

30330 Popular item

Tapered roller bearings, single row

Bearing data Tolerances, Normal and CL7C, CLN, Normal and CL, deviating width Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

2GB

Technical specification

Dimension series

 r_4 r_4 r_2 r_2 r_3 r_1 r_2 r_1 r_2 r_1 r_2 r_3 r_4 r_2 r_1 r_2 r_3 r_4 r_2 r_3 r_4 r_5 r_2 r_4 r_5 r_5

DIMENSIONS

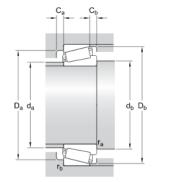
d	150 mm
D	320 mm
Т	72 mm
d ₁	≈ 223 mm
В	65 mm
С	55 mm
r _{1,2}	min. 5 mm
r _{3,4}	min. 4 mm
a	58.002 mm

ABUTMENT DIMENSIONS

d _a	max. 189 mm
d _b	min. 169.5 mm
D _a	min. 273 mm
D _a	max. 303.5 mm







D _b	min. 292 mm
C _a	min. 9 mm
C _b	min. 17 mm
r _a	max. 5 mm
r _b	max. 4 mm

CALCULATION DATA

Basic dynamic load rating	С	879 kN
Basic static load rating	C _O	1060 kN
Fatigue load limit	P _u	104 kN
Reference speed		1600 r/min
Limiting speed		2000 r/min
Calculation factor	е	0.35
Calculation factor	Y	1.7
Calculation factor	Y ₀	0.9

MASS

Mass bearing	24.8 kg
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More information

Product details	Product details	Engineering i	nforn Eanlajonneering ir	formatidan	Tools
Designs and variants Bearing data Loads Tempera ture limits Permissi ble speed Design c onsiderati ons Bearing designati ons Designati on system	Designs and variants Bearing data Loads Tempera ture limits Permissi ble speed Design c onsiderati ons Bearing designati ons Designati on system	Principles of rolling bearing selection General bearing k nowledge Bearing selection process Bearing failure and how to prevent it	Principles of rolling bearing selection General bearing k nowledge Bearing selection process Bearing failure and how to prevent it	SimPro Quick Bearing Select Engineer ing Calcul ator LubeSele ct for SKF greases Heater Selection Tool Oil Injection Method Program skf.com/ mount	SimPro Quick Bearing Select Engineer ing Calcul ator LubeSele ct for SKF greases Heater Selection Tool Oil Injection Method Program skf.com/ mount



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