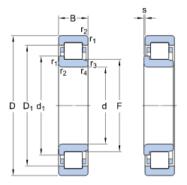


Technical specification



NJ 306 ECM

Cylindrical roller bearings, single row

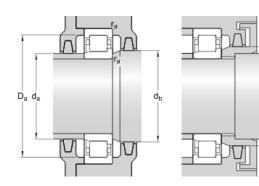
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

DIMENSIONS

d	30 mm
D	72 mm
В	19 mm
d ₁	≈ 45 mm
D ₁	≈ 58.35 mm
F	40.5 mm
r _{1,2}	min. 1.1 mm
r _{3,4}	min. 1.1 mm
S	max. 1.4 mm

ABUTMENT DIMENSIONS

d _a	min. 37 mm
d _a	max. 39 mm
d _b	min. 47 mm
D _a	max. 65.1 mm
r _a	max. 1 mm



d

5KF•

CALCULATION DATA

Basic dynamic load rating	С	58.5 kN
Basic static load rating	C _O	48 kN
Fatigue load limit	Pu	6.2 kN
Reference speed		11000 r/min
Limiting speed		12000 r/min
Calculation factor	k _r	0.15
Limiting value	e	0.2
Axial load factor	Y	0.6

MASS

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ASSOCIATED PRODUCTS

Angle ring	HJ 306 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 process Bearing failure	ring bearing ection -selection neral General ring k bearing k	Bearing Select Engineer	Bearing Select Engineer
Loads	Loads Tempera			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		BearingBearingfailurefailureand howand how	Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i	Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i
Design c onsiderati ons Designati on system	Design c onsiderati ons Designati on system	to			
				<u>nstruc</u> tio ns	<u>nstruc</u> tio



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