

2316/C3

Self-aligning ball bearings

Self-aligning ball bearings have two rows of balls, a common sphered raceway in the outer ring and two deep uninterrupted raceway grooves in the inner ring. They are insensitive to angular misalignment of the shaft relative to the housing, which can be caused, for example, by shaft deflection.

- Accommodate static and dynamic misalignment
- Excellent high-speed performance
- Excellent light load performance
- Low friction

FEEDBACK

Product information

Dimensions

Bore diameter	80 mm
Outside diameter	170 mm
Width	58 mm

Performance

Basic dynamic load rating	135 kN
Basic static load rating	49 kN
Reference speed	7000 r/min
Limiting speed	5300 r/min

Properties

Retaining feature, inner ring	None
Locating feature, bearing outer ring	None
Number of rows	2
Bore type	Cylindrical
Cage	Sheet metal
Radial internal clearance	C3
Tolerance class	Normal
Material, bearing	Bearing steel
Coating	Without
Sealing	Without
Lubricant	None
Relubrication feature	Without
Indicative product carbon footprint to manufacture	20.8 kg CO₂e

Logistics

EAN code	07316570054866
Pack code	12
Products per pack	1
Collecting pack quantity	1
Products per pallet	70
Pack gross weight	5.85 kg
Pack length	174 mm
Pack height	176 mm
Pack width	62 mm
Pack volume	1.899 dm^3
Product net weight	5.77 kg
eClass code	23-05-08-06
UNSPSC code	31171532

FEEDBACK