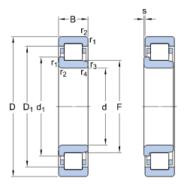


NJ 207 ECPH

Cylindrical roller bearings, single row

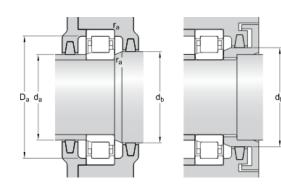
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

Technical specification



DIMENSIONS

d	35 mm
D	72 mm
В	17 mm
d ₁	≈ 48.1 mm
D ₁	≈ 60.33 mm
F	44 mm
r _{1,2}	min. 1.1 mm
r _{3,4}	min. 0.6 mm
S	max. 1.3 mm



ABUTMENT DIMENSIONS

d _a	min. 41.8 mm
d _a	max. 42.2 mm
d _b	min. 50 mm
D _a	max. 65.1 mm
r _a	max. 1 mm



CALCULATION DATA

Basic dynamic load rating	С	56 kN
Basic static load rating	CO	48 kN
Fatigue load limit	Pu	6.1 kN
Reference speed		11000 r/min
Limiting speed		12000 r/min
Calculation factor	k _r	0.15
Limiting value	е	0.2
Axial load factor	Y	0.6

MASS

Mass bearing 0.3 kg

ASSOCIATED PRODUCTS

Angle ring	HJ 207 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 -selection General	bearing -selection General	bearing -selection	bearing -selection General	Bearing Select Engineer	Bearing Select Engineer
Loads	Loads Tempera		nowledge nowledge Bearing Bearing selection selection	ing Calcul ator	ing Calcul ator			
ture	ture			LubeSele ct for SKF greases	LubeSele ct for SKF greases			
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		tool Oil Injection Method Program Rolling bearings mounting and dism ounting 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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