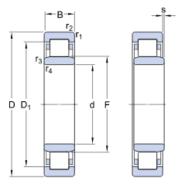
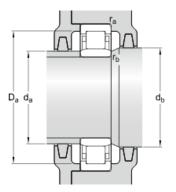


Technical specification





NU 2216 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	33 mm
D ₁	≈ 122.4 mm
F	95.3 mm
r _{1,2}	min. 2 mm
r _{3,4}	min. 2 mm
S	max. 1.4 mm

ABUTMENT DIMENSIONS

d _a	min. 90 mm
d _a	max. 93 mm
d _b	min. 98 mm
D _a	max. 129.8 mm
r _a	max. 2 mm
r _b	max. 2 mm



CALCULATION DATA

Basic dynamic load rating	С	212 kN
Basic static load rating	C ₀	245 kN
Fatigue load limit	Pu	31 kN
Reference speed		5300 r/min
Limiting speed		8500 r/min
Calculation factor	k _r	0.3
Limiting value	е	0.3
Axial load factor	Y	0.4

MASS

Mass bearing 2.16 kg

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	earing bearing bearing bearing ita selection selection General General oads nowledge nowledge	bearing bearing Bearing -selection -selection General General Fragination	Bearing Select Engineer	
Loads	Loads Tempera			ing Calcul ator	ing Calcul ator
ture	ture Bearing limits selection Permissi De speed Bearing failure	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	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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