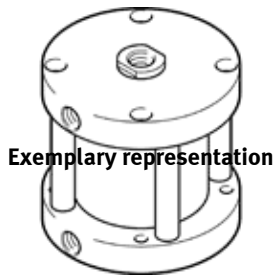


# pancake cylinder DPCB-N-...-2 1/2"- -

Part number: 8104884

FESTO



Exemplary representation

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	0.125 ... 4 "
Piston diameter	2 1/2"
Piston rod thread	1/2-20 UNF-2B 1/2-20 UNF-2A 1/2-13 UNC-2B 1/2-13 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	21.5 ... 27.1 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