Round cylinder DPRA-N-...-1 1/2"- -Part number: 8109552



Data sheet

Piston diameter 1 1/2" Piston rod thread 7/16-20 UNF-2A Cushioning No cushioning rings/pads at both ends Pneumatic cushioning rings/pads at both ends Mounting position Any Structural design Piston rod Cylinder barrel Position sensing For proximity sensor Variants End cap with swiveling rod eye and bearing sleeve End cap with runnion flange, rotated 90° End cap with runnion flange Variants End cap with runnion flange Bearing cap with mounting thread Bearing cap with mounting thread Bearing cap with mounting thread Bearing cap with mounting thread Bearing cap with mounting thread Bearing cap with mounting thread Bearing cap with mounting thread Bearing cap with mounting thread Bearing cap with mounting thread Bearing cap with mounting thread Bearing cap with mounting thread Bearing cap with mounting thread Bearing cap with mounting thread Bearing cap with mounting thread Bearing cap with piston rod Through piston rod Through piston rod Through piston rod Through piston rod Through piston rod Protection against torsion/guide Hexagonal piston rod Operating pressure	Feature	Value
Piston rod thread 7/16-20 UNF-2A Cushioning No cushioning rings/pads at both ends Pneumatic cushioning, adjustable at both ends Mounting position Any Structural design Piston Position sensing For proximity sensor Variants End cap with trunnion flange, rotated 90° End cap with trunnion flange Scraper made of NBR Extended piston rod Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap with mounting thread Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap forect mounting	Stroke	0.0625 in12 in
Cushioning No cushioning rings/pads at both ends Preumatic cushioning rings/pads at both ends Preumatic cushioning, adjustable at both ends Mounting position Any Structural design Piston Piston rod Cylinder barrel Position sensing For proximity sensor Variants End cap with swiveling rod eye and bearing sleeve End cap with trunnion flange, rotated 90° End cap with trunnion flange Scraper made of NBR Extended piston rod Bearing cap for direct mounting Bearing cap of direct mounting Bearing cap with trunnion flange Axial supply port 	Piston diameter	1 1/2"
Elastic cushioning rings/pads at both ends Mounting position Any Structural design Piston Position sensing For proximity sensor Variants End cap with swiveling rod eye and bearing sleeve End cap with trunnion flange, rotated 90° End cap with trunnion flange Structural design End cap with swiveling rod eye and bearing sleeve End cap with trunnion flange Scraper made of NBR Extended external thread piston rod Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap with trunnion flange Aidi supply port Lateral supply port Lateral supply port Lateral supply port Lateral supply port Operating pressure 9.99 psi150 psi Mode of operation Double-acting Pushing Signe-acting Pushing Signe-acting Pushing Double-acting Pushing Signe-acting	Piston rod thread	7/16-20 UNF-2A
Structural design Piston Piston rod Cylinder barrel Position sensing For proximity sensor Variants End cap with swiveling rod eye and bearing sleeve End cap with trunnion flange, rotated 90° End cap with trunnion flange Scraper made of NBR Extended external thread piston rod Extended external thread piston rod Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap with trunnion flange Axial supply port Lateral supply port Lateral supply port Lateral supply port With anti-twist protection Through, hollow piston rod Through, hollow piston rod Temperature range 40 to 80°C Piston rod at one end 9.99 psi150 psi Mode of operation Double-acting Mode of operation Double-acting Pushing Singe Singe Singe Pushing Singe Depretating medium Compressed air as per ISO 8573-1:2010 [7:4:4]	Cushioning	Elastic cushioning rings/pads at both ends
Piston rod Cylinder barrelPosition sensingFor proxinity sensorVariantsEnd cap with swiveling rod eye and bearing sleeve End cap with trunnion flange, rotated 90° End cap with trunnion flange Scraper made of NBR Extended external thread piston rod Extended piston rod Bearing cap for direct mounting Bearing cap for direct mounting Axial supply port 	Mounting position	Any
Variants End cap with swiveling rod eye and bearing sleeve End cap with trunnion flange, rotated 90° End cap with trunnion flange Scraper made of NBR Extended external thread piston rod Bearing cap for direct mounting Bearing cap with mounting thread Bearing cap with trunnion flange Axial supply port Viriants With anti-twist protection Through, hollow piston rod Through, hollow piston rod Through point With anti-twist protection Protection against torsion/guide Hexagonal piston rod Operating medium Single-acting Pushing Single-acting Pushing Pushing Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4]	Structural design	Piston rod
End cap with trunnion flange, rotated 90°End cap with trunnion flangeScraper made of NBRExtended external thread piston rodExtended piston rodBearing cap for direct mountingBearing cap with mounting threadBearing cap with trunnion flangeAxial supply portLateral supply portWith anti-twist protectionHigh corrosion protectionThrough hollow piston rodTemperature range 0 to + 150°CTemperature range 0 to + 150°CTemperature range 0 to 80°CPiston rod at one endProtection against torsion/guideHexagonal piston rodOperating pressure9.99 psi150 psiMode of operationDouble-actting Pushing Single-actting PullingOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]	Position sensing	For proximity sensor
Operating pressure 9.99 psi150 psi Mode of operation Double-acting Pushing Single-acting Pulling Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4]		End cap with trunnion flange, rotated 90° End cap with trunnion flange Scraper made of NBR 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 High corrosion protection Through piston rod Through, hollow piston rod Temperature range 0 to + 150°C Temperature range -40 to 80°C Piston rod at one end
Mode of operation Double-acting Pushing Single-acting Pulling Pulling Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4]	Protection against torsion/guide	Hexagonal piston rod
Pushing Single-acting Pulling Pulling Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4]	Operating pressure	9.99 psi150 psi
	Mode of operation	Pushing Single-acting
Information on operating and pilot media Operation with oil lubrication possible (required for further use)	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)

FESTO

Feature	Value
Corrosion resistance class (CRC)	 Low corrosion stress High corrosion stress Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Ambient temperature	-40 °F300 °F
Product weight	0.44 lb2.73 lb
Type of mounting	With lock nut With accessories
Pneumatic connection	1/8 NPT
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy POM High-alloy stainless steel
Seals material	FPM NBR
Piston rod material	High-alloy stainless steel
Material of cylinder barrel	High-alloy stainless steel