accessories Pneumatic connection M5 Note on materials Flange screws material Flange screws material Cover material Wrought aluminum alloy Anodized Fleals material TPE-U(PU)	Ambient temperature	-10 °C80 °C
Max. cycle rate Type of mounting Optionally: With through-hole With internal thread With accessories Pneumatic connection M5 Note on materials RoHS-compliant Flange screws material High-alloy stainless steel Cover material Wrought aluminum alloy Anodized Feals material TPE-U(PU)	Permissible impact force on the advanced piston rod	710 N
Figure of mounting Optionally: With through-hole With internal thread With accessories Pneumatic connection M5 Note on materials Flange screws material Flange screws material Flower material Wrought aluminum alloy Anodized Flande Seals material TPE-U(PU)	Permissible lateral force during switching operation	127 N
With through-hole With internal thread With accessories Pneumatic connection M5 Note on materials RoHS-compliant Flange screws material High-alloy stainless steel Cover material Wrought aluminum alloy Anodized Fleals material TPE-U(PU)	Max. cycle rate	5 Hz
Note on materials RoHS-compliant Flange screws material High-alloy stainless steel Wrought aluminum alloy Anodized Flange material TPE-U(PU)	Type of mounting	With through-hole With internal thread
Flange screws material High-alloy stainless steel Cover material Wrought aluminum alloy Anodized Feals material TPE-U(PU)	Pneumatic connection	M5
Cover material Wrought aluminum alloy Anodized Seals material TPE-U(PU)	Note on materials	RoHS-compliant
Anodized Seals material TPE-U(PU)	Flange screws material	High-alloy stainless steel
· · ·	Cover material	
Piston rod material High-alloy stainless steel	Seals material	TPE-U(PU)
	Piston rod material	High-alloy stainless steel

Feature	Value
Roller material	Steel, galvanized
	Wrought aluminum alloy Smooth anodized