



SKF NU 1026 ML

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	130 mm
Outside diameter	200 mm
Width	33 mm
Shoulder diameter of outer ring	175.2 mm
Raceway diameter of inner ring	148 mm
Chamfer dimension	2 mm
Chamfer dimension	1.1 mm
Permissible axial displacement	4.7 mm

Abutment dimensions	
Diameter of spacer sleeve	137 mm
Diameter of spacer sleeve	145 mm
Diameter of shaft abutment	151 mm
Diameter of housing abutment	191 mm
Radius of fillet	2 mm
Radius of fillet	1 mm

Calculation data	
SKF performance class	SKF Explorer
Basic dynamic load rating	186 kN
Basic static load rating	224 kN
Fatigue load limit	25 kN
Reference speed	3800 r/min
Limiting speed	5600 r/min
Minimum load factor	0.15
Limiting value	0.2
Calculation factor	0.6

Performance	
Basic dynamic load rating	186 kN
Basic static load rating	224 kN
Reference speed	3800 r/min
Limiting speed	5600 r/min
SKF performance class	SKF Explorer

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
Indicative carbon footprint for new product	13.4 kg CO ₂ e

Logistics	
Product net weight	3.72 kg
eClass code	23-05-09-01
UNSPSC code	31171505

SKF drawings