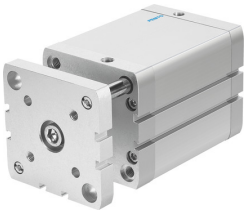
# Compact air cylinder
# ADNGF-63-10-P-A

Part number: 554268



## Data sheet

| Feature | Value |
|---|---|
| Stroke | 10 mm |
| Piston diameter | 63 mm |
| Type code | ADNGF |
| Based on norm | ISO 21287 |
| Cushioning | Elastic cushioning rings/pads at both ends |
| Mounting position | Any |
| Design | Piston<br>Piston rod<br>Profile barrel |
| Position sensing | For proximity sensor |
| Protection against torsion/guide | Guide rod with yoke |
| Operating pressure | 1 bar ... 10 bar |
| Mode of operation | Double-acting |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| Ambient temperature | -20 °C ... 80 °C |
| Impact energy in the end positions | 1.3 J |
| Theoretical force at 6 bar, retracting | 1750 N |
| Theoretical force at 6 bar, advancing | 1870 N |
| Moving mass at 0 mm stroke | 373 g |
| Additional weight per 10 mm stroke | 72 g |
| Basic weight with 0 mm stroke | 915 g |
| Additional moving mass per 10 mm stroke | 29 g |
| Pneumatic connection | G1/8 |
| Note on materials | RoHS-compliant |
| Cover material | Aluminum<br>Anodized |
| Seals material | TPE-U(PUR) |
| Piston rod material | High-alloy steel |
| Material of cylinder barrel | Wrought aluminum alloy<br>Smooth anodized |