

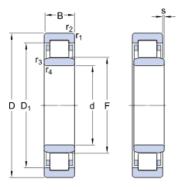


NU 317 ECM

Popular item SKF Explorer Cylindrical roller bearings, single row

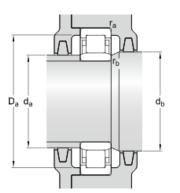
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

Technical specification





d	85 mm
D	180 mm
В	41 mm
D ₁	≈ 151.4 mm
F	108 mm
r _{1,2}	min. 3 mm
r _{3,4}	min. 3 mm
S	max. 2.3 mm



ABUTMENT DIMENSIONS

d _a	min. 99 mm
d _a	max. 105 mm
d _b	min. 111 mm
D _a	max. 165.5 mm
r _a	max. 2.5 mm
r _b	max. 2.5 mm



CALCULATION DATA

Basic dynamic load rating	С	340 kN
Basic static load rating	C ₀	335 kN
Fatigue load limit	Pu	41.5 kN
Reference speed		4000 r/min
Limiting speed		4800 r/min
Calculation factor	k _r	0.15
Limiting value	е	0.2
Axial load factor	Υ	0.6

MASS

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ASSOCIATED PRODUCTS

Angle ring	HJ 317 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 bea selectionselec General General bearing k bea	bearing -selection General	Bearing Select Engineer	Bearing Select Engineer
Loads	Loads Tempera		-	ing Calcul ator	ing Calcul ator
ture	ture	selection		LubeSele ct for SKF greases	LubeSele ct for SKF greases
Permissi ble speed	Permissi ble speed	Bearing failure		Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i	Heater selection
Design c onsiderati ons Designati on system	Design c onsiderati ons Designati on system	to			tool Oil Injection Method Program Rolling bearings mounting and dism ounting i
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