

Deep Groove Ball Bearings



FAG

World champions in the field of application

Deep groove ball bearings are the most frequently used rolling bearings. They have proven their worth, for instance in electric motors, transmissions, household appliances, automobile engines, rolling stands, motor saws, boring and drilling machines, conveyor plants, ventilators, compressors, inline skates ...

FAG is continuously improving the quality of these bearings, adapting them to the increasing, often very diverse requirements of industry. This also includes that deep groove ball bearings are reasonably priced, available at short notice, and require little maintenance. As a rule, the following applies for all deep groove ball bearings:

By directly implementing the research results in practical application, the internal design of the FAG deep groove ball bearings was continuously perfected. This is shown by the continuously reduced running noise, even that of misaligned bearings, as the cycling conditions were significantly improved. The running noise is also reduced by the improved microstructure and macrostructure of the ball and raceway surfaces.

- **very good value**
- **suitable for extremely high speeds**
- **quiet running**
- **long service life**
- **minimum requirements on lubrication and maintenance**

Delivery programme

Series	Pressed steel cage (without cage suffix) Bore reference number	Polyamide cage (with cage suffix T) Bore reference number	Machined brass cage (with cage suffix M) Bore reference number
60	up to 30, 34		32, from 36
62	up to 30		from 32
63	up to 24		from 26
64	up to 14		from 15
160	up to 52		from 56
161	00, 01		
618	30 up to 56	00 up to 28	from 60
619	up to 48, 56		52, from 60
622	up to 12		
623	up to 10		
630	up to 09		



Standardized variety

FAG manufacture numerous designs in series production. They are easily identified by their suffixes:

- C3 radial clearance larger than normal
- M machined brass cage
- 2RSR seals on both sides
- 2ZR shields on both sides
- W203B stainless steel bearing

