

Technical specification

Dimension series

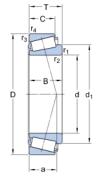
33220

SKF Explorer

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

3FE



DIMENSIONS

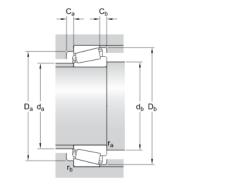
d	100 mm
D	180 mm
Т	63 mm
d ₁	≈ 139.98 mm
В	63 mm
С	48 mm
r _{1,2}	min. 3 mm
r _{3,4}	min. 2.5 mm
a	44.808 mm

ABUTMENT DIMENSIONS

d _a	max. 112 mm
d _b	min. 113.5 mm
D _a	min. 151 mm
D _a	max. 168.5 mm







D _b	min. 172 mm
C _a	min. 10 mm
C _b	min. 15 mm
r _a	max. 3 mm
r _b	max. 2.5 mm

CALCULATION DATA

Basic dynamic load rating	С	532 kN
Basic static load rating	C ₀	655 kN
Fatigue load limit	Pu	71 kN
Reference speed		2600 r/min
Limiting speed		3600 r/min
Calculation factor	е	0.4
Calculation factor	Y	1.5
Calculation factor	Y ₀	0.8

MASS

Mass bearing	6.73 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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