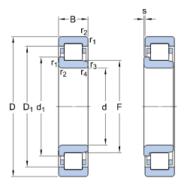


## Technical specification



# NJ 2208 ECML

Cylindrical roller bearings, single row

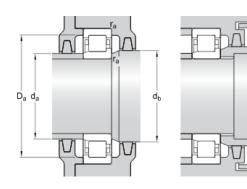
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

#### DIMENSIONS

d	40 mm
D	80 mm
В	23 mm
d <sub>1</sub>	≈ 54 mm
D <sub>1</sub>	≈ 67.9 mm
F	49.5 mm
r <sub>1,2</sub>	min. 1.1 mm
r <sub>3,4</sub>	min. 1.1 mm
S	max. 1.9 mm

## ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 47 mm
d <sub>a</sub>	max. 48 mm
d <sub>b</sub>	min. 56 mm
D <sub>a</sub>	max. 72.8 mm
r <sub>a</sub>	max. 1 mm



d



### CALCULATION DATA

Basic dynamic load rating	С	81.5 kN
Basic static load rating	C <sub>O</sub>	75 kN
Fatigue load limit	Pu	9.65 kN
Reference speed		9500 r/min
Limiting speed		16000 r/min
Calculation factor	k <sub>r</sub>	0.3
Limiting value	е	0.3
Axial load factor	Y	0.4

#### MASS

Mass bearing 0.57
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## ASSOCIATED PRODUCTS

Angle ring	HJ 2208 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 bea selection selection General Ge bearing k bea nowledge now Bearing Bea selection selection	bearing bearing selection –selection	Bearing Select	Bearing Select Engineer
Loads	Loads Tempera		bearing k nowledge	ing Coloul	ing Calcul ator
ture	ture limits Permissi ble speed Design c		Bearing selection process	LubeSele ct for SKF greases	LubeSele ct for SKF greases
Permissi ble speed		Bearing failure	Bearing failure	Heater selection	Heater selection
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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