

ISO cylinder

DSN-20-80-PPV

Part number: 8745
Product to be discontinued

FESTO

based on DIN ISO 6432, with adjustable end-position cushioning.
Various mounting options, with or without additional mounting components.

Type to be discontinued. Available until 2018. See Support Portal for alternative products.



Data sheet

Feature	Value
Stroke	80 mm
Piston diameter	20 mm
Piston rod thread	M8
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Conforms to standard	ISO 6432
Piston-rod end	Male thread
Design structure	Piston Piston rod Cylinder barrel
Position detection	No
Variants	Single-ended piston rod
Operating pressure	1 ... 10 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
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	0.2 J
Cushioning length	17 mm
Theoretical force at 6 bar, return stroke	158.3 N
Theoretical force at 6 bar, advance stroke	188.5 N
Moving mass with 0 mm stroke	44 g
Additional weight per 10 mm stroke	7.2 g
Basic weight for 0 mm stroke	186.8 g
Additional mass factor per 10 mm of stroke	4 g
Mounting type	with accessories
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Materials information for cover	Wrought Aluminium alloy neutral anodisation
Materials information for seals	NBR TPE-U(PU)
Materials information for piston rod	High alloy steel, non-corrosive
Materials information for cylinder barrel	High alloy steel, non-corrosive