

NU 2313 ECPH

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,

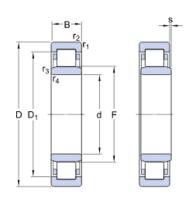
NUP, NJ + HJ

Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

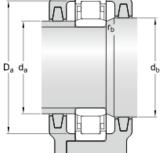
Technical specification



DIMENSIONS

d	65 mm
D	140 mm
В	48 mm
D_1	≈ 117.4 mm
F	82.5 mm
r _{1,2}	min. 2.1 mm
r _{3,4}	min. 2.1 mm
S	max. 4.7 mm





ABUTMENT DIMENSIONS

min. 77 mm	d _a
max. 80 mm	d_a
min. 85 mm	d _b
max. 127.8 mm	D_{a}
max. 2 mm	r _a
max. 2 mm	r_b



CALCULATION DATA

Basic dynamic load rating	С	285 kN
Basic static load rating	C_0	290 kN
Fatigue load limit	P_{u}	38 kN
Reference speed		5300 r/min
Limiting speed		6000 r/min
Calculation factor	k_r	0.25
Limiting value	е	0.3
Axial load factor	Υ	0.4

MASS

Mass bearing	3.23 kg
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ASSOCIATED PRODUCTS

Angle ring	HJ 2313 EC
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More information

Product details	Product details	Engineering in	rornmangomeering ir		lools
Designs and variants Bearing data Loads Tempera	Product details Designs and variants Bearing data Loads Tempera	Principles of rolling bearing selection General bearing k nowledge Bearing	Frinciples of rolling bearing -selection General bearing k nowledge	SimPro Quick Bearing Select Engineer ing Calcul ator LubeSele	SimPro Quick Bearing Select Engineer ing Calcul ator LubeSele
ture limits Permissi ble speed Design c onsiderati ons Designati on system	ture limits Permissi ble speed Design c onsiderati ons Designati on system	selection process Bearing failure and how to prevent it	selection process Bearing failure and how to selection process Bearing failure and how to	ct for SKF greases Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i nstructio ns	ct for SKF greases Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i nstructio ns

5KF.



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