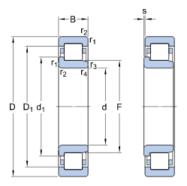


Technical specification



NJ 2305 ECML

Cylindrical roller bearings, single row

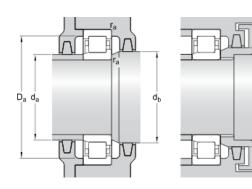
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

DIMENSIONS

d	25 mm
D	62 mm
В	24 mm
d ₁	≈ 38.1 mm
D ₁	≈ 50.65 mm
F	34 mm
r _{1,2}	min. 1.1 mm
r _{3,4}	min. 1.1 mm
S	max. 2.3 mm

ABUTMENT DIMENSIONS

d _a	min. 31 mm
d _a	max. 32.5 mm
d _b	min. 40 mm
D _a	max. 54.9 mm
r _a	max. 1 mm



d

SKF

CALCULATION DATA

Basic dynamic load rating	С	64 kN
Basic static load rating	C ₀	55 kN
Fatigue load limit	P _u	6.95 kN
Reference speed		12000 r/min
Limiting speed		22000 r/min
Calculation factor	k _r	0.38
Limiting value	е	0.3
Axial load factor	Y	0.4

MASS

Mass bearing	0.39 kg
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ASSOCIATED PRODUCTS

Angle ring	HJ 2305 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 General	bearing -selection General	bearing -selection General	bearing -selection - General	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	Bearing selection process	LubeSele ct for SKF greases	LubeSele ct for SKF greases				
Permissi ble speed	Permissi ble speed	Bearing Bea failure failu and how and to to	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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