

Pancake cylinder DPCB-N-...-1/2"- -

Part number: 8104879

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	3.175 mm ... 101.6 mm
Piston diameter	1/2"
Piston rod thread	8-32 UNC-2B 8-32 UNC-2A
Cushioning	No cushioning Elastic cushioning rings/pads at both ends Elastic cushioning rings/plates, at front Elastic cushioning rings/plates, at rear
Mounting position	Any
Mode of operation	Double-acting Pushing Single-acting Pulling
Piston rod end	External thread Internal thread No thread
Structural design	Piston Piston rod Cylinder barrel
Position sensing	For proximity sensor
Variants	Extended piston rod Square lid shape Low friction Through piston rod Through, hollow piston rod Temperature range -40 to 80°C Reinforced end cap
Protection against torsion/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	1.034 bar ... 10.342 bar
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)
LABS (PWIS) conformity	VDMA24364 zone III
Ambient temperature	-32 °C ... 105 °C
Product weight	521.631 g ... 571.526 g

Feature	Value
Type of mounting	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
Pneumatic connection	Internal thread 10-32 UNF-2B
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Material of dynamic seals	FPM NBR
Piston rod material	high-alloy stainless steel, hard chrome plated
Material of cylinder barrel	Wrought aluminum alloy