



SKF HK 6032

Drawn cup needle roller bearing with open ends

Drawn cup needle roller bearings are typically used in applications where the housing bore cannot be used as a raceway for a needle roller and cage assembly, but where a very compact and economical bearing arrangement is required. Owing to their large number of rollers, the bearings have a high load carrying capacity and stiffness.

Technical specifications

Dimensions	
Diameter under rollers	60 mm
Outside diameter	68 mm
Width	32 mm
Chamfer dimension drawn cup (outer ring)	0.8 mm
Bore diameter of needle roller complement	60 mm

Calculation data	
Basic dynamic load rating	51.2 kN
Basic static load rating	137 kN
Fatigue load limit	17 kN
Reference speed	4300 r/min
Limiting speed	4800 r/min

Performance	
Basic dynamic load rating	51.2 kN
Basic static load rating	137 kN
Reference speed	4300 r/min
Limiting speed	4800 r/min

Properties	
Bearing part	Bearing without inner ring
Number of rows	1
Outer ring type	Drawn cup with open ends
Aligning feature	Without
Cage	Sheet steel
Number of flanges, outer ring	2
Tolerance class	Normal
Material, bearing	Bearing steel
Coating	Without
Sealing	Without
Lubricant	None
Relubrication feature	Without
Indicative carbon footprint for new product	0.48 kg CO ₂ e

Logistics	
Product net weight	0.134 kg
eClass code	23-05-09-03
UNSPSC code	31171512

SKF drawings

