

Single Row Angular Contact Bearing

Single row angular contact bearings are designed to manage combined loads, providing both axial and radial support. These bearings have a specific contact angle, allowing them to handle significant thrust loads in one direction while maintaining radial stability.



Product Overview

Single Row Angular Contact Ball Bearing

Single row angular contact ball bearings are engineered to handle combined loads, supporting both axial and radial forces simultaneously. These precision-crafted components feature a specific contact angle, making them ideal for high-speed applications requiring exceptional rigidity. Their design ensures uniform load distribution and minimized friction, which contributes to extended operational service life in demanding environments like gearboxes, pumps, and machine tool spindles.

Technical Specifications

Performance Ratings

Model	Dynamic Load (N)	Static Load (N)	Grease Speed (rpm)	Oil Speed (rpm)
7000C	4920	2250	19000	28000
7000AC	4750	2120	19000	28000

Available Models: 7000C, 7000AC

Weight: 0.018 kg

Dimensions

Principal Dimensions

d (mm)	D (mm)	B (mm)	B1 (mm)	r(min) (mm)
10	26	8	0.3	0.15