

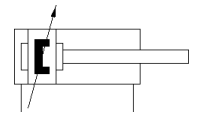
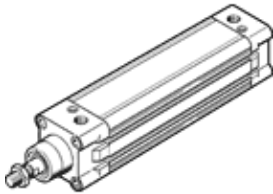
standards-based cylinder DNC-40-30-PPV-A

Part number: 1922624

Classic - do not use for new projects

FESTO

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



Data sheet

| Feature | Value |
|--|---|
| Stroke | 30 mm |
| Piston diameter | 40 mm |
| Piston rod thread | M12x1,25 |
| 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 | 0.6 ... 12 bar |
| Mode of operation | double-acting |
| Maritime classification | see certificate |
| 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 | 20 mm |
| Theoretical force at 6 bar, return stroke | 633 N |
| Theoretical force at 6 bar, advance stroke | 754 N |
| Moving mass with 0 mm stroke | 307 g |
| Additional weight per 10 mm stroke | 45 g |
| Basic weight for 0 mm stroke | 800 g |
| Additional mass factor per 10 mm of stroke | 16 g |
| Mounting type | with internal (female) thread with accessories |
| Pneumatic connection | G1/4 |
| Materials note | Conforms to RoHS |
| Material cover | Aluminium die cast coated |
| Material seals | TPE-U(PU) |
| Material piston rod | High alloy steel |
| Material cylinder barrel | Wrought Aluminium alloy Smooth anodised |