

SEALED BEARING

The sealed bearing is divided into two types: dust cover seal and rubber seal. The rubber sealing has more variety, because of the different sealing material, the working condition of the bearing will change. For example, here are several kinds of sealing materials for reference:

Name code	Features	Operating Temperature°C
Nitrile rubber NBR	Oil, wear, heat resistance is good	-40~120
fluororubber FKM	Heat, acid and alkali and chemical, oil resistance is good	-20~200
Silicone Rubber VMQ	Heat resistance, good cold resistance, compression deformation, but poor mechanical strength	-60~230
Polyacrylate rubber ACM	Heat resistance, oil resistance better than NBR, but the water and alkali resistance is not strong	-20~150