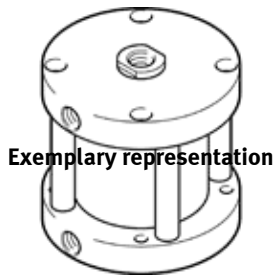


pancake cylinder DPCB-N-...-1 1/16" - -

Part number: 8104881

FESTO



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|---------------------------------|--|
| Stroke | 0.125 ... 4 " |
| Piston diameter | 1 1/16" |
| Piston rod thread | 5/16-24 UNF-2B 5/16-24 UNF-2A 5/16-18 UNC-2B 5/16-18 UNC-2A |
| Cushioning | No cushioning P: Flexible cushioning rings/plates at both ends Elastic cushioning rings/plates, at front Elastic cushioning rings/plates, at rear |
| Assembly position | Any |
| Mode of operation | double-acting single-acting pushing action pulling action |
| Piston-rod end | Male thread Female thread No thread |
| Design structure | Piston Piston rod Cylinder barrel |
| Position detection | For proximity sensor |
| Variants | Increased chemical resistance Extended piston rod Low-friction Through piston rod Through, hollow piston rod Temperature range -40 - 80 °C Scraper made of NBR Reinforced end cap Square lid shape With sensor mounting rail with sensor mounting rail rotated 90° with sensor mounting rail rotated 180° with sensor mounting rail rotated 270° Compressed air connection, rotated 90° Compressed air connection, rotated 180° Compressed air connection, rotated 270° |
| Protection against torque/guide | Double piston rod with end plate Double piston rod with end plate rotated 90° Double piston rod with end plate with recess and through-hole Double piston rod with end plate with recess and through-hole rotated 90° |
| Operating pressure | 15 ... 150 Psi |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |

| Feature | Value |
|------------------------------------|--|
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further operation) |
| PWIS conformity | VDMA24364 zone III |
| Ambient temperature | -25 ... 221 °F |
| Product weight | 4.7 ... 5.61 Pound |
| Mounting type | Direct mounting on end cap via thread Direct mounting on bearing cap via thread Direct mounting on both sides via thread with swivelling rod eye on end cap rotated 90° with swivelling rod eye on end cap With through-hole on end cap With through-hole on bearing cap With through-hole on both sides With threaded flange on bearing cap With trunnion mounting on end cap With trunnion mounting on bearing cap with accessories Optional |
| Pneumatic connection | Female thread 1/8 NPT |
| Materials note | Conforms to RoHS |
| Material cover | Wrought Aluminium alloy |
| Material of dynamic seals | FPM NBR |
| Material piston rod | high-alloy stainless steel, hard chrome plated |
| Material cylinder barrel | Reinforced composite material |