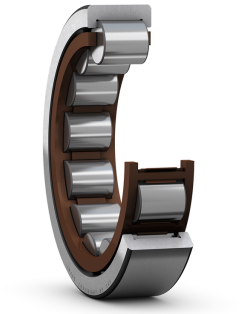

SKF RNU 202 ECP

Single row cylindrical roller bearing, NU design, without inner ring

Single row cylindrical roller bearings of the NU design without an inner ring consist of an outer ring with a roller and cage assembly. They are typically used in applications where hardened and ground raceways are provided on the shaft. Without the inner ring, a larger shaft diameter can be used to provide a stronger, stiffer shaft. The bearings can accommodate axial displacement in both directions, limited only by the width of the raceway on the shaft.

Technical specifications

Dimensions	
Diameter under rollers	19.3 mm
Outside diameter	35 mm
Width	11 mm
Shoulder diameter outer ring	27.7 mm
Corner radius	0.6 mm

Abutment dimensions	
Abutment diameter shaft	21.9 mm
Abutment diameter housing	31.3 mm
Fillet radius	0.6 mm

Calculation data	
Basic dynamic load rating	12.5 kN
Basic static load rating	10.2 kN
Fatigue load limit	1.22 kN
Reference speed	22000 r/min
Limiting speed	26000 r/min
Calculation factor	0.15
Limiting value	0.2
Calculation factor	0.6

Performance	
Basic dynamic load rating	12.5 kN
Basic static load rating	10.2 kN
Reference speed	22000 r/min
Limiting speed	26000 r/min

Properties	
Bearing part	Bearing without inner ring
Number of rows	1
Locating feature, bearing outer ring	Without
Bore type	Cylindrical
Cage	Non-metallic
Number of flanges, outer ring	2
Loose flange	None
Tolerance class	Normal
Coating	Without
Sealing	Without
Lubricant	None
Relubrication feature	Without
Indicative carbon footprint for new product	0.14 kg CO₂e

Logistics	
Product net weight	0.038 kg
eClass code	23-05-09-01
UNSPSC code	31171505

SKF drawings