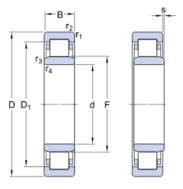
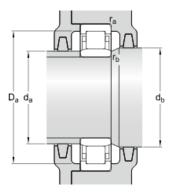


## Technical specification





# NU 216 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	80 mm
D	140 mm
В	26 mm
D <sub>1</sub>	≈ 122.4 mm
F	95.3 mm
r <sub>1,2</sub>	min. 2 mm
r <sub>3,4</sub>	min. 2 mm
S	max. 1.4 mm

### ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 90 mm
d <sub>a</sub>	max. 93 mm
d <sub>b</sub>	min. 98 mm
D <sub>a</sub>	max. 129.8 mm
r <sub>a</sub>	max. 2 mm
r <sub>b</sub>	max. 2 mm



### CALCULATION DATA

Basic dynamic load rating	С	160 kN
Basic static load rating	C <sub>0</sub>	166 kN
Fatigue load limit	Pu	21.2 kN
Reference speed		5300 r/min
Limiting speed		8500 r/min
Calculation factor	k <sub>r</sub>	0.23
Limiting value	e	0.2
Axial load factor	Y	0.6

#### MASS

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## ASSOCIATED PRODUCTS

Angle ring	HJ 216 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	aring bearing bearing	Bearing Select	Bearing Select Engineer	
Loads	Loads Tempera			Engineer ing Calcul ator	ing Calcul ator
ture	e ture Bearing Bearing its limits selection selection rmissi Permissi Permissi Bearing Bearing speed ble speed Bearing Bearing failure failure failure and how and how sign c Design c to to to siderati onsiderati prevent it prevent sons Designati on	Bearing selection process	LubeSele ct for SKF greases	LubeSele ct for SKF greases	
Permissi ble speed		Bearing failure and how to	Bearing failure and how	Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i	Heater selection
Design c onsiderati ons Designati on system					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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