

HM 231132/110

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

HM 231100

## Technical specification

Dimension series

 $r_{r_4}$ 

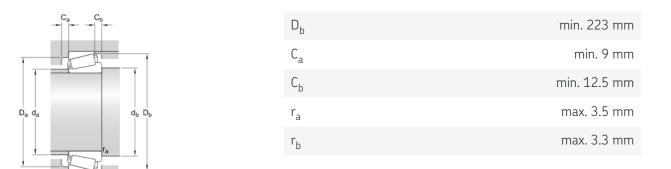
DIMENSIONS

d	139.7 mm
D	236.538 mm
Т	57.15 mm
d <sub>1</sub>	≈ 187.2 mm
В	56.642 mm
С	44.45 mm
r <sub>1,2</sub>	min. 3.5 mm
r <sub>3,4</sub>	min. 3.3 mm
a	44.806 mm

### ABUTMENT DIMENSIONS

d <sub>a</sub>	max. 165 mm
d <sub>b</sub>	min. 155.5 mm
D <sub>a</sub>	min. 210 mm
D <sub>a</sub>	max. 222.5 mm





## CALCULATION DATA

**5KF**•

Basic dynamic load rating	С	629 kN
Basic static load rating	C <sub>0</sub>	850 kN
Fatigue load limit	Pu	86.5 kN
Reference speed		2200 r/min
Limiting speed		2600 r/min
Calculation factor	е	0.31
Calculation factor	Y	1.9
Calculation factor	Y <sub>0</sub>	1.1

## 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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