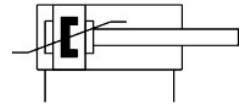


ISO cylinder DSBC-50-150-PPSA-N3

Part number: 2102632

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Stroke	150 mm
Piston diameter	50 mm
Piston rod thread	M16x1.5
Cushioning	Self-adjusting pneumatic end-position cushioning
Mounting position	optional
Conforms to standard	ISO 15552
Piston-rod end	Male thread
Design	Piston Piston rod Profile barrel
Position detection	Via proximity switch
Symbol	00992970
Variants	Piston rod at one end
Operating pressure	0.04 MPa ... 1.2 MPa
Operating pressure	0.4 bar ... 12 bar
Mode of operation	Double-acting
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom class	Class 5 according to ISO 14644-1
Ambient temperature	-20 °C ... 80 °C

Feature	Value
Note on materials	RoHS-compliant
Material cover	Coated die-cast aluminium
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	POM
Material cylinder barrel	Smooth-anodised wrought aluminium alloy
Material nut	Galvanised steel
Material bearing	POM
Material collar screws	Galvanised steel