

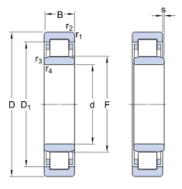


NU 209 ECM

Popular item SKF Explorer Cylindrical roller bearings, single row

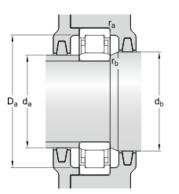
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

Technical specification





d	45 mm
D	85 mm
В	19 mm
D ₁	≈ 72.47 mm
F	54.5 mm
r _{1,2}	min. 1.1 mm
r _{3,4}	min. 1.1 mm
S	max. 1.2 mm



ABUTMENT DIMENSIONS

d _a	min. 52 mm
d _a	max. 53 mm
d _b	min. 56 mm
D _a	max. 77.6 mm
r _a	max. 1 mm
r _b	max. 1 mm



CALCULATION DATA

Basic dynamic load rating	С	69.5 kN
Basic static load rating	CO	64 kN
Fatigue load limit	Pu	8.15 kN
Reference speed		9000 r/min
Limiting speed		9500 r/min
Calculation factor	k _r	0.15
Limiting value	е	0.2
Axial load factor	Y	0.6

MASS

Mass bearing	0.5 kg
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ASSOCIATED PRODUCTS

Angle ring	HJ 209 EC
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More information

Product details	Product details	Engineering in	n forn Eanlaigianneering ir	nformTætøken	Tools		
Designs and variants	Designs and variants	Principles of rolling	Principles of rolling	SimPro Quick	SimPro Quick		
Bearing data	Bearing data	bearing bearing bearing bearing bearing bearing bearing bearing k bearing k bearing bearing bearing selection bearing selection bearing bearin	bearing bearing selection -selection General General bearing k bearing k	Bearing Select Engineer ing Calcul ator	Bearing Select Engineer		
Loads	Loads Tempera				ing Calcul ator		
ture	ture		5	selection	selection select	Bearing selection process	ection ct for SKF
Permissi ble speed	Permissi ble speed	Bearing failure	Bearing failure	Heater selection	Heater selection		
Design c onsiderati ons Designati on system	Design c onsiderati ons Designati on system	and how to prevent it	to to	tool Oil Injection Method Program Rolling bearings mounting and dism ounting i	tool Oil Injection Method Program Rolling bearings mounting and dism ounting i		
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