



SKF RNA 6913

Double row needle roller bearing with machined rings, with flanges, without an inner ring

Double row needle roller bearings without an inner ring consist of an outer ring with two needle roller and cage assemblies. They are an excellent choice for compact bearing arrangements in applications where hardened and ground raceways can be provided on the shaft. The outer ring includes flanges to guide the roller and cage assemblies and has features to facilitate relubrication. The roller and cage assemblies and the outer ring form a non-separable unit.

Technical specifications

Dimensions	
Diameter under rollers	72 mm
Outside diameter	90 mm
Width	45 mm
Chamfer dimension outer ring	1 mm
Bore diameter of needle roller complement	72 mm

Abutment dimensions	
Diameter of housing abutment	85 mm
Fillet radius	1 mm

Calculation data	
SKF performance class	SKF Explorer
Basic dynamic load rating	110 kN
Basic static load rating	212 kN
Fatigue load limit	27 kN
Reference speed	5600 r/min
Limiting speed	6300 r/min

Associated seals	
Radial shaft seal	72x90x10 HMS5 RG

Performance	
Basic dynamic load rating	110 kN
Basic static load rating	212 kN
Reference speed	5600 r/min
Limiting speed	6300 r/min
SKF performance class	SKF Explorer

Properties	
Bearing part	Bearing without inner ring
Number of rows	2
Outer ring type	Machined (solid)
Aligning feature	Without
Cage	Sheet steel
Number of flanges, outer ring	3
Tolerance class	Normal
Material, bearing	Bearing steel
Coating	Without
Sealing	Without
Lubricant	None
Relubrication feature	With
Indicative carbon footprint for new product	2.1 kg CO ₂

Logistics	
Product net weight	0.58 kg
eClass code	23-05-09-03
UNSPSC code	31171512

SKF drawings

