



30306

- Popular item
- SKF Explorer

Tapered roller bearings, single row

Bearing data

[Tolerances,](#)

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

Bearing interfaces

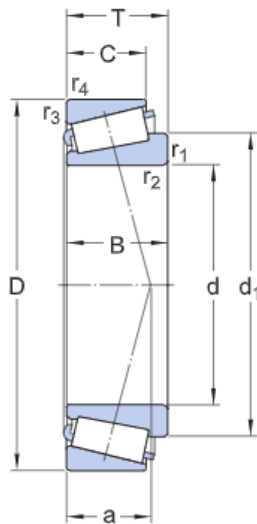
[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

Technical specification

Dimension series

2FB

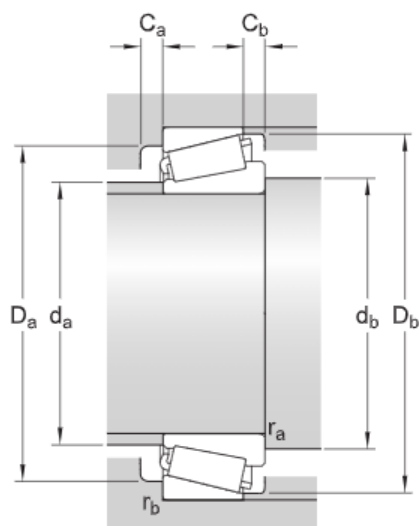


DIMENSIONS

d	30 mm	Bore diameter
D	72 mm	Outside diameter
T	20.75 mm	Total bearing width
d1	≈48.45 mm	Inner ring shoulder diameter
B	19 mm	Width inner ring
C	16 mm	Width outer ring
r1,2	min.1.5 mm	Corner radius inner ring
r3,4	min.1.5 mm	Corner radius outer ring
a	14.626 mm	Distance pressure point

ABUTMENT DIMENSIONS

da	max.41 mm	Abutment diameter shaft
	min.38	Abutment



d_b	mm	diameter shaft
D_a	min.62 mm	Abutment diameter housing
D_a	max.64.5 mm	Abutment diameter housing
D_b	min.66 mm	Abutment diameter housing
C_a	min.3 mm	Abutment housing - axial space at the large side face/ both sides of the outer ring
C_b	min.4.5 mm	Abutment housing - axial space at the small side face/ both sides of the outer ring
r_a	max.1.5 mm	Fillet radius
r_b	max.1.5 mm	Fillet radius

CALCULATION DATA

Basic dynamic load rating	C	69.2 kN
Basic static load rating	C_0	56 kN
Fatigue load limit	P_u	6.4 kN
Reference speed		8 000 r/min
Limiting speed		10 000 r/min
Calculation factor	e	0.31
Calculation factor	Y	1.9
Calculation factor	Y_0	1.1

MASS

Mass bearing	0.38 kg
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