

81213 TN

Popular item

Cylindrical roller thrust bearings

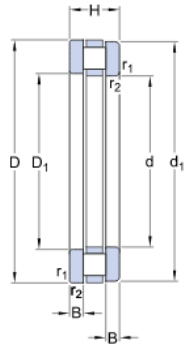
Bearing data, Design considerations

Tolerances,
table, table, values,
Design considerations,
table

Bearing interfaces

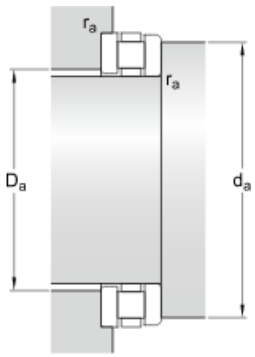
Seat tolerances for standard conditions

Technical specification



DIMENSIONS

d	65 mm
D	100 mm
H	27 mm
d_1	100 mm
D_1	67 mm
B	8 mm
$r_{1,2}$	min. 1 mm



ABUTMENT DIMENSIONS

d_a	min. 96 mm
D_a	max. 69 mm
r_a	max. 1 mm

CALCULATION DATA

Basic dynamic load rating	C	140 kN
Basic static load rating	C_0	490 kN
Fatigue load limit	P_u	50 kN
Reference speed		1300 r/min
Limiting speed		2600 r/min
Minimum axial load factor	A	0.0192

MASS

Mass bearing	0.72 kg

INCLUDED PRODUCTS

Roller and cage thrust assembly	K 81213 TN
Shaft washer	WS 81213
Housing washer	GS 81213

More information

Product details

- Designs and variants
- Bearing data
- Loads
- Temperature limits
- Permissible speed
- Design considerations
- Designation system

Engineering information

- Principles of rolling bearing selection
- General bearing knowledge
- Bearing selection process
- Bearing failure and how to prevent it

Tools

- SimPro Quick
- Bearing Select
- Engineering Calculator
- LubeSelect for SKF greases
- Heater selection tool

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