

Bearing basics

Sealing solutions

To keep lubricant in and contaminants out of the bearing, SKF supplies bearings capped with integral seals or shields:

- shields (→ **fig. 39**)
- non-contact seals (→ **fig. 40**)
- low-friction seals (→ **fig. 41**)
- contact seals (→ **fig. 42**)

These bearings can provide cost-effective and space-saving solutions for many applications. Capped bearings are available for different bearing types:

- deep groove ball bearings
- angular contact ball bearings
- self-aligning ball bearings
- cylindrical roller bearings
- needle roller bearings
- spherical roller bearings
- CARB toroidal roller bearings
- track runner bearings
- Y-bearings (insert bearings)

Bearings capped on both sides are typically lubricated for the life of the bearing and should not be washed or relubricated. They are filled with the appropriate amount of high-quality grease under clean conditions.

Fig. 39

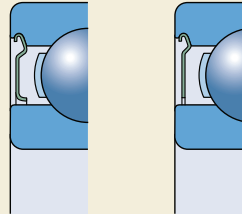


Fig. 40

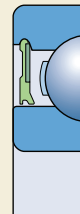


Fig. 41

