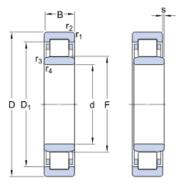
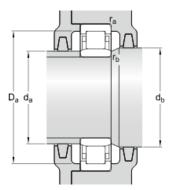


Technical specification





NU 307 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	35 mm
D	80 mm
В	21 mm
D ₁	≈ 65.8 mm
F	46.2 mm
r _{1,2}	min. 1.5 mm
r _{3,4}	min. 1.1 mm
S	max. 1.2 mm

ABUTMENT DIMENSIONS

d _a	min. 42 mm
d _a	max. 44 mm
d _b	min. 48 mm
D _a	max. 72.2 mm
r _a	max. 1.5 mm
r _b	max. 1 mm



CALCULATION DATA

Basic dynamic load rating	С	75 kN
Basic static load rating	C ₀	63 kN
Fatigue load limit	P _u	8.15 kN
Reference speed		9500 r/min
Limiting speed		11000 r/min
Calculation factor	k _r	0.15
Limiting value	е	0.2
Axial load factor	Υ	0.6

MASS

	Mass bearing	0.47 kg
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ASSOCIATED PRODUCTS

Angle ring	HJ 307 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 process	bearing -selection General	earing Bearing Select eneral Engineer earing k ing Calcul ator earing LubeSele election ct for SKF	Bearing Select Engineer
Loads	Loads Tempera		bearing k nowledge Bearing selection process		ing Calcul ator
ture	ture				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	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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