

Pancake cylinder DPCA-...-...-1/2"- -

Part number: 8104871

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	1.5875 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
Structural design	Piston Piston rod Cylinder barrel
Position sensing	For proximity sensor
Variants	Through piston rod Through, hollow piston rod Additional PTFE piston guide
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 ... 121 °C
Product weight	36.287 g ... 208.652 g
Type of mounting	With through-hole With accessories
Pneumatic connection	Internal thread M5 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 steel
Material of cylinder barrel	Wrought aluminum alloy