

Data Sheet

Cylinders - Miniature & Round Cylinders

A75032025

A75 Series - Double Acting Cylinder With Cushioning - Round



Technical Specification

Product Description	DA 032 X 025 Cyl. (Mag) Basic with Adj. Cushioning
Large Description	• A75032025 • DA 032 X 025 Cyl. (Mag) Basic with Adj. Cushioning • Magnetic • Adjustable cushioning at both ends
Cylinder Bore {mm}	032
Stroke {mm}	025
Cushioning Stroke (mm)	012
Piston Rod Diameter (mm)	012
Dimensional Standard	Not Confirms to Standard
Cushioning Method	Adjustable cushioning at both ends
Position Detection	Magnetic
Mode of Operation	Double Acting
Functional Variable	Standard
Pneumatic Connection	G1/8
Piston rod Thread Size	M10 x 1.25
Theoretical force at 0.6 MPa(6 Bar,87 PSI), Retract stroke (Force in N) 1N = 0.1 kgf	373
Theoretical force at 0.6 MPa(6 Bar,87 PSI), Extend stroke (Force in N) 1N = 0.1 kgf	434

Optional Features	Basic
Optional Mountings	Basic
Optional Accessories	None
Connectors	• R1/8 x Dia 6-OD Tubing • R1/8 x Dia 8-OD Tubing
Tubes	Dia 6 & Dia 8
Flow Control Valves	• R1/8 x Dia 6-OD Tubing • R1/8 x Dia 8-OD Tubing
Catalogue Dim L (mm)	177
Catalogue Dim B (mm)	42
Basic weight for 0 mm stroke	Nil
Additional weight per 10 mm stroke	Nil
Additional weight per mm stroke[kilograms]	Nil
Product Weight [kilograms]	Nil
Product Weight [pounds]	Nil
Package size L x B x H (mm)	Nil
Package size L x B x H (inch)	Nil
Operating Medium	Compressed air – Filtered – Lubricated
Ambient Temperature °C	-10 °C to +60 °C
Ambient Temperature °F	14 °F to 140 °F
Cylinder Type	Crimped Cylinder
Cushion Pad	Elastomer
Working Pressure (bar)	0.5 to 10
Working Pressure (psi)	7.25 to 145
Working Pressure (MPa)	0.05 to 01
Medium Temperature °C	5 °C to 50 °C
Medium Temperature °F	41 °F to 122 °F
Materials of Construction	Aluminium, Brass, Nitrile, Polyurethane, Steel, Acetal, Cylinder barrel, Piston rod - Stainless Steel
Magnetic Sensor	AM70 Series
Piston-rod end	Male thread
Variants	Piston rod at one end
Seal Kit Part Number	Nil

Features	• Adjustable cushioning at both ends • Available in magnetic and Non magnetic version • Threaded end cover - hence direct mounting on the machine is possible • Miniature type - compact in size • Piston rod made of Non corrosive stainless steel piston rod (SS303)
Note	For Non standard or longer stroke cylinders, contact your Regional office or Regional dealer or Janatics India
Shelf Life	Nil
Temperature Storage Range Low °C	-10 °C
Temperature Storage Range Low °F	14 °F
Temperature Storage Range High °C	+60 °C
Temperature Storage Range High °F	140 °F
REACH	Nil
ROHS	Nil
Type of Mountings	Front foot mounting, Double foot mounting, Front trunnion, Rear trunnion
Type of Accessories	Clevis foot bracket (Rear end cover side), Clevis foot bracket (Suitable for Front and Rear side), Rod end fork, Rod end aligner, Rod end spherical eye,
HSN Code	Nil
Unit of Measurement	No's
Minimum Order Quantity	1
Is this part Made-to-Order?	Yes
Inner Package Quantity	1
Manufacturer Name	Janatics India Private Limited
Brand Name	Janatics
Countries of Origin	India