SKF.

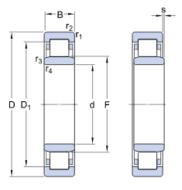


NU 218 ECM

Popular item SKF Explorer Cylindrical roller bearings, single row

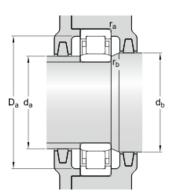
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

Technical specification



DIMENSIONS

d	90 mm
D	160 mm
В	30 mm
D ₁	≈ 138.45 mm
F	107 mm
r _{1,2}	min. 2 mm
r _{3,4}	min. 2 mm
S	max. 1.8 mm



ABUTMENT DIMENSIONS

d _a	min. 101 mm
d _a	max. 104 mm
d _b	min. 110 mm
D _a	max. 149 mm
r _a	max. 2 mm
r _b	max. 2 mm



CALCULATION DATA

Basic dynamic load rating	С	208 kN
Basic static load rating	C ₀	220 kN
Fatigue load limit	Pu	27 kN
Reference speed		4500 r/min
Limiting speed		5000 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 218 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 bearing selection General General bearing k bearing k nowledge nowledge Bearing Bearing selection selection process process Bearing Bearing failure failure	bearingbearing-selection-selectionGeneralGeneralbearing kbearing k	Bearing Select Engineer	Bearing Select Engineer
Loads	Loads Tempera			ing Calcul ator	ing Calcul ator
ture	ture		LubeSele ct for SKF greases	LubeSele ct for SKF greases	
Permissi ble speed	Permissi ble speed failur and h Design c to		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					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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