



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

935

Technical specification

Dimension series

 r_{1}

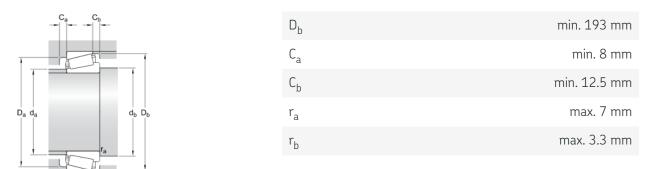
DIMENSIONS

d	114.3 mm
D	212.725 mm
Т	66.675 mm
d ₁	≈ 154.1 mm
В	66.675 mm
С	53.975 mm
r _{1,2}	min. 7 mm
r _{3,4}	min. 3.3 mm
a	46.261 mm

ABUTMENT DIMENSIONS

d _a	max. 130 mm
d _b	min. 136.5 mm
D _a	min. 175 mm
D _a	max. 199 mm





CALCULATION DATA

Basic dynamic load rating	С	626 kN
Basic static load rating	C ₀	765 kN
Fatigue load limit	Pu	81.5 kN
Reference speed		2600 r/min
Limiting speed		3200 r/min
Calculation factor	е	0.33
Calculation factor	Y	1.8
Calculation factor	Y ₀	1

MASS

Mass bearing	10.1 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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