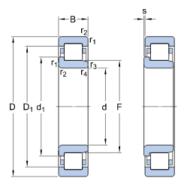


Technical specification



NJ 312 ECM

Popular item SKF Explorer Cylindrical roller bearings, single row

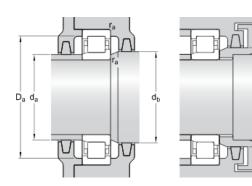
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

DIMENSIONS

d	60 mm
D	130 mm
В	31 mm
d ₁	≈ 84.3 mm
D ₁	≈ 108.6 mm
F	77 mm
r _{1,2}	min. 2.1 mm
r _{3,4}	min. 2.1 mm
S	max. 2.1 mm



d _a	min. 72 mm
d _a	max. 74 mm
d _b	min. 87 mm
D _a	max. 118.1 mm
r _a	max. 2 mm



d

CALCULATION DATA

Basic dynamic load rating	С	173 kN
Basic static load rating	C ₀	160 kN
Fatigue load limit	P _u	21.2 kN
Reference speed		5600 r/min
Limiting speed		6700 r/min
Calculation factor	k _r	0.15
Limiting value	е	0.2
Axial load factor	Y	0.6

MASS

Mass bearing2.18 kg

ASSOCIATED PRODUCTS

Angle ring	HJ 312 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 -selection General bearing k nowledge Bearing selection	bearing bear selection -selection General Ger bearing k bear nowledge now Bearing Bear selection selection	bearing -selection General	Bearing Select Engineer	Bearing Select Engineer	
Loads	Loads Tempera				bearing k nowledge	ing Calcul ator	ing Calcul ator
ture	ture			Bearing selection process	LubeSele ct for SKF greases	LubeSele ct for SKF greases	
Permissi ble speed	Permissi ble speed	Bearing failure	Bearing Bearing ailure failure	ng Heater selection w tool Oil	Heater selection		
Design c onsiderati ons Designati on system	Design c onsiderati ons Designati on system	and how and how to to prevent it prevent i			tool Oil Injection Method Program Rolling bearings mounting and dism ounting i		
				<u>nstruc</u> tio ns	<u>nstruc</u> tio		



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