

Pancake cylinder DPCA-...-...-3"- -

Part number: 8104877

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	3"
Piston rod thread	1/2-20 UNF-2B 1/2-20 UNF-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	Stroke adjustment extending/at front Through piston rod Through, hollow piston rod Additional PTFE piston guide
Protection against torsion/guide	Piston guide pin
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	857.289 g ... 2594.546 g
Type of mounting	with swiveling fork on end cap rotated 90° with swiveling fork on end cap With through-hole With accessories
Pneumatic connection	Internal thread G1/8 Internal thread 1/8 NPT
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Material of dynamic seals	FPM NBR

Feature	Value
Piston rod material	High-alloy steel
Material of cylinder barrel	Wrought aluminum alloy