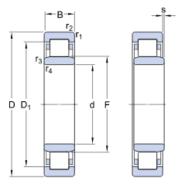
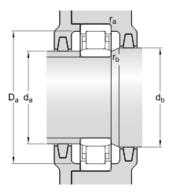


Technical specification





NU 234 ECML

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	170 mm
D	310 mm
В	52 mm
D ₁	≈ 268.5 mm
F	207 mm
r _{1,2}	min. 4 mm
r _{3,4}	min. 4 mm
S	max. 2.9 mm

ABUTMENT DIMENSIONS

d _a	min. 188 mm
d _a	max. 203 mm
d _b	min. 210 mm
D _a	max. 292.4 mm
r _a	max. 3 mm
r _b	max. 3 mm



CALCULATION DATA

Basic dynamic load rating	С	695 kN
Basic static load rating	C ₀	815 kN
Fatigue load limit	P _u	85 kN
Reference speed		2200 r/min
Limiting speed		3800 r/min
Calculation factor	k _r	0.23
Limiting value	е	0.2
Axial load factor	Y	0.6

MASS

Mass bearing 17.6 kg

ASSOCIATED PRODUCTS

Angle ring	HJ 234 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 selection General bearing k nowledge Bearing selection process Bearing failure	bearing selection General bearing k nowledge Bearing selection	bearingbearingselection-selectionGeneralGeneralbearing kbearing knowledgenowledgeBearingBearingselectionselection	bearing -selection General	Bearing Select Engineer	Bearing Select Engineer
Loads	Loads Tempera					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 Bearing	Heater selection	Heater selection		
Design c onsiderati ons Designati on system	Design c onsiderati ons Designati on system	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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