

INNOVATION
 ELCOMP Bearings



NSK's ELCOMP Bearings for screw compressors in industrial applications are bearings with superior resistance to oil, chemicals, gas & heat while providing significantly longer-life performance.



Product Features

- › High load rating bearings available as cylindrical roller bearings and angular contact ball bearings.
- › Rolling element guided cage.
- › NSK patented cage material: L-PPS linear polyphenylene sulphide (high performance plastic especially developed for screw compressors).

Product Benefits

- › Increased dynamic & static load ratings.
- › Long-life – improved fatigue life.
- › Better oil flow due to cage resin.
- › Enhanced durability in screw compressors.
- › Resistant to oil, chemical & gas in typical screw compressor applications.
- › Greater cage strength at elevated temperatures.
- › Extended maintenance free intervals.

Condition Description:

- High axial & radial loads
- Aggressive gases & oils

Applications:

- › Compressor

