

# Techsense Bangladesh Ltd

## Iso 6432 Non Magnetic Mini Code : 1090200080CN

Mini-cylinders to ISO 6432 with a chamfered stainless steel barrel. The cylinder head dimensions have been reduced for some sizes so that they can be used where there are space restrictions. Can be used with different types of sensors. Available in various versions with a wide range of accessories:

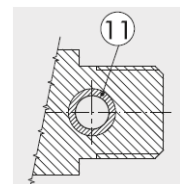
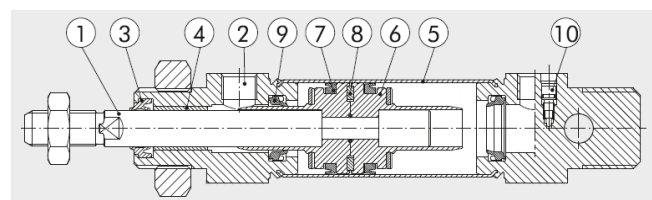
- with or without magnet
- double acting, single or through piston rod
- special executions on request
- gaskets made of NBR, POLYURETHANE, and FKM/FPM (for high temperatures), and low-temperature gaskets
- single acting extended, retracted or through piston rod
- with pneumatic cushioning (Ø 16-20-25)
- fixing accessories, guide units and mechanical rod locking

### Technical Data

- Max operating pressure bar : 10
- Temperature range °C : ( Polyurethane: -10 to +80 ), ( FKM/FPM: -10 to +150 (non-magnetic)
- Fluid : Unlubricated air. Lubrication, if used, must be continuous
- Bore mm : 8; 10; 12; 16; 20; 25
- Design : Chamfered barrel
- Versions : Double-acting, Double-acting cushioned, Single-acting extended or retracted rod, Through-rod, Through-rod cushioned, Version with piston rod block, no-stick slip
- Magnet for sensors : All versions come complete with magnet. Supplied without magnet on request.

### General Attributes

- Type : Non-Magnetic
- Item no : 1090
- Diameter (Bore) : 20
- Stroke : 80
- Gasket : CN



### Application Notes

- PISTON ROD: C45 steel or stainless steel, thick chromed.
- HEAD: anodised aluminium alloy.
- PISTON ROD GASKET: polyurethane, NBR or FKM/FPM.
- GUIDE BUSHING: steel strip with bronze and PTFE insert.
- BARREL: AISI 304 steel.
- HALF-PISTON: acetal resin.
- PISTON GASKET: polyurethane, NBR or FKM/FPM.
- MAGNET: plasteoneodymium
- CUSHIONING GASKET: NBR or FKM/FPM
- NEEDLE: OT 58 with needle out movement safety system even when fully open.
- BUSHING (optional): self-lubricating bronze.

### Components Architecture

For further information please visit : <https://goo.gl/wfoWWW>



LISTED IND. CONT. EQ. 81U2  
 for use in the secondary of  
 a class 2 source of supply



IND. CONT. EQ  
 81U2  
 for use in the secondary of  
 a class 2 source of supply  
 Environmental - Type 1 Enclosure



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