

Telescopic Hydraulic Cylinder

Single Acting or Double Acting
Manufacture up to 5 stages
Max working pressure: 160 bar
Test pressure: 210 bar

Features

Piston seal made of special carbon composite material to achieve low friction smooth movement.

Rams are precision ground and hard chrome plated for corrosion resistance. Inside are highly polished to enhance seal life. OD/ID concentricity is tightly controlled to achieve good alignment and prevent tube scouring.

Inter-stage alignment is closely maintained for jerk free movement.

Easy servicing and seal replacement.

PTFE coated bush is installed in all stages of gland.

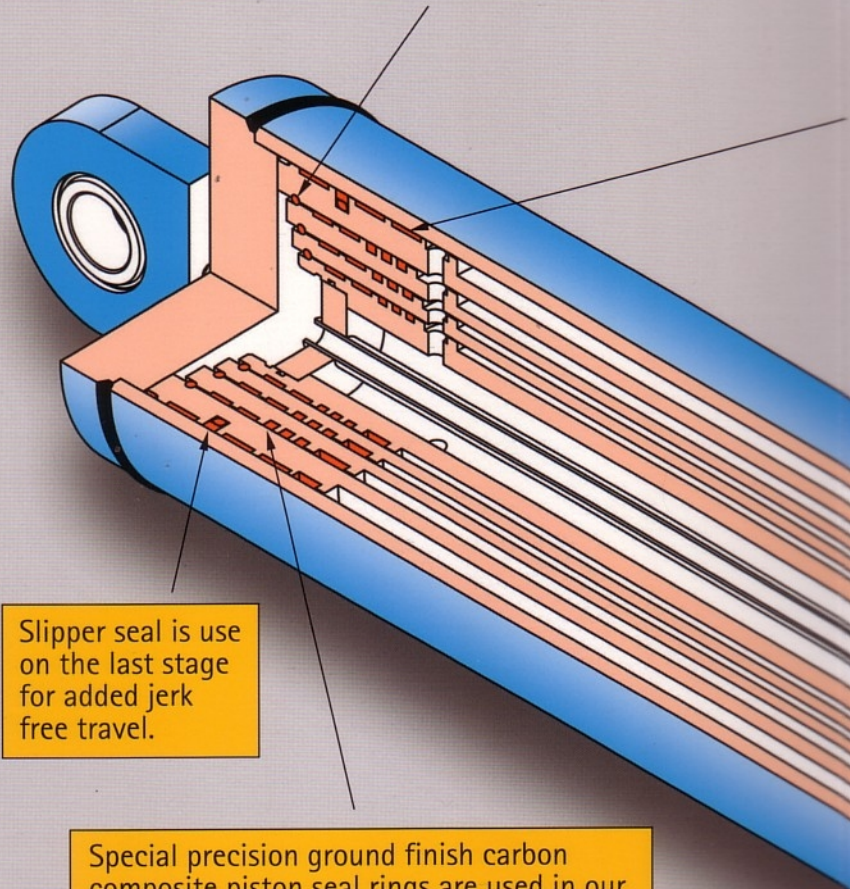
Enlarged oil ports to prevent back pressure leading to tube failure.



What
makes our
cylinder
special
and our
customers
treasure



Improved snap rings design making dismantling of various tube sections as easy as ABC. Ring grooves are case harden to minimise distortion when cylinder subject to shock load.



Slipper seal is use on the last stage for added jerk free travel.

Special precision ground finish carbon composite piston seal rings are used in our cylinder. They are able to create a jerk free movement. The fact that they are specially ground to a unique profile that offers good sealing and jam free passage.
*Patent pending



Every tube section precision supported by the super smooth guide ring. Good concentricity between sections are maintained throughout the stroke movement.



Due to space constrain, we use high tensile tube to reduce the wall thickness. These tubes are precision ground on the OD and honed on the ID. To resist corrosion, all intermediate tube sections are hard chrome plated.

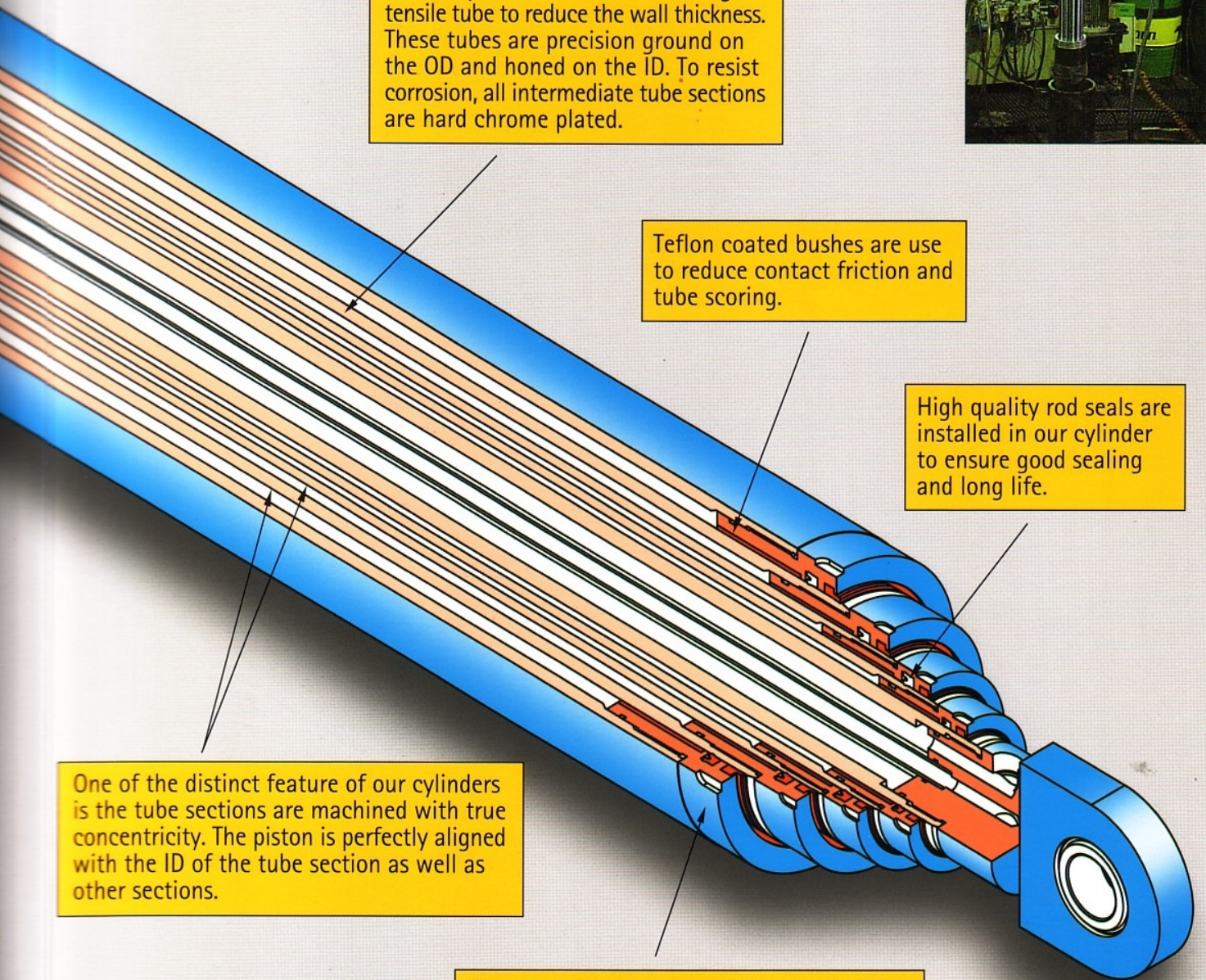


Teflon coated bushes are use to reduce contact friction and tube scoring.

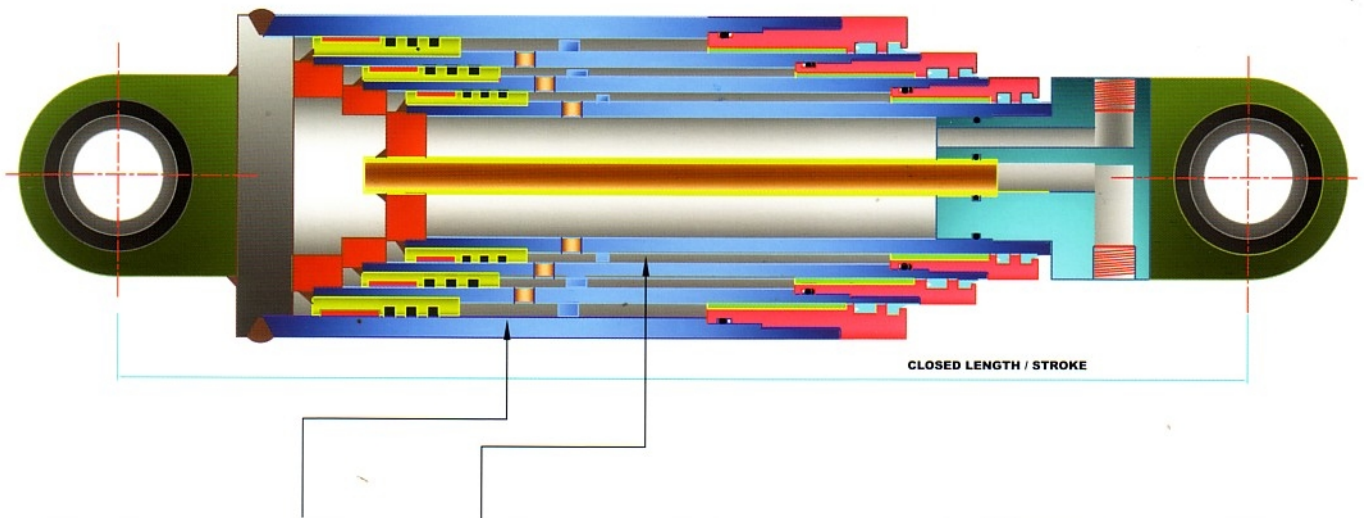
High quality rod seals are installed in our cylinder to ensure good sealing and long life.

One of the distinct feature of our cylinders is the tube sections are machined with true concentricity. The piston is perfectly aligned with the ID of the tube section as well as other sections.

Our gland nuts are made of high tensile steel. You do not need special tool to open the cylinder unlike other maker. We design the cylinder with the flexibility of adding stop tube at ease. No special process involve.



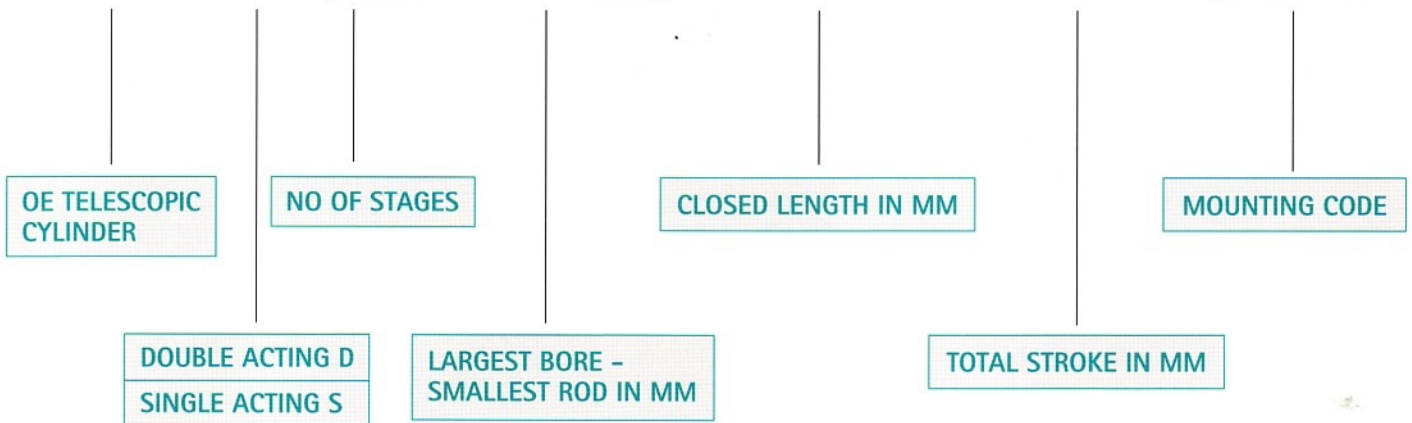
O.E. TELESCOPIC CYLINDER ORDER CODE



No of Stages	Largest Bore	Ram Diameter	Model Code
2	110mm	75mm	2 - 110/075
3	140mm	75mm	3 - 140/075
4	180mm	75mm	4 - 180/075
5	220mm	75mm	5 - 220/075

Code	Mounting Type
MP3	Male Clevis
MP5	Male Clevis With Spherical Bearing
MP1	Female Clevis
MT4	Trunion

OETL - D - 3 - 140/075 - CLXXXX - STYYYY - MP5



Example: OETL-D-3-140/075-CL1208-ST2866-MP5

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