



32252/DF

Tapered roller bearings, single row,
matched face-to-face

Bearing data

[Tolerances,](#)

Normal + CL7C, P5, total width,

[Internal clearance,](#)

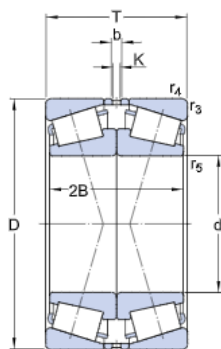
values

Bearing interfaces

[Seat tolerances for standard conditions,](#)

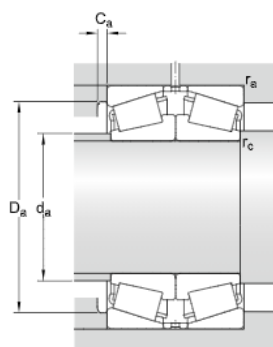
[Tolerances and resultant fit](#)

Technical specification



DIMENSIONS

d	260 mm
D	480 mm
T	274 mm
2B	260 mm
b	35 mm
K	16 mm
$r_{3,4}$	min. 5 mm
r_5	min. 1.5 mm



ABUTMENT DIMENSIONS

d_a	max. 303 mm
D_a	min. 401 mm
D_a	max. 458 mm
C_a	min. 10 mm
r_a	max. 5 mm
r_c	max. 1.5 mm

CALCULATION DATA

Basic dynamic load rating	C	4 013 kN
Basic static load rating	C ₀	7 350 kN
Fatigue load limit	P _u	600 kN
Reference speed		750 r/min
Limiting speed		1 200 r/min
Calculation factor	e	0.43
Calculation factor	Y ₁	1.6
Calculation factor	Y ₂	2.3
Calculation factor	Y ₀	1.6

MASS

Mass bearing pair	213 kg
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More information

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