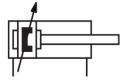
## ISO cylinder DSBC-40-30-PPVA-N3 Part number: 2123167





## **Data sheet**

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InstantInstantoperating pressure0.06 MPa1.2 MPa 0.6 bar12 barlode of operationDouble-actingoperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]nformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)orrosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-Lleanroom classClass 6 according to ISO 14644-1mbient temperature-20 °C80 °Cmpact energy in the end positions0.7 Jushoinig length19 mmheoretical force at 6 bar, retracting633 Nheoretical force at 6 bar, advancing754 Nloving mass253 gloving mass at 0 mm stroke205 gdditional moving mass per 10 mm stroke16 groduct weight851 g	Position sensing	For proximity sensor
Protection0.6 bar12 barNode of operationDouble-actingoperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]oformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)orrosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-Lleanroom classClass 6 according to ISO 14644-1mbient temperature-20 °C80 °Cmpact energy in the end positions0.7 Jushioning length19 mmheoretical force at 6 bar, retracting633 Nheoretical force at 6 bar, advancing754 Ntoving mass205 gtoving mass at 0 mm stroke205 gdditional moving mass per 10 mm stroke16 groduct weight851 g	Variants	Piston rod at one end
perating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]oformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)orrosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-Lleanroom classClass 6 according to ISO 14644-1mbient temperature-20 °C80 °Cnpact energy in the end positions0.7 Jushioning length19 mmheoretical force at 6 bar, retracting633 Nheoretical force at 6 bar, advancing754 Nloving mass253 gloving mass at 0 mm stroke205 groduct weight16 g	Operating pressure	
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orrosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-Lleanroom classClass 6 according to ISO 14644-1mbient temperature-20 °C80 °Cmpact energy in the end positions0.7 Jushioning length19 mmheoretical force at 6 bar, retracting633 Nheoretical force at 6 bar, advancing754 NNoving mass253 gloving mass at 0 mm stroke205 gdditional moving mass per 10 mm stroke16 groduct weight851 g	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
ABS (PWIS) conformityVDMA24364-B1/B2-Lleanroom classClass 6 according to ISO 14644-1mbient temperature-20 °C80 °Cnpact energy in the end positions0.7 Jushioning length19 mmheoretical force at 6 bar, retracting633 Nheoretical force at 6 bar, advancing754 NNoving mass253 gNoving mass at 0 mm stroke205 gdditional moving mass per 10 mm stroke16 groduct weight851 g	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
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Instrume-20 °C80 °Cnpact energy in the end positions0.7 Jushioning length19 mmheoretical force at 6 bar, retracting633 Nheoretical force at 6 bar, advancing754 NNoving mass253 gNoving mass at 0 mm stroke205 gdditional moving mass per 10 mm stroke16 groduct weight851 g	LABS (PWIS) conformity	VDMA24364-B1/B2-L
mpact energy in the end positions0.7 Jushioning length19 mmheoretical force at 6 bar, retracting633 Nheoretical force at 6 bar, advancing754 NNoving mass253 gNoving mass at 0 mm stroke205 gdditional moving mass per 10 mm stroke16 groduct weight851 g	Cleanroom class	Class 6 according to ISO 14644-1
ushioning length19 mmheoretical force at 6 bar, retracting633 Nheoretical force at 6 bar, advancing754 NNoving mass253 gNoving mass at 0 mm stroke205 gdditional moving mass per 10 mm stroke16 groduct weight851 g	Ambient temperature	-20 °C80 °C
heoretical force at 6 bar, retracting633 Nheoretical force at 6 bar, advancing754 NNoving mass253 gNoving mass at 0 mm stroke205 gdditional moving mass per 10 mm stroke16 groduct weight851 g	Impact energy in the end positions	0.7 J
heoretical force at 6 bar, advancing754 NNoving mass253 gNoving mass at 0 mm stroke205 gdditional moving mass per 10 mm stroke16 groduct weight851 g	Cushioning length	19 mm
Avving mass 253 g   Avving mass at 0 mm stroke 205 g   dditional moving mass per 10 mm stroke 16 g   roduct weight 851 g	Theoretical force at 6 bar, retracting	633 N
Noving mass at 0 mm stroke 205 g   dditional moving mass per 10 mm stroke 16 g   roduct weight 851 g	Theoretical force at 6 bar, advancing	754 N
dditional moving mass per 10 mm stroke 16 g   roduct weight 851 g	Moving mass	253 g
roduct weight 851 g	Moving mass at 0 mm stroke	205 g
	Additional moving mass per 10 mm stroke	16 g
asic weight with 0 mm stroke 740 g	Product weight	851 g
	Basic weight with 0 mm stroke	740 g
dditional weight per 10 mm stroke 37 g	Additional weight per 10 mm stroke	37 g

## **FESTO**

Feature	Value
Type of mounting	With internal thread With accessories Optionally:
Pneumatic connection	G1/4
Note on materials	RoHS-compliant
Cover material	Die-cast aluminum, coated
Piston seal material	TPE-U(PU)
Material of piston	Wrought aluminum alloy
Piston rod material	High-alloy steel
Piston rod wiper material	TPE-U(PU)
Buffer seal material	TPE-U(PU)
Cushion piston material	РОМ
Material of cylinder barrel	Wrought aluminum alloy, smooth-anodized
Nut material	Steel, galvanized
Material of bearing	РОМ
Flange screws material	Steel, galvanized