



SKF 6208-2RS1K

Deep groove ball bearing with tapered bore and seals on both sides

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.

Technical specifications

Dimensions	
Bore diameter	40 mm
Outside diameter	80 mm
Width	18 mm

Performance	
Basic dynamic load rating	32.5 kN
Basic static load rating	19 kN
Reference speed	18000 r/min
Limiting speed	5600 r/min

Properties	
Filling slots	Without
Number of rows	1
Locating feature, bearing outer ring	Without
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
Indicative carbon footprint for new product	1.3 kg CO ₂

Logistics	
Product net weight	0.362 kg
eClass code	23-05-08-01
UNSPSC code	31171504