



SKF RNA 6911

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	63 mm
Outside diameter	80 mm
Width	45 mm
Chamfer dimension outer ring	1 mm
Bore diameter of needle roller complement	63 mm

Abutment dimensions	
Diameter of housing abutment	75 mm
Fillet radius	1 mm

Calculation data	
SKF performance class	SKF Explorer
Basic dynamic load rating	104 kN
Basic static load rating	190 kN
Fatigue load limit	24 kN
Reference speed	6300 r/min
Limiting speed	7000 r/min

Associated seals	
Radial shaft seal	63x80x8 CRW1 R

Performance	
Basic dynamic load rating	104 kN
Basic static load rating	190 kN
Reference speed	6300 r/min
Limiting speed	7000 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	1.7 kg CO ₂ e

Logistics	
Product net weight	0.47 kg
eClass code	23-05-09-03
UNSPSC code	31171512

SKF drawings



