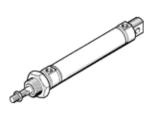
## **ISO cylinder DSN-20-80-PPV** Part number: 8745

Product to be discontinued

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

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