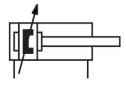
ISO cylinder DSBC-32-20-D3-PPVA-N3

Part number: 3656511





Data sheet

Network32 mmVision diameter32 mmVision rod threadM10x1.25UushioningPneumatic cushioning, adjustable at both endsJounting positionoptionalConforms to standardISO 15552Vision-rod endMale threadDesignPistonPistonProfile barrelPosition detectionVia proximity switchAratatsPiston rod at one endOperating pressure0.08 Mp1.2 MPaObsel of operationDouble-actingOperating mediumCompressed air to ISO 8573-1:2010[7:4:4]Lubricated operation possible (in which case lubricated operation will always be required)Corrosion resistance class CRC2 · Moderate corrosion stressABS (PWIS) conformityVDM24364-B1/B2-LWinshing length17 mmTheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke483 NAoving mass for 10 mg stroke483 NAoving mass for 0 mg stroke9 gProduct weight541 gBasic weight for 0 mm stroke480 g	Feature	Value
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AriantsPiston rod at one endOperating pressure0.08 MPa1.2 MPa 0.8 bar12 barAdde of operationDouble-actingOperating mediumCompressed air to ISO 8573-1:2010 [7:4:4]kote on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)corrosion resistance class CRC2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-LAmbient temperature-20 °C80 °Cmpact energy in end positions0.4 J'Lushioning length17 mm'heoretical force at 0.6 MPa (6 bar, 87 psi), return stroke415 NAdving mass128 gAdving mass for 0 mm stroke110 gYdditional moving mass per 10 mm stroke9 g'broduct weight541 gBasic weight for 0 mm stroke480 g	Design	Piston rod
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Operating mediumCompressed air to ISO 8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (in which case lubricated operation will always be required)Corrosion resistance class CRC2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-LAmbient temperature-20 °C80 °Cmpact energy in end positions0.4 JCushioning length17 mm'heoretical force at 0.6 MPa (6 bar, 87 psi), return stroke415 NAoving mass128 gAoving mass for 0 mm stroke110 gVadditional moving mass per 10 mm stroke541 gBasic weight for 0 mm stroke480 g	Operating pressure	
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always be required)Corrosion resistance class CRC2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-LAmbient temperature-20 °C80 °Cmpact energy in end positions0.4 JCushioning length17 mmTheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke415 NAboving mass128 gMoving mass for 0 mm stroke110 gAdditional moving mass per 10 mm stroke9 gProduct weight541 gBasic weight for 0 mm stroke480 g	Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
ABS (PWIS) conformityVDMA24364-B1/B2-LAmbient temperature-20 °C80 °Cmpact energy in end positions0.4 JCushioning length17 mmTheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke415 NTheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke483 NMoving mass128 gMoving mass for 0 mm stroke110 gAdditional moving mass per 10 mm stroke9 gProduct weight541 gBasic weight for 0 mm stroke480 g	Note on operating and pilot medium	
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mpact energy in end positions0.4 JCushioning length17 mmTheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke415 NTheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke483 NAoving mass128 gMoving mass for 0 mm stroke110 gAdditional moving mass per 10 mm stroke9 gProduct weight541 gBasic weight for 0 mm stroke480 g	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cushioning length17 mmTheoretical force at 0.6 MPa (6 bar, 87 psi), return stroke415 NTheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke483 NMoving mass128 gMoving mass for 0 mm stroke110 gAdditional moving mass per 10 mm stroke9 gProduct weight541 gBasic weight for 0 mm stroke480 g	Ambient temperature	-20 °C80 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke415 NTheoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke483 NAoving mass128 gMoving mass for 0 mm stroke110 gAdditional moving mass per 10 mm stroke9 gProduct weight541 gBasic weight for 0 mm stroke480 g	Impact energy in end positions	0.4 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke483 NMoving mass128 gMoving mass for 0 mm stroke110 gAdditional moving mass per 10 mm stroke9 gProduct weight541 gBasic weight for 0 mm stroke480 g	Cushioning length	17 mm
Aoving mass128 gAoving mass for 0 mm stroke110 gAdditional moving mass per 10 mm stroke9 gProduct weight541 gBasic weight for 0 mm stroke480 g	Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke	415 N
Aving mass for 0 mm stroke 110 g Additional moving mass per 10 mm stroke 9 g Product weight 541 g Basic weight for 0 mm stroke 480 g	Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	483 N
Additional moving mass per 10 mm stroke 9 g Product weight 541 g Basic weight for 0 mm stroke 480 g	Moving mass	128 g
Product weight 541 g Basic weight for 0 mm stroke 480 g	Moving mass for 0 mm stroke	110 g
Basic weight for 0 mm stroke 480 g	Additional moving mass per 10 mm stroke	9 g
	Product weight	541 g
Additional weight per 10 mm stroke 31 g	Basic weight for 0 mm stroke	480 g
	Additional weight per 10 mm stroke	31 g

FESTO

Feature	Value
Type of mounting	Via female thread With accessories Either:
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Material cover	Die-cast aluminium, coated
Material piston seal	TPE-U(PU)
Material piston	Wrought aluminium alloy
Material piston rod	High-alloy steel
Material piston rod wiper	TPE-U(PU)
Buffer seal material	TPE-U(PU)
Cushioning boss material	РОМ
Material cylinder barrel	Smooth-anodised wrought aluminium alloy
Material nut	Galvanised steel
Material rod wiper	TPE-E
Material bearing	Metal polymer compound
Material collar screws	Galvanised steel