



32264

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

4GD

Technical specification

Dimension series

 r_{r_4}

DIMENSIONS

d	320 mm
D	580 mm
Т	159 mm
d ₁	≈ 442.93 mm
В	150 mm
С	125 mm
r _{1,2}	min. 6 mm
r _{3,4}	min. 5 mm
a	133 mm

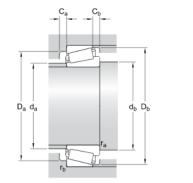
ABUTMENT DIMENSIONS

d _a	max. 368 mm
d _b	min. 343 mm
D _a	min. 486 mm
D _a	max. 559 mm



SKF





D _b	min. 550 mm
C _a	min. 12 mm
C _b	min. 34 mm
r _a	max. 6 mm
r _b	max. 5 mm

CALCULATION DATA

Basic dynamic load rating	С	3353 kN
Basic static load rating	C _O	5500 kN
Fatigue load limit	Pu	415 kN
Reference speed		750 r/min
Limiting speed		1000 r/min
Calculation factor	е	0.43
Calculation factor	Y	1.4
Calculation factor	Y ₀	0.8

MASS

Mass bearing	174 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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