Pancake cylinder DPCB-N-...-3/4""- -

Part number: 8104880

Data sheet

Feature	Value
Stroke	0,125 in...4 in
Piston diameter	3/4""
Piston rod thread	10-32 UNF-2B 10-32 UNF-2A 10-24 UNC-2B 10-24 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 Single-acting Pushing 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 With sensor mounting rail rotated 180° With sensor mounting rail rotated 270° With sensor mounting rail rotated 90° With sensor mounting rail

Feature	Value
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°
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	374457 lb...417664 lb
Type of mounting	Either: 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
Pneumatic connection	Female thread 10-32 UNF-2B
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