



32212

Popular item SKF Explorer

Tapered roller bearings, single row

Bearing data

Tolerances,

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

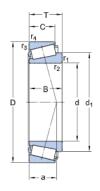
Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification

Dimension series ????



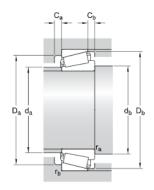
DIMENSIONS

d	60 mm
D	110 mm
Т	29.75 mm
d_1	≈ 81.9 mm
В	28 mm
С	24 mm
r _{1,2}	min. 2 mm
r _{3,4}	min. 1.5 mm
a	24.052 mm

ABUTMENT DIMENSIONS

d_a	max. 69 mm
d _b	min. 70.5 mm
D _a	min. 95 mm
D_a	max. 102 mm





D_b	min. 104 mm
C_a	min. 4 mm
C_{b}	min. 5.5 mm
r _a	max. 2 mm
r_b	max. 1.5 mm

CALCULATION DATA

Basic dynamic load rating	С	155 kN
Basic static load rating	C_0	160 kN
Fatigue load limit	P_{u}	18.6 kN
Reference speed		5 000 r/min
Limiting speed		6 000 r/min
Calculation factor	е	0.4
Calculation factor	Υ	1.5
Calculation factor	Y_{Ω}	0.8

MASS

Mass bearin	ng	1.15 kg
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More information

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





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