



N 20/1250 MB

Cylindrical roller bearings, single row

Bearing data

Tolerances,

Normal (metric), P6, Normal (inch),

Radial internal clearance,

cylindrical bore, tapered bore,

Axial internal clearance,

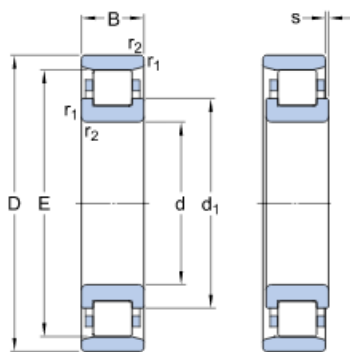
NUP, NJ + HJ

Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification

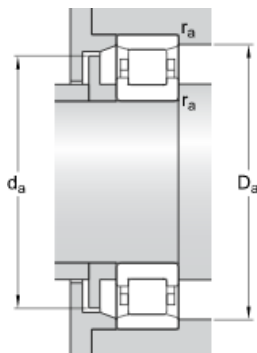


DIMENSIONS

d	1250 mm
D	1750 mm
B	290 mm
d ₁	≈ 1435 mm
E	1635 mm
r _{1,2}	min. 9.5 mm
s	max. 16.4 mm

ABUTMENT DIMENSIONS

d _a	min. 1284 mm
d _a	max. 1625 mm
D _a	min. 1650 mm
D _a	max. 1716 mm
r _a	max. 8 mm



CALCULATION DATA

Basic dynamic load rating	C	12800 kN
Basic static load rating	C ₀	30500 kN
Fatigue load limit	P _u	1760 kN
Reference speed		170 r/min
Limiting speed		200 r/min
Calculation factor	k _r	0.14
Limiting value	e	0.3
Axial load factor	Y	

MASS

Mass bearing		2320 kg
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More information

Product details	Product details	Engineering information	Engineering information	Tools	Tools
Designs and variants	Designs and variants	Principles of rolling bearing selection	Principles of rolling bearing selection	SimPro Quick	SimPro Quick
Bearing data	Bearing data	General bearing knowledge	General bearing knowledge	Bearing Select	Bearing Select
Loads	Loads	Bearing selection process	Bearing selection process	Engineering Calculator	Engineering Calculator
Temperature limits	Temperature limits	Bearing failure and how to prevent it	Bearing failure and how to prevent it	LubeSelect for SKF greases	LubeSelect for SKF greases
Permissible speed	Permissible speed			Heater selection tool	Heater selection tool
Design considerations	Design considerations			Oil Injection Method Program	Oil Injection Method Program
Designation system	Designation system			Rolling bearings mounting and dismounting instructions	Rolling bearings mounting and dismounting instructions

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