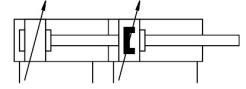


Tandem cylinder DNCT-100- -PPV-A

Part number: 191111

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	3 mm ... 500 mm
Piston diameter	100 mm
Based on norm	ISO 15552 (previously also VDMA 24562, ISO 6431, NF E49 003.1, UNI 10290)
Cushioning	Pneumatic cushioning, adjustable at both ends
Mounting position	Any
Mode of operation	Double-acting
Piston rod end	External thread
Structural design	Piston Piston rod Profile barrel
Position sensing	For proximity sensor
Symbol	00995911
Variants	Piston rod at one end
Operating pressure	0.06 MPa ... 1 MPa
Operating pressure	0.6 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)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	-20 °C ... 80 °C
Impact energy in the end positions	1.2 J
Cushioning length	32 mm
Theoretical force at 6 bar, retracting	8836 N
Theoretical force at 6 bar, advancing	9130 N
Type of mounting	With accessories
Pneumatic connection	G1/2
Note on materials	RoHS-compliant
Cover material	Die-cast aluminum
Seals material	NBR TPE-U(PU)
Housing material	Smooth anodized
Piston rod material	High-alloy steel