



# SUNMECH ENGINEERING

## STANDARD PNEUMATIC CYLINDERS

Pneumatic cylinders use the force of air to move in both extends and retract strokes. They have two ports to allow air in, one for out stroke and one for in stroke.

Stroke Length for this design is not Limited.

Standard cylinders from 32mm bore to 150mm with stroke range 25mm to as per customer requirement.





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## TECHNICAL SPECIFICATION

### STANDARD PNEUMATIC CYLINDERS

<b>Cylinder Bore (Metric)</b>	32mm,45mm,50mm,63mm,76mm,100mm,125mm,150mm,200mm,250mm,300mm,350mm
<b>Inch version</b>	1.25",1.75",2",3",4",5",6",8",10",12",14" and 16"
<b>Working Pressure</b>	2-10 Bar
<b>ISO-6431 (Metric)</b>	32mm,40mm,63mm,80mm,100mm,125mm,160mm,200mm
<b>Working Pressure</b>	1-10 Bar
<b>Standard Strokes (mm)</b>	25mm,50mm,75mm,100mm-----400mm,450mm,500mm & Etc..
<b>Cylinder Type</b>	Single Acting Cylinder, Double Acting Cylinder, Impact Cylinder, Heavy Duty Cylinder & Etc..
<b>Operating Temperature</b>	0-80° C
<b>Material of Construction</b>	Al.Alloy bar stock,brass,Nitrile or Viton, Hard anodised, EN-8, SS302 & also as per customer requirements
<b>Mountings</b>	Foot Mtg, front flange, Rear Clevis, Central Triunion, Nose Mtg & also as per customer requirements
<b>Accessories</b>	Clevis Foot Mtg Bracket, Wall Mtg Bracket, Triunion Bracket



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## CUSTOMISED SPRING LOADED SINGLE ACTING CYLINDERS



Single acting cylinders are specialized and compact design used in the valves for **fail safe conditions.....[Air---Fail to close -or- Fail to Open]**

At present supply on Bore 100mm and 150mm with maximum stroke of 210mm

Viton seals can be used for -26° C to +205° /230° C (-15° F to +400° /440° F)



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## CUSTOMISED DOUBLE ACTING CYLINDERS



Customized pneumatic cylinder as per the specifications of customers...

Customized Double acting cylinders:

from 32mm bore to 350mm with stroke range up to 2200mm.

Viton seals can be used for -26 °C to +205 ° /230 ° C (-15 ° F to +400 ° /440 ° F)



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## IMPACT CYLINDERS



It suited to a wide range of marking, piercing and light press work applications  
Impact cylinders from 32mm bore to 150mm bore.

### Technical Specifications:

<b>Cylinder Bore (Metric)</b>	50mm,76mm,102mm & 152mm
<b>Working Pressure</b>	2-10 Bar
<b>Operating Temperature</b>	0-80° C
<b>Material of Construction</b>	Al. alloy bar stock, Cast Iron, Seamless tube, M.S, Brass,Hard anodised EN-25,SS202, Nitrile & as per customer req...



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## MOUNTINGS FOR PNEUMATIC CYLINDER



Centerline Mounts, Flange Mounts, Pivot Mounts....



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