



JM 738249/210

SKF Explorer

Tapered roller bearings, single row

Bearing data

[Tolerances,](#)

Normal and CL7C, CLN, Normal and CL, deviating width

Bearing interfaces

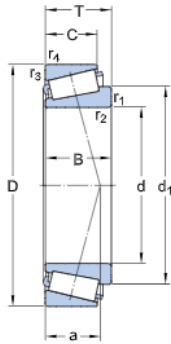
[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

Technical specification

Dimension series

32938

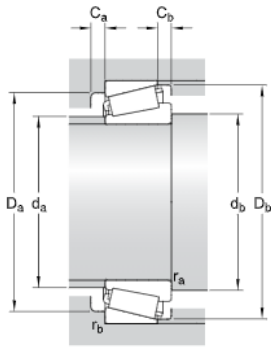


DIMENSIONS

d	190 mm
D	260 mm
T	46 mm
d ₁	≈ 227.49 mm
B	44 mm
C	36.5 mm
r _{1,2}	min. 3 mm
r _{3,4}	min. 2.5 mm
a	54.888 mm

ABUTMENT DIMENSIONS

d _a	max. 205 mm
d _b	min. 205 mm
D _a	min. 235 mm
D _a	max. 247 mm



D_b	min. 252 mm
C_a	min. 8 mm
C_b	min. 9.5 mm
r_a	max. 3 mm
r_b	max. 2.5 mm

CALCULATION DATA

Basic dynamic load rating	C	443 kN
Basic static load rating	C_0	765 kN
Fatigue load limit	P_u	72 kN
Reference speed		1800 r/min
Limiting speed		2200 r/min
Calculation factor	e	0.48
Calculation factor	Y	1.25
Calculation factor	Y_0	0.7

MASS

Mass bearing	7.09 kg
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More information

Product details	Engineering information	Tools
Designs and variants <hr/>	Principles of rolling bearing selection <hr/>	SimPro Quick <hr/>
Bearing data <hr/>	General bearing knowledge <hr/>	Bearing Select <hr/>
Loads <hr/>	Bearing selection process <hr/>	Engineering Calculator <hr/>
Temperature limits <hr/>	Bearing failure and how to prevent it <hr/>	LubeSelect for SKF greases <hr/>
Permissible speed <hr/>		Heater Selection Tool <hr/>
Design considerations <hr/>		Oil Injection Method Program <hr/>
Bearing designations <hr/>		skf.com/mount <hr/>
Designation system <hr/>		

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