Round cylinder DPRA-N-...-3/4"- -

Part number: 8109549



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Piston idameter 3/4* Piston rod thread 1/4-28 UNF-2A Cushioning No cushioning Eastic cushioning ings/pads at both ends Pneumatic cushioning, adjustable at both ends Mounting position Any Structural design Piston Piston rod Cylinder barrel Position sensing For proximity sensor Randard Structural design For proximity sensor Position sensing End cap with swiveling rod eye and bearing sileeve End cap with trunnion flange, rotated 90° Variants End cap with swiveling rod eye and bearing sileeve End cap with trunnion flange Scraper made of NBR Extended external thread piston rod Extended piston rod Extended piston rod Extended piston rod Earing cap with runnion flange Axiai supply port Lateral supply port Lateral supply port Lateral supply port Variant-twist protection Through piston rod Protection against torsion/guide Hexagonal piston rod Operating pressure 0.689 bar 10.342 bar Mode of operation Double-acting Single-acting Single-acting Operating medium Compressed air as per IS0 8573-1:2010[7:4:4]	Feature	Value
Piston rod thread 1/4-28 UNF-2A Cushioning Elastic cushioning rings/pads 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 with trunnion flange Scraper made of NBR Bearing cap with trunnion flange Scraper made of NBR Protection against torsion/guide Hexagonal piston rod Protection against torsion/guide Hexagonal piston rod Operating pressure 0.689 bar 10.342 bar Mode of operation Double-acting Single-acting Pulling Operation guad pilot media Operation gits and pilot media Operation generation on stress 3. High corrosion stress Alse (PWIS) conformity VDMA24364 zone III	Stroke	1.5875 mm 304.8 mm
Cushioning No cushioning rings/pads at both ends Pneumatic cushioning, adjustable at both ends Mounting position Any Structural design Piston Piston rod Cylinder barrel Position sensing For proximity sensor Variants End cap with switeling rod eye and bearing sleeve End cap with trunnion flange, rotated 90° End a pwith 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 mounting t	Piston diameter	3/4"
Elastic cushioning rings/pads at both ends Mounting position Any Structural design Piston Piston rod Quinder barrel Position sensing For proximity sensor Variants End cap with trunnion flange, rotated 90° End cap with trunnion flange Paster of NBR Extended piston rod Extended external thread piston rod Extended piston rod Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap for direct mounting Bearing cap with mounting thread Bearing cap with mounting thread Protection against torsion/guide Hexagonal piston rod Operation gressure 068 bb ar Mode of operation Double-acting Single-acting Single-acting Operation gressure 068 bb br Doperation gressure Compressed air as per ISO 8573-1:2010 [7:4:4] Operation on operating and pilot media Operation stress 3 - High corrosion stress 3 - High corrosion stress A - Mative Mithy Single acting bress and as per ISO 8573-1:2010 [7:4:4] Divelarating bress and as per ISO 8573-1:2010 [7:4:4] Appendix VMA24364 zone III Antucatiny high corrosion stress A - Harticularly high corrosion stress 3 - High corrosion stress	Piston rod thread	1/4-28 UNF-2A
Structural design Piston rod 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 piston rod Extended piston rod Bearing cap with runnion flange Axial supply port With anti-twist protection High corrosion protection High corrosion protection Through piston rod Protection against torsion/guide Hexagonal piston rod Operating pressure 0.689 bar 10.342 bar Mode of operation Double-acting Single-acting Single-acting Single-acting Single-acting Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation suffs corrosion stress 3. High corrosion stress 3. High corrosion stress 3. High corrosion stress 3. High corrosion stress 3. High corrosion stress 3. High corrosion stress	Cushioning	Elastic cushioning rings/pads at both ends
Piston rod Cylinder barrelPosition sensingFor proximity sensorVariantsEnd cap with swiveling rod eye and bearing sleeve End cap with trunnion flange, rotated 90° 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 with mounting thread 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 rodProtection against torsion/guideHexagonal piston rod Temperature range 0 to + 150°C Temperature range 0 to + 150°C Temperature range 0 to + 150°C Temperature range 0 to a + 150	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, rotated 90° 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 with trunnion flange Axial supply port Lateral supply port With anti-twist protection High corrosion protection High corrosion protection Through piston rod Protection against torsion/guide Hexagonal piston rod Operating pressure 0.689 bar 10.342 bar Mode of operation Double-acting Single-acting Pushing Pushing Pushing Operation resistance class (CRC) 1 - Low corrosion stress 1 - Low corrosion stress 3 - High corrosion stress 2 - Particularly high corrosion stress 2 - Particularly high corrosion stress	Structural design	Piston rod
End cap with trunnion flange, rotated 90° End cap with trunnion flange Scraper made of NSR Extended external thread piston rod Extended piston rod Bearing cap for direct mounting Bearing cap with trunnion flange Axial supply port Lateral supply port With anti-twist protection High corrosion protection Through piston rodProtection against torsion/guideHexagonal piston rodOperating pressure0.689 bar 10.342 barMode of operation Doprating mediumDouble-acting Single-acting Pushing Pushing Pushing Pushing Pushing Pushing Pushing Pushing Pushing Pushing Pushing Pushing Pushing Pushing corrosion stress A Particularly high corrosion stress 	Position sensing	For proximity sensor
Operating pressure0.689 bar 10.342 barMode of operationDouble-acting Single-acting Pushing PullingOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Operation on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stress 3 - High corrosion stress 4 - Particularly high corrosion stress 4 - Particularly high corrosion stressLABS (PWIS) conformityVDMA24364 zone IIIAmbient temperature-40 °C 149 °C	Variants	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 Temperature range 0 to + 150°C Temperature range -40 to 80°C
Mode of operationDouble-acting Single-acting Pushing PullingOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stress 3 - High corrosion stress 4 - Particularly high corrosion stress 4 - Particularly high corrosion stressLABS (PWIS) conformityVDMA24364 zone IIIAmbient temperature-40 °C 149 °C	Protection against torsion/guide	Hexagonal piston rod
Single-acting Pushing PullingOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stress 3 - High corrosion stress 4 - Particularly high corrosion stress 4 - Particularly high corrosion stressLABS (PWIS) conformityVDMA24364 zone IIIAmbient temperature-40 °C 149 °C	Operating pressure	0.689 bar 10.342 bar
Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress 3 - High corrosion stress 3 - High corrosion stress 4 - Particularly high corrosion stress 4 - Particularly high corrosion stress LABS (PWIS) conformity VDMA24364 zone III Ambient temperature -40 °C 149 °C	Mode of operation	Single-acting Pushing
Corrosion resistance class (CRC)1 - Low corrosion stress 3 - High corrosion stress 4 - Particularly high corrosion stressLABS (PWIS) conformityVDMA24364 zone IIIAmbient temperature-40 °C 149 °C	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
3 - High corrosion stress 4 - Particularly high corrosion stress LABS (PWIS) conformity VDMA24364 zone III Ambient temperature -40 °C 149 °C	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Ambient temperature -40 °C 149 °C	Corrosion resistance class (CRC)	3 - High corrosion stress
	LABS (PWIS) conformity	VDMA24364 zone III
Product weight 45.359 g 385.553 g	Ambient temperature	-40 °C 149 °C
	Product weight	45.359 g 385.553 g

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Feature	Value
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