

Round cylinder DPRA-N-...-2 1/2"- -

Part number: 8109555

FESTO



 [General operating condition](#)

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	1.5875 mm ... 304.8 mm
Piston diameter	2 1/2"
Piston rod thread	1/2-20 UNF-2A
Cushioning	No cushioning Elastic cushioning rings/pads at both ends
Mounting position	Any
Structural design	Piston Piston rod Cylinder barrel
Position sensing	For proximity sensor
Variants	Extended external thread piston rod Extended piston rod Bearing cap for direct mounting Bearing cap with mounting thread Bearing cap with trunnion flange Axial supply port Lateral supply port With anti-twist protection Through piston rod Temperature range 0 to + 150°C Temperature range -40 to 80°C Piston rod at one end
Operating pressure	0.689 bar ... 10.342 bar
Mode of operation	Double-acting
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)
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Ambient temperature	-40 °C ... 149 °C
Product weight	898.112 g ... 1954.982 g
Type of mounting	With accessories
Pneumatic connection	1/4 NPT
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Seals material	FPM NBR
Piston rod material	High-alloy stainless steel
Material of cylinder barrel	High-alloy stainless steel