

Standard cylinder

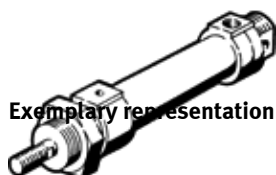
ESN-12- -P

Part number: 11653
Product to be discontinued

FESTO

As per DIN ISO 6432, with elastic cushioning rings in end positions.
Various mounting options, with or without additional mounting components.

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



Exemplary representation

Data sheet

| Feature | Value |
|--|---|
| Stroke | 1 ... 50 mm |
| Piston diameter | 12 mm |
| Piston rod thread | M6 |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Conforms to standard | CETOP RP 52 P ISO 6432 |
| Piston-rod end | Male thread |
| Design structure | Piston Piston rod Cylinder barrel |
| Position detection | No |
| Variants | Single-ended piston rod |
| Working pressure | 1.5 ... 10 bar |
| Mode of operation | single-acting pushing action |
| 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 | 0.07 J |
| Theoretical force at 6 bar, advance stroke | 61 N |
| Moving mass with 0 mm stroke | 75 g |
| Additional weight per 10 mm stroke | 4.1 g |
| Basic weight for 0 mm stroke | 80 g |
| Additional mass factor per 10 mm of stroke | 4 g |
| Mounting type | with accessories |
| Pneumatic connection | M5 |
| Materials note | Conforms to RoHS |
| Materials information for cover | Wrought Aluminum alloy neutral anodization |
| 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 |