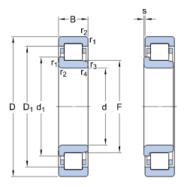


Technical specification



NJ 228 ECML

Cylindrical roller bearings, single row

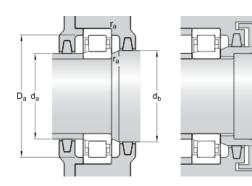
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

DIMENSIONS

d	140 mm
D	250 mm
В	42 mm
d ₁	≈ 179 mm
D ₁	≈ 216.7 mm
F	169 mm
r _{1,2}	min. 3 mm
r _{3,4}	min. 3 mm
S	max. 2.5 mm

ABUTMENT DIMENSIONS

d _a	min. 154 mm
d _a	max. 165 mm
d _b	min. 182 mm
D _a	max. 235 mm
r _a	max. 2.5 mm



d

CALCULATION DATA

Basic dynamic load rating	С	450 kN
Basic static load rating	C ₀	510 kN
Fatigue load limit	P _u	57 kN
Reference speed		2800 r/min
Limiting speed		4800 r/min
Calculation factor	k _r	0.23
Limiting value	e	0.2
Axial load factor	Y	0.6

MASS

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ASSOCIATED PRODUCTS

Angle ring	HJ 228 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	of rolling of rolling bearing bearing -selection -selection General General bearing k bearing k nowledge nowledge	aring bearing Bearing ection selection Select neral General	Bearing Select Engineer	
Loads	Loads Tempera			Engineer ing Calcul ator	ing Calcul ator
ture	TemperaBearingtureBearinglimitsselectionPermissiprocessble speedfailureand howfailureDesign ctoonsideratiprevent itOnsystem	Bearing selection process	LubeSele ct for SKF greases	LubeSele ct for SKF greases	
Permissi ble speed		Bearing failure	BearingBearingfailurefailureand howand howtoto	Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i	Heater selection
Design c onsiderati ons Designati on system		to			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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