

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

Part number: 8104884

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 1/2-13 UNC-2B 1/2-13 UNC-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 No thread
Design	Piston Piston rod Cylinder barrel
Position detection	Via proximity switch
Variants	Scraper made of NBR Supply port, rotated 180° Supply port, rotated 270° Supply port, rotated 90° Increased chemical resistance 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 torque/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°

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Operating pressure	15 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...221 °F
Product weight	21.5 lb...27.1 lb
Type of mounting	Direct mounting on end cap via thread Direct mounting on bearing cap via thread Direct mounting on both sides via thread With swivelling rod eye on end cap rotated 90° With swivelling rod eye on end cap With through-hole on end cap With through-hole on bearing cap With through-hole on both sides With flange thread on bearing cap With trunnion mounting on end cap With trunnion mounting on bearing cap With accessories Either:
Pneumatic connection	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 stainless steel, hard chrome-plated
Material cylinder barrel	Reinforced composite material