

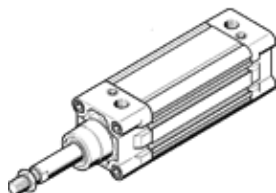
# Standards-based cylinder DNC-80-150-PPV-A

Part number: 1922645

Classic - do not use for new projects

Modern alternatives can be found by entering the first four characters of the type code in the search field.

FESTO



## Data sheet

Feature	Value
Stroke	150 mm
Piston diameter	80 mm
Piston rod thread	M20x1,5
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Conforms to standard	ISO 15552
Piston-rod end	Male thread
Design structure	Piston Piston rod Profile barrel
Position detection	For proximity sensor
Variants	Single-ended piston rod
Operating pressure MPa	0.06 ... 1.2 MPa
Working pressure	0.6 ... 12 bar
Mode of operation	double-acting
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-B1/B2-L
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	0.9 J
Cushioning length	32 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	2,721 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	3,016 N
Moving mass with 0 mm stroke	1,131 g
Additional mass factor per 10 mm of stroke	38 g
Basic weight for 0 mm stroke	2,790 g
Additional weight per 10 mm stroke	106 g
Mounting type	with internal (female) thread with accessories
Pneumatic connection	G3/8
Materials note	Conforms to RoHS
Material cover	Aluminum die cast coated
Material seals	TPE-U(PU)
Material piston rod	High alloy steel
Material cylinder barrel	Wrought Aluminum alloy Smooth anodized