

# LM 245848/810

Popular item

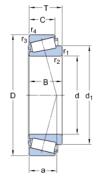
## Tapered roller bearings, single row

Bearing data Tolerances, Normal and CL7C, CLN, Normal and CL, deviating width Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

### Dimension series

Technical specification

LM 245800



## DIMENSIONS

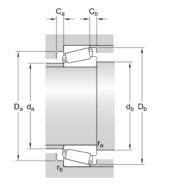
d	231.775 mm
D	317.5 mm
Т	47.625 mm
d <sub>1</sub>	≈ 268.1 mm
В	52.388 mm
С	36.512 mm
r <sub>1,2</sub>	min. 3.3 mm
r <sub>3,4</sub>	min. 3.3 mm
a	49.495 mm

### ABUTMENT DIMENSIONS

d <sub>a</sub>	max. 249 mm
d <sub>b</sub>	min. 248.5 mm
D <sub>a</sub>	min. 296 mm
D <sub>a</sub>	max. 302 mm







D <sub>b</sub>	min. 304 mm
C <sub>a</sub>	min. 9 mm
C <sub>b</sub>	min. 11 mm
r <sub>a</sub>	max. 3.3 mm
r <sub>b</sub>	max. 3.3 mm

## CALCULATION DATA

Basic dynamic load rating	С	556 kN
Basic static load rating	C <sub>0</sub>	980 kN
Fatigue load limit	Pu	90 kN
Reference speed		1300 r/min
Limiting speed		1800 r/min
Calculation factor	е	0.31
Calculation factor	Y	1.9
Calculation factor	Y <sub>0</sub>	1.1

## MASS

Mass bearing	10.6 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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