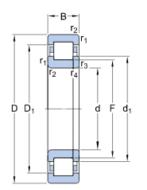


## Technical specification



# NUP 2317 ECML

Cylindrical roller bearings, single row

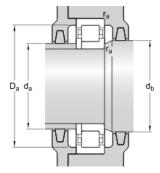
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

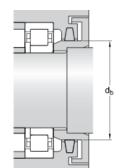
#### DIMENSIONS

d	85 mm
D	180 mm
В	60 mm
d <sub>1</sub>	≈ 117 mm
$D_1$	≈ 152.2 mm
F	108 mm
r <sub>1,2</sub>	min. 3 mm
r <sub>3,4</sub>	min. 3 mm

## ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 99 mm
d <sub>b</sub>	min. 120 mm
D <sub>a</sub>	max. 165.5 mm
r <sub>a</sub>	max. 2.5 mm







### CALCULATION DATA

Basic dynamic load rating	С	455 kN
Basic static load rating	CO	490 kN
Fatigue load limit	P <sub>u</sub>	60 kN
Reference speed		4000 r/min
Limiting speed		7000 r/min
Calculation factor	k <sub>r</sub>	0.38
Limiting value	е	0.3
Axial load factor	Υ	0.4

### MASS

Mass bearing	7.85 kg
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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 failure and how to prevent it	bearing selection General bearing k nowledge Bearing selection	bearing selection General bearing k nowledge Bearing selection	bearing -selection General bearing k	bearing bearing -selection -selection General Genera	bearing -selection General	Bearing Select	Bearing Select Engineer
Loads	Loads Tempera						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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