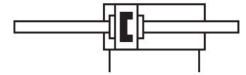


# Round cylinder DSNU-3/4"- -P-A-S2

Part number: 548514

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Stroke   | 0.4 in...12 in   |
| Piston diameter  | 3/4"   |
| Piston rod thread  | 5/16-24 UNF-2A   |
| Based on standard  | ISO 6432   |
| Cushioning   | Elastic cushioning rings/plates at both ends   |
| Mounting position  | optional   |
| Piston-rod end   | Male thread  |
| Design   | Piston<br>Piston rod   |
| Position detection   | Via proximity switch   |
| Variants   | Through piston rod   |
| Operating pressure   | 0.1 MPa...1 MPa<br>1 bar...10 bar  |
| Mode of operation  | Double-acting  |
| Operating medium   | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Note on operating and pilot medium                           | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC                               | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                                       | VDMA24364-B1/B2-L  |
| Ambient temperature  | -4 °F...176 °F   |
| Impact energy in end positions                               | 0.147 ft-lbf   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke  | 31.7 lbf   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 37.7 lbf   |
| Moving mass for 0 mm stroke                                  | 1.55 oz  |
| Additional weight per 10 mm stroke                           | 0.141 oz   |
| Type of mounting   | With accessories   |
| Pneumatic connection   | 1/8 NPT  |
| Note on materials  | RoHS-compliant   |
| Material cover   | Wrought aluminium alloy  |
| Material seals   | NBR<br>TPE-U(PU)   |
| Material piston rod  | High-alloy stainless steel   |

| Feature                  | Value                      |
|--------------------------|----------------------------|
| Material cylinder barrel | High-alloy stainless steel |