



Oil Impregnated Bearings

Oil impregnated bearings composed of 70-80% of lubricating synthetic oil. Oil is moulded and solidified with polymer to form a casing which acts as a lubricant reservoir throughout bearing's life.

**2 & 3 WHEELERS
STEERING COLUMN**

Features

- ✓ Improved lubrication system with consistent lubricant supply
- ✓ Superior lubricant – synthetic oil
- ✓ Lesser torque due to no churning phase
- ✓ Excellent performance in water and dusty environment due to inherent sealing property
- ✓ Environment-friendly molding process

Benefits

- ✓ Long life and maintenance-free
- ✓ Higher operational reliability
- ✓ No re-lubrication needed
- ✓ More lubricant quantity in the same bearing pocket
- ✓ Increase in load carrying capacity in case of oil impregnated ball cage assembly

Application

- ✓ 2 & 3 wheeler steering column bearing
- ✓ Other Automotive and Industrial applications for oil impregnated bearings

Follow us on:



www.nbcbearings.com



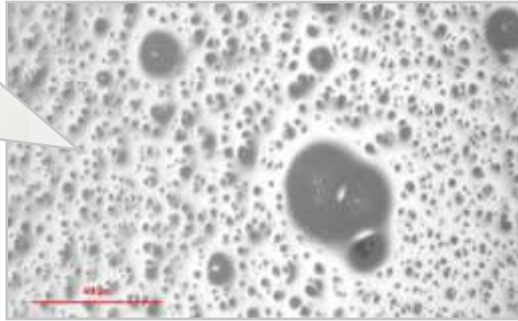
Specifications

- ✓ Oil impregnated bearings can run upto 100°C Max
- ✓ Best suited for oscillation and low to medium speed rotation
- ✓ Upto 70% of synthetic oil in the molded bearing
- ✓ Can be filled in sealed ball bearings and other roller bearings, e.g. tapered, cylindrical and spherical roller bearings

Technical Data



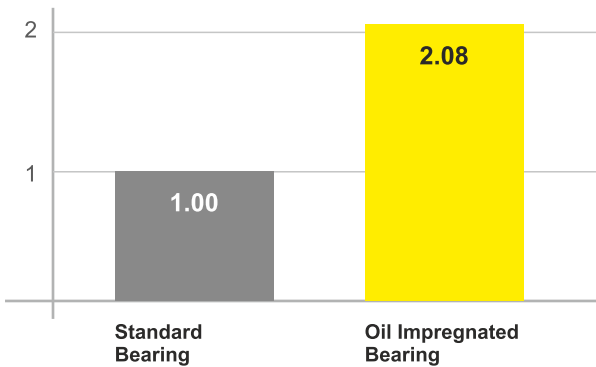
Steering column bearing
for 2-wheelers



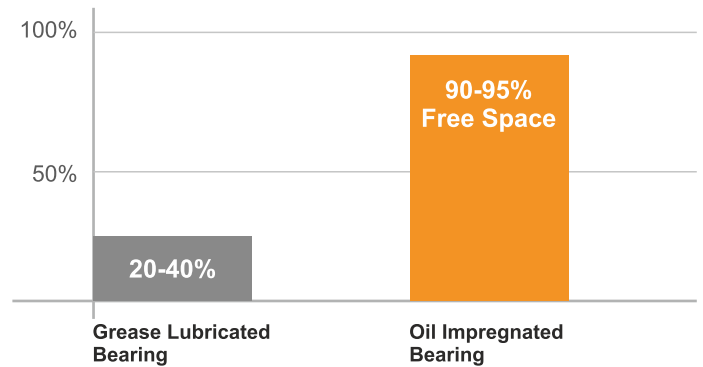
Microstructure with oil droplets



Oil Impregnated Ball Bearing



Service Life Ratio



Lubricant Quantity