



1 Cylinder rod is of alloy steel machined, heat treated, ground to size and hard chrome plated. The rod is then externally honed to the optimum dimensional tolerance and surface texture, ensuring the best performance of the seals.

2 High performance scraper that keep away mud, dust and other contaminants; enhances seal life and system performance.

3 Bearing rings made of high performance engineered thermoplastic compounds. (PTFE/Bronze, PTFE/Carbon)

- *Avoids metal to metal contact.*
- *High load bearing strength.*
- *Low co-efficient of friction and very high wear resistance.*
- *Damping of mechanical vibrations.*
- *Simple closed groove design ensures easy assembling.*

4 Advanced elastomeric sealing system from the most reputed seal manufacturers of Europe and USA; Selected as per application needs.

5 Cylinder shell is made of cold drawn seamless pipe, honed to the required precision and surface texture. Honing is done only on completion of all other machining process, welding and heat treatment. The dimensional accuracy and surface texture quality is thus maintained, resulting in best seal performance. This is not the case when the cylinder shell is fabricated from a pre-honed pipe.