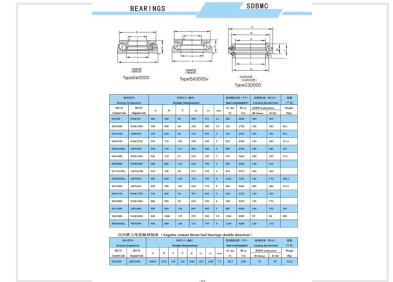


# Rolling Element Bearing

Rolling element bearings facilitate smooth rotation by minimizing friction between moving parts. These bearings are designed to support radial and axial loads in a variety of mechanical applications.



## Overview

### High-Precision Rolling Element Bearings

This range of high-capacity rolling element bearings is engineered for demanding industrial applications requiring precision and durability. Available in multiple configurations including angular contact thrust ball bearings (double direction), these components are designed to withstand significant dynamic and static loads. With standardized boundary dimensions and optimized lubrication limits, they provide reliable performance across diverse mechanical systems.

## Technical Specifications

### Standard Load and Dimension Data

Model	Inner Diam (d)	Outer Diam (D)	Dynamic Load (kN)	Weight (kg)
569196	480	580	402	2.1
5691/500	500	600	352	320
5617/520	520	620	422	30.1
5692/530	530	710	822	111.4
5692/650X1	650	880	1140	190.2

### Available Types

Type560000, Type560000v, Type230000, Angular Contact Thrust Ball Bearing

## Operating Limits

### Limiting Speed Range

**70 r/min**

Minimum Grease Speed

**360 r/min**

Maximum Oil Speed