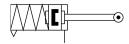
Stopper cylinder DFSP-Q-50-30-PR-PA Part number: 576167







Data sheet

So mm Elastic cushioning rings/pads at both ends Any Mode of operation Single-acting Pulling Pulling Piston rod with roller Profile barrel Anti-twist feature Prosition sensing For proximity sensor Protection against torsion/guide Flattened piston rod Operating pressure 1.2 bar 10 bar Operating 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 Wombient temperature -10 °C80 °C Permissible lateral force during switching operation 1250 N Abax. cycle rate 5 Hz Operation on atterials RoHS-compliant Steel, galvanized Wrought aluminum alloy Anodized TPE-U(PU)	Feature	Value
Elastic cushioning rings/pads at both ends Any Any Any Any Single-acting Pulling Piston Piston rod with roller Profile barrel Anti-twist feature Position sensing For proximity sensor Piston rod secured against twisting Protection against torsion/guide Prettened piston rod Prettened piston rod Operating pressure O12 MPa1 MPa 1.2 bar10 bar Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating nedium 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) ABS (PWIS) conformity VDMA24364-81/B2-1 Anbient temperature -10 °C80 °C Permissible impact force on the advanced piston rod 5000 N Permissible lateral force during switching operation 1250 N Aax. cycle rate ype of mounting With internal thread with accessories Premutatic connection G1/8 ADIS (PWIS) Compliant Steel, galvanized Wrought aluminum alloy Anodized Pre-U(PU)	Stroke	30 mm
Any Mode of operation Any Single-acting Pulling Piston Piston rod with roller Profile barrel Anti-twist feature Profile barrel Anti-twist feature Profile barrel Anti-twist feature Position sensing For proximity sensor Piston rod secured against twisting Flattened piston rod Operating pressure O.12 MPa1 MPa 1.2 bar10 bar 1.2 bar.	Piston diameter	50 mm
Single-acting Pulling Piston Piston rod with roller Profile barrel Anti-twist feature Position sensing Piston rod secured against twisting Piston rod	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 Piston pi	Mounting position	Any
Piston rod with roller Profile barrel Anti-twist feature Profile barrel Anti-twist feature Anti-twist feature Profile barrel Anti-twist feature Profile b	Mode of operation	
Piston rod secured against twisting Protection against torsion/guide Poperating 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 Operating and pilot media Operation with oil lubrication possible (required for further use) Operation resistance class (CRC) 2 - Moderate corrosion stress 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 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	Structural design	Piston rod with roller Profile barrel
Protection against torsion/guide Plattened piston rod 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 Operation 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 Ambient temperature -10 °C80 °C Permissible impact force on the advanced piston rod Permissible lateral force during switching operation Aax. cycle rate Vpe of mounting Optionally: With through-hole With internal thread With accessories Oneumatic connection G1/8 Note on materials RoHS-compliant Steel, galvanized Over material Over material Operation MPa Steel, galvanized Wrought aluminum alloy Anodized TPE-U(PU)	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) Operation with oil lubrication possible (required for further use) Operation resistance class (CRC) 2 - Moderate corrosion stress VDMA24364-B1/B2-L VDMA24364-B1/B2-	Variants	Piston rod secured against twisting
1.2 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 ABS (PWIS) conformity VDMA24364-B1/B2-L VIDMA24364-B1/B2-L VIDMA245-B1/B2-L VIDMA24364-B1/B2-L VIDMA24364-B1/B2-L VIDMA24364-B1/B2-L VIDMA2	Protection against torsion/guide	Flattened piston rod
Operation with oil lubrication possible (required for further use) 2 - Moderate corrosion stress ABS (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 Aax. cycle rate Supe of mounting Optionally: With through-hole With internal thread With accessories Oneumatic connection G1/8 RoHS-compliant Iange screws material Over material Wrought aluminum alloy Anodized Feel of prescription and pilot media Operation with oil lubrication possible (required for further use) 2 - Moderate corrosion stress 5 - MODE on N 5000 N 1250 N Optionally: With through-hole With internal thread With accessories Oneumatic connection G1/8 Over material TPE-U(PU)	Operating pressure	
ABS (PWIS) conformity	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
ABS (PWIS) conformity Ambient temperature -10 °C80 °C Permissible impact force on the advanced piston rod Permissible lateral force during switching operation Aax. cycle rate 5 Hz Optionally: With through-hole With internal thread With accessories Peneumatic connection G1/8 Idange screws material Cover material Steel, galvanized Wrought aluminum alloy Anodized FPE-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 5000 N Permissible lateral force during switching operation Alax. cycle rate 5 Hz Optionally: With through-hole With internal thread With accessories Peneumatic connection G1/8 Note on materials RoHS-compliant Clange screws material Steel, galvanized Wrought aluminum alloy Anodized TPE-U(PU)	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Permissible impact force on the advanced piston rod 2500 N 2	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Permissible lateral force during switching operation 1250 N Max. cycle rate 5 Hz Optionally: With through-hole With internal thread With accessories Preumatic connection G1/8 RoHS-compliant Clange screws material Steel, galvanized Wrought aluminum alloy Anodized Geals material TPE-U(PU)	Ambient temperature	-10 °C80 °C
Axx. cycle rate ype of mounting Optionally: With through-hole With internal thread With accessories Preumatic connection G1/8 Note on materials RoHS-compliant Steel, galvanized Over material Over material Over material Over material Over material TPE-U(PU)	Permissible impact force on the advanced piston rod	5000 N
Optionally: With through-hole With internal thread With accessories Pneumatic connection G1/8 Note on materials RoHS-compliant Clange screws material Steel, galvanized Wrought aluminum alloy Anodized Geals material TPE-U(PU)	Permissible lateral force during switching operation	1250 N
With through-hole With internal thread With accessories Preumatic connection G1/8 Rote on materials RoHS-compliant Clange screws material Steel, galvanized Wrought aluminum alloy Anodized Geals material TPE-U(PU)	Max. cycle rate	5 Hz
Rote on materials RoHS-compliant Steel, galvanized Gover material Wrought aluminum alloy Anodized Geals material TPE-U(PU)	Type of mounting	With through-hole With internal thread
Steel, galvanized Over material Wrought aluminum alloy Anodized Feals material TPE-U(PU)	Pneumatic connection	G1/8
Cover material Wrought aluminum alloy Anodized Geals material TPE-U(PU)	Note on materials	RoHS-compliant
Anodized Geals material TPE-U(PU)	Flange screws material	Steel, galvanized
. , ,	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