



SKF 6003-2RSHNR

Deep groove ball bearing

Single row deep groove ball bearings are the most widely used bearing type and are particularly versatile. They have low friction and are optimized for low noise and low vibration, which enables high rotational speeds. They can accommodate radial and axial loads in both directions, are easy to mount, and require less maintenance than many other bearing types.

Technical specifications

Dimensions	
Bore diameter	17 mm
Outside diameter	35 mm
Width	10 mm

Performance	
Basic dynamic load rating	6.37 kN
Basic static load rating	3.25 kN
Limiting speed	13000 r/min
SKF performance class	SKF Explorer

Properties	
Filling slots	Without
Number of rows	1
Locating feature, bearing outer ring	Snap ring (fitted)
Bore type	Cylindrical
Cage	Sheet metal
Matched arrangement	No
Radial internal clearance	CN
Material, bearing	Bearing steel
Coating	Without
Sealing	Seal on both sides
Sealing type	Low-friction
Lubricant	Grease
Relubrication feature	Without
Indicative carbon footprint for new product	0.15 kg CO ₂ e

Logistics	
Product net weight	0.041 kg
eClass code	23-05-08-01
UNSPSC code	31171504