

BEARING SOLUTIONS for pump manufacturers

NBC supplies wide range of bearings for variety of pumps used in various industries like, chemical, textile, power, cement, oil & gas and several others. Bearings are supplied for small, medium and large pumps.

Major operational challenges

- o Noise and vibration
- o Excessive shock loads
- o Moisture and corrosion
- o Tilting moments of the shaft
- o Forward and reverse thrust

Bearing requirements

- o Low noise and low friction
- o Enhanced thrust load capacity
- o Low torque sealed bearings
- o Corrosion resistance
- o Polyamide cage for reverse thrust

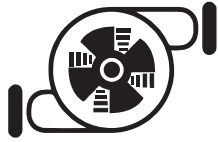
Features and benefits

- o **EM Series bearings** with low noise with optimised clearance.
- o **Special lip seals** for reduced torque and protection against moisture contamination.
- o **Optimized internal** geometry and cage design for better load carrying capacity as well as lubrication flow.
- o **High accuracy** for lower operating temperature.
- o **Grease with rust inhibitors** for corrosion protection.
- o **Bearings for** predominantly thrust load.



Bearing applications

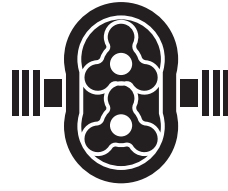
Specially designed bearings are with low friction and noise, efficient sealing and optimized clearances are suitable for different types of pumps.



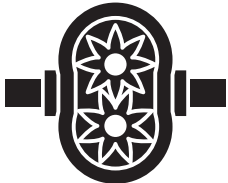
VACUUM PUMP



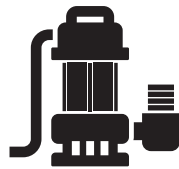
CENTRIFUGAL PUMP



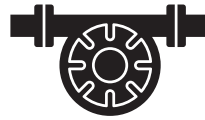
LOBE PUMP



GEAR PUMP



SUMP PUMP



VANE PUMP



Self Aligning Bearing



Deep Groove Ball Bearing



Single Row Angular Contact



Double Row Angular Contact



Spherical Roller Bearing



Cylindrical Roller Bearing



Taper Roller Bearing



Thrust Bearing

