



SKF NU 336 ECM

Single row cylindrical roller bearing, NU design

Single row cylindrical roller bearings are designed to accommodate high radial loads in combination with high speeds. Having two integral flanges on the outer ring and no flanges on the inner ring, NU design bearings can accommodate axial displacement in both directions. An important feature is the separable design, which facilitates mounting and enables the bearing components to be interchanged.

Technical specifications

Dimensions	
Bore diameter	180 mm
Outside diameter	380 mm
Width	75 mm
Shoulder diameter of outer ring	318.85 mm
Raceway diameter of inner ring	231 mm
Chamfer dimension	4 mm
Chamfer dimension	4 mm
Permissible axial displacement	4.2 mm

Abutment dimensions	
Diameter of spacer sleeve	197 mm
Diameter of spacer sleeve	226 mm
Diameter of shaft abutment	234 mm
Diameter of housing abutment	361.3 mm
Radius of fillet	3 mm
Radius of fillet	3 mm

Calculation data	
Basic dynamic load rating	1020 kN
Basic static load rating	1290 kN
Fatigue load limit	125 kN
Reference speed	1600 r/min
Limiting speed	2200 r/min
Minimum load factor	0.15
Limiting value	0.2
Calculation factor	0.6

Performance	
Basic dynamic load rating	1020 kN
Basic static load rating	1290 kN
Reference speed	1600 r/min
Limiting speed	2200 r/min

Properties	
Bearing part	Complete bearing
Axial displacement capability	In both directions
Number of rows	1
Locating feature, bearing outer ring	Without
Bore type	Cylindrical
Cage	Machined brass
Number of flanges, outer ring	2
Number of flanges, inner ring	0
Loose flange	None
Radial internal clearance	CN
Tolerance class	Normal
Coating	Without
Sealing	Without

Lubricant	None
Relubrication feature	Without
Candidate for remanufacturing	Yes
Indicative carbon footprint for new product	154 kg CO ₂ e
Indicative carbon footprint for remanufactured product	53.8 kg CO ₂ e

Logistics	
Product net weight	42.7 kg
eClass code	23-05-09-01
UNSPSC code	31171505

SKF drawings