



SKF 3310 ANR

Double row angular contact ball bearing

Double row angular contact ball bearings correspond, in their design and operation, to a pair of single row angular contact ball bearings in a back-to-back arrangement, while requiring less axial space, and are particularly suitable in applications where a stiff bearing arrangement is required. They can accommodate radial loads, axial loads in either direction and tilting moments. They can operate at very high speeds and are more suitable than deep groove ball bearings for supporting large axial forces.

Technical specifications

Dimensions	
Bore diameter	50 mm
Outside diameter	110 mm
Width	44.4 mm
Contact angle	30 °

Performance	
Basic dynamic load rating	95 kN
Basic static load rating	69.5 kN
Reference speed	6000 r/min
Limiting speed	6000 r/min
SKF performance class	SKF Explorer

Properties	
Contact type	Normal contact (two-point contact)
Number of rows	2
Locating feature, bearing outer ring	Snap ring (fitted)
Ring type	One-piece inner and outer rings
Cage	Sheet metal
Arrangement of contact angle (double-row bearing)	Back-to-back (O)
Matched arrangement	No
Universal matching bearing	No
Axial internal clearance	CN
Material, bearing	Bearing steel
Coating	Without
Sealing	Without
Lubricant	None
Relubrication feature	Without
Indicative carbon footprint for new product	6.2 kg CO ₂ e

Logistics	
Product net weight	1.73 kg
eClass code	23-05-08-03
UNSPSC code	31171531