

6209-2RS1K



Deep groove ball bearings with tapered bore and contact seals on both sides are particularly versatile, and are optimized for low noise and low vibration, which enables high rotational speeds. They accommodate radial and axial loads in both directions and require less maintenance than many other bearing types. The tapered bore facilitates ease of mounting via adapter sleeves or withdrawal sleeves. The integral sealing can significantly prolong bearing service life because it keeps lubricant in the bearings and contaminants out.

- Ease of mounting via adapter sleeves or withdrawal sleeves
- Integral sealing prolongs bearing service life
- Typical benefits of single row deep groove ball bearings

Dimensions	
Bore diameter	45 mm
Outside diameter	85 mm
Width	19 mm
Performance	
Basic dynamic load rating	35.1 kN
Basic static load rating	21.6 kN
Reference speed	17 000 r/min
Limiting speed	5 000 r/min
Properties	
Filling slots	Without
Number of rows	1
Locating feature, bearing outer ring	None

Bore type	Tapered 1:12
Cage	Sheet metal
Matched arrangement	No
Radial internal clearance	CN
Material, bearing	Bearing steel
Coating	Without
Sealing	Seal on both sides
Sealing type	Contact
Lubricant	Grease
Relubrication feature	Without
Logistics	
Product net weight	0.415 kg
eClass code	23-05-08-01
UNSPSC code	31171504