

# Pancake cylinder DPCA-...-...-1 1/8"- -

Part number: 8104873

FESTO



## Data sheet

| Feature                            | Value   |
|------------------------------------|---|
| Stroke                             | 0.125 in...4 in   |
| Piston diameter                    | 1 1/8"  |
| Piston rod thread                  | 5/16-24 UNF-2B<br>5/16-24 UNF-2A  |
| Cushioning                         | No cushioning<br>Elastic cushioning rings/plates at both ends<br>Elastic cushioning rings/plates, front<br>Elastic cushioning rings/plates, rear  |
| Mounting position                  | optional  |
| Mode of operation                  | Double-acting<br>Pushing<br>Single-acting<br>Pulling  |
| Piston-rod end                     | Male thread<br>Female thread  |
| Design                             | Piston<br>Piston rod<br>Cylinder barrel   |
| Position detection                 | Via proximity switch  |
| Variants                           | Increased chemical resistance<br>Noise reduction on both sides<br>Noise reduction at rear<br>Noise reduction at front<br>Stroke adjustment advancing/at front<br>Through piston rod<br>Through, hollow piston rod<br>Additional PTFE piston guide |
| Protection against torque/guide    | Piston guide pin  |
| Operating pressure                 | 15 psi...150 psi  |
| 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)  |
| LABS (PWIS) conformity             | VDMA24364 zone III  |
| Ambient temperature                | -25.6 °F...250 °F   |
| Product weight                     | 0.28 lb...1.39 lb   |

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|--------------------------|--|
| Type of mounting         | With swivelling rod eye on end cap rotated 90°<br>With swivelling rod eye on end cap<br>With swivel clevis on end cap rotated 90°<br>With swivel clevis on end cap<br>With through-hole<br>With accessories<br>Either: |
| Pneumatic connection     | Female thread G1/8<br>Female thread 1/8 NPT  |
| Note on materials        | RoHS-compliant   |
| Material cover           | Wrought aluminium alloy  |
| Material dynamic seals   | FPM<br>NBR   |
| Material piston rod      | High-alloy steel   |
| Material cylinder barrel | Wrought aluminium alloy  |