



NJ 328 ECNML

- 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,](#)

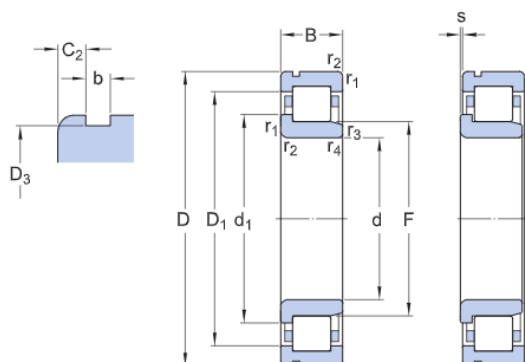
NUP, NJ + HJ

Bearing interfaces

[Seat tolerances for standard conditions,](#)

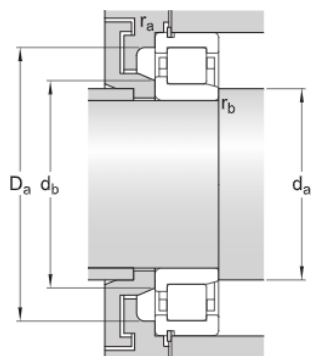
[Tolerances and resultant fit](#)

Technical specification



DIMENSIONS

d	140 mm	Bore diameter
D	300 mm	Outside diameter
B	62 mm	Width
d1	≈195 mm	Shoulder diameter of inner ring
D1	≈251.7 mm	Shoulder diameter of outer ring
D3	290 mm	Diameter of snap ring groove
F	180 mm	Chamfer dimension of loose flange ring
C ₂	8 mm	Distance from outer ring side face to snap ring groove
b	5.5 mm	Width of snap ring groove
r _{1,2}	min.4 mm	Chamfer dimension
r _{3,4}	min.4 mm	Chamfer dimension
s	max.3.7 mm	Permissible axial displacement



ABUTMENT DIMENSIONS

d_a	min.157 mm	Diameter of spacer sleeve
d_a	max.175 mm	Diameter of spacer sleeve
d_b	min.199 mm	Diameter of shaft abutment
D_a	max.282.5 mm	Diameter of housing abutment
r_a	max.3 mm	Radius of fillet
r_b	max.3 mm	Radius of fillet

CALCULATION DATA

Basic dynamic load rating	C	780 kN
Basic static load rating	C_0	830 kN
Fatigue load limit	P_u	88 kN
Reference speed		2 400 r/min
Limiting speed		4 300 r/min
Minimum load factor	k_r	0.23
Limiting value	e	0.2
Axial load factor	Y	0.6

MASS

Mass	22.4 kg
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ASSOCIATED PRODUCTS

Angle ring	HJ 328 EC
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