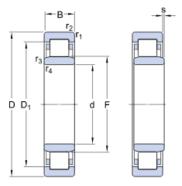
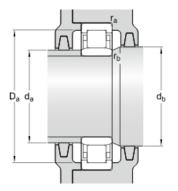
# SKF.



# Technical specification





# NU 308 ECJ

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	40 mm
u	40 11111
D	90 mm
В	23 mm
$D_1$	≈ 75.18 mm
F	52 mm
r <sub>1,2</sub>	min. 1.5 mm
r <sub>3,4</sub>	min. 1.5 mm
S	max. 1.4 mm

## ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 48 mm
d <sub>a</sub>	max. 50 mm
d <sub>b</sub>	min. 54 mm
D <sub>a</sub>	max. 81.8 mm
r <sub>a</sub>	max. 1.5 mm
r <sub>b</sub>	max. 1.5 mm



### CALCULATION DATA

Basic dynamic load rating	С	93 kN
Basic static load rating	C <sub>0</sub>	78 kN
Fatigue load limit	P <sub>u</sub>	10.2 kN
Reference speed		8000 r/min
Limiting speed		9500 r/min
Calculation factor	k <sub>r</sub>	0.15
Limiting value	е	0.2
Axial load factor	Y	0.6

#### MASS

Mass bearing U.67 kg	Mass bearing	0.67 kg
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## ASSOCIATED PRODUCTS

Angle ring	HJ 308 EC
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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 bearing -selection -selection General General bearing k bearing k nowledge nowledge Bearing Bearing selection selection process process	bearing -selection General	Bearing Select	Bearing Select Engineer
Loads	Loads Tempera			Engineer ing Calcul ator	ing Calcul ator
ture	ture		LubeSele ct for SKF greases	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	to	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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