

# Technical specification

**Dimension series** 

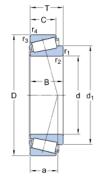
JM 738249/210

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

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## DIMENSIONS

d	190 mm
D	260 mm
Т	46 mm
d <sub>1</sub>	≈ 227.49 mm
В	44 mm
С	36.5 mm
r <sub>1,2</sub>	min. 3 mm
r <sub>3,4</sub>	min. 2.5 mm
a	54.888 mm

## ABUTMENT DIMENSIONS

d <sub>a</sub>	max. 205 mm
d <sub>b</sub>	min. 205 mm
D <sub>a</sub>	min. 235 mm
D <sub>a</sub>	max. 247 mm





## CALCULATION DATA

**5KF**•

Basic dynamic load rating	С	443 kN
Basic static load rating	C <sub>O</sub>	765 kN
Fatigue load limit	P <sub>u</sub>	72 kN
Reference speed		1800 r/min
Limiting speed		2200 r/min
Calculation factor	е	0.48
Calculation factor	Y	1.25
Calculation factor	Y <sub>0</sub>	0.7

## MASS

Mass bearing	7.09 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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