

Data Sheet

Cylinders - Tie Rod Cylinders

A33050050O

A33 Series - Single Acting Cylinder



Technical Specification

Product Description	DA 050 X 050 Cyl. (Mag) Basic
Large Description	• A33050050O • DA 050 X 050 Cyl. (Mag) Basic • Magnetic
Cylinder Bore {mm}	050
Stroke {mm}	050
Piston Rod Diameter (mm)	020
Position Detection	Magnetic
Mode of Operation	Single Acting
Dimensional Standard	ISO 6431 / CETOP RP43P, RP53P
Pneumatic Connection	G1/4
Piston rod Thread Size	M16 x 1.5
Output Force	981
Magnetic Sensor	AM1032
Optional Features	Basic
Optional Mountings	Basic
Optional Accessories	None
Connectors	• R1/4 x Dia 8-OD Tubing • R1/4 x Dia 10-OD Tubing
Tubes	Dia 8 & Dia10

Flow Control Valves	• R1/4 x Dia 8-OD Tubing • R1/4 x Dia 10-OD Tubing
Catalogue Dim (L)	229
Catalogue Dim (B)	63
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
MetaPage Title	Single Acting , Tie rod Cylinder, Magnetic Via Proximity Switch, Piston Dia 050 mm, Stroke 050 mm - Janatics
Operating Medium	Compressed air – Filtered – Lubricated
Operating Pressure (bar)	1.5 to 10
Operating Pressure (psi)	21.75 to 145
Operating Pressure (MPa)	0.15 to 01
Ambient Temperature °C	-10 °C to +60 °C
Ambient Temperature °F	14 °F to 140 °F
Medium Temperature °C	5 °C to 50 °C
Medium Temperature °F	41 °F to 122 °F
Materials of Construction	Aluminium, Brass, Nitrile, Steel, Acetal, Iron, Bronze, Polyurethane
Cylinder Type	Tie Rod Cylinder
Cushioning Method	Nil
Cushion Pad	NA
Piston-rod end	Male Thread
Variants	Piston rod at one end
Features	• Wide varieties of mountings • Low friction • Long life
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	Basic Cylinder, Front foot Mounting, Front Flange, Rear Flange, Male Clevis, Female Clevis, Front Trunnion, Rear Trunnion, Center Trunnion
Type of Accessories	Clevis Foot Bracket, Wall Mounting Bracket, Trunnion Bracket, 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
Note 1	Cylinder with centre trunnion is factory fitted.
Note	• *For Non standard or longer stroke cylinders, contact your Regional office or Regional dealer or Janatics India • ** Refer special ordering number.