

# 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/plates at both ends Elastic cushioning rings/plates, front Elastic cushioning rings/plates, rear
Mounting position	optional
Mode of operation	Double-acting Pushing Single-acting Pulling
Piston-rod end	Male thread Female thread
Design	Piston Piston rod Cylinder barrel
Position detection	Via proximity switch
Variants	Increased chemical resistance Noise reduction on both sides Noise reduction at rear Noise reduction at front Stroke adjustment advancing/at front Through piston rod Through, hollow piston rod Additional PTFE piston guide
Protection against torque/guide	Piston guide pin
Operating pressure	3 psi...150 psi
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
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 swivel clevis on end cap rotated 90° With swivel clevis on end cap With through-hole With accessories Either:
Pneumatic connection	Female thread G1/8 Female thread 1/8 NPT
Note on materials	RoHS-compliant
Material cover	Wrought aluminium alloy
Material dynamic seals	FPM NBR
Material piston rod	High-alloy steel
Material cylinder barrel	Wrought aluminium alloy