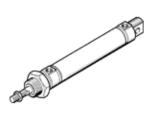
ISO cylinder DSNU-20-160-PPS Part number: 559246

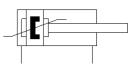
Product to be discontinued

with self-adjusting pneumatic end position cushioning Type to be discontinued. Available until 2018. See Support Portal for alternative products.



Data sheet

| Feature | Value |
|--|--|
| Stroke | 160 mm |
| Piston diameter | 20 mm |
| Piston rod thread | M8 |
| Cushioning | PPS: Self-adjusting pneumatic end-position cushioning |
| Assembly position | Any |
| Conforms to standard | CETOP RP 52 P |
| | ISO 6432 |
| Piston-rod end | Male thread |
| Design structure | Piston |
| | Piston rod |
| | Cylinder barrel |
| 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 | 15 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 piston rod | High alloy steel, non-corrosive |
| Materials information for cylinder barrel | High alloy steel, non-corrosive |



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