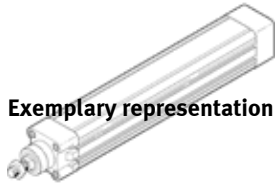


Electro-cylinder DNCE-40- -

Part number: 555489

FESTO

In accordance with ISO 15552.



Exemplary representation



Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|---|---|
| Size | 40 |
| Stroke | 1 ... 600 mm |
| Stroke reserve | 0 mm |
| Piston rod thread | M12x1,25 |
| Max. angular deflection of piston rod +/- | 0.25 deg |
| Based on the standard | ISO 15552 (previously also VDMA 24652, ISO 6431, NF E49 003.1, UNI 10290) |
| Assembly position | Any |
| Motor type | Stepper motor Servomotor DC servo motor |
| Position detection | For proximity sensor |
| Variants | Female thread on piston rod Extended piston rod Non-rotating piston rod |
| Protection against torque/guide | with plain-bearing guide |
| Duty cycle | 100% |
| Storage temperature | -25 ... 60 °C |
| Relative air humidity | 0 - 95 % |
| Protection class | IP40 IP65 |
| Ambient temperature | 0 ... 50 °C |
| Impact energy in end positions | 0.0002 J |
| Permanent drive torque | 0.8 ... 1.6 Nm |
| Permanent feed force | 420 ... 640 N |
| Max. torque for protection against rotation | 1 Nm |
| Max. torque M_x | 1 Nm |
| Max. radial force at drive shaft | 260 N |
| Max. static axial force F_x | 1,400 N |
| Mounting type | with internal (female) thread with accessories |
| Materials note | Contains PWIS substances Conforms to RoHS |
| Materials information for cover | Aluminium casting Painted |
| Materials information, housing | Wrought Aluminium alloy Smooth anodised |
| Materials information for piston rod | High alloy steel, non-corrosive |
| Materials information for cylinder barrel | Wrought Aluminium alloy Smooth anodised |