

LM 330448/410

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

LM 330400

Technical specification

Dimension series

 r_{r_4}

DIMENSIONS

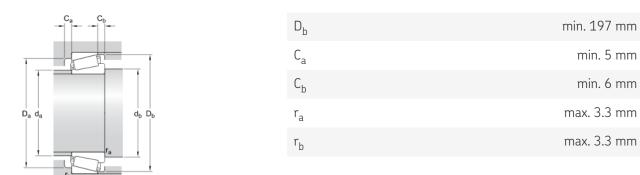
d	152.4 mm
D	203.2 mm
Т	41.275 mm
d ₁	≈ 180.4 mm
В	41.275 mm
С	34.925 mm
r _{1,2}	min. 3.3 mm
r _{3,4}	min. 3.3 mm
a	38.342 mm

ABUTMENT DIMENSIONS

d _a	max. 166 mm
d _b	min. 167.5 mm
D _a	min. 186 mm
D _a	max. 189 mm







CALCULATION DATA

Basic dynamic load rating	С	251 kN
Basic static load rating	C ₀	480 kN
Fatigue load limit	Pu	45.5 kN
Reference speed		2400 r/min
Limiting speed		2800 r/min
Calculation factor	е	0.35
Calculation factor	Υ	1.7
Calculation factor	Y ₀	0.9

MASS

Mass bearing	3.71 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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