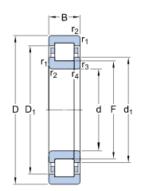
SKF•



Technical specification



NUP 313 ECP

Popular item SKF Explorer Cylindrical roller bearings, single row

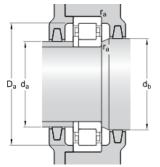
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

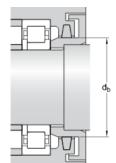
DIMENSIONS

d	65 mm
D	140 mm
В	33 mm
d ₁	≈ 90.5 mm
D ₁	≈ 117.5 mm
F	82.5 mm
r _{1,2}	min. 2.1 mm
r _{3,4}	min. 2.1 mm

ABUTMENT DIMENSIONS

d _a	min. 77 mm
d _b	min. 93 mm
D _a	max. 127.8 mm
r _a	max. 2 mm







CALCULATION DATA

Basic dynamic load rating	С	212 kN
Basic static load rating	C ₀	196 kN
Fatigue load limit	P _u	25.5 kN
Reference speed		5300 r/min
Limiting speed		6000 r/min
Calculation factor	k _r	0.15
Limiting value	е	0.2
Axial load factor	Y	0.6

MASS

Mass bearing	2.35 kg
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More information

Product details	Product details	Engineering in	n forn Eanlaigionneering 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 and how to prevent it	bearing bearing selection selection General General bearing k bearing nowledge nowledge Bearing Bearing selection selection	bearing -selection General	bearing Bearing selection Select General Encircor	Bearing Select Engineer	
Loads	Loads Tempera			nowledge r Bearing selection s		Engineer 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 howtoto	Heater selection	Heater selection		
Design c onsiderati ons Designati on system	Design c onsiderati ons Designati on system			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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