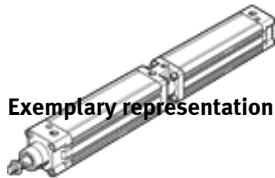


tandem cylinder DNCT-80- -PPV-A-S6

Part number: 191214

FESTO

As per ISO 15552, with profile cylinder barrel, for proximity sensing, with adjustable cushioning at both end positions, heat-resistant design. Position sensing is only possible in the piston rod-side cylinder barrel.



Data sheet

Feature	Value
Stroke	3 ... 500 mm
Piston diameter	80 mm
Based on the standard	ISO 15552 (previously also VDMA 24652, ISO 6431, NF E49 003.1, UNI 10290)
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Mode of operation	double-acting
Piston-rod end	Male thread
Design structure	Piston Piston rod Profile barrel
Position detection	For proximity sensor
Variants	Heat resistant seals, max. 120°C
Operating pressure MPa	0.06 ... 1 MPa
Operating pressure	0.6 ... 10 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B2-L
Ambient temperature	-20 ... 120 °C
Impact energy in end positions	0.9 J
Cushioning length	32 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	5,442 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	5,737 N
Mounting type	with accessories
Pneumatic connection	G3/8
Materials note	Conforms to RoHS
Material cover	Aluminium die cast
Material seals	FPM
Material housing	Wrought Aluminium alloy
Material piston rod	Smooth anodised High alloy steel