

# Pancake cylinder

## DPCA-...-...-2 1/2"- -

Part number: 8104876

FESTO



## Data sheet

Feature	Value
Stroke	0.125 in...4 in
Piston diameter	2 1/2"
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	Increased chemical resistance Noise reduction on both sides Noise reduction at rear Noise reduction at front 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	3 psi...150 psi
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	-25.6 °F...250 °F
Product weight	1.43 lb...4.73 lb

Feature	Value
Type of mounting	with swiveling fork on end cap rotated 90° with swiveling fork on end cap With through-hole With accessories Optionally:
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
Piston rod material	High-alloy steel
Material of cylinder barrel	Wrought aluminum alloy