



JL 69349/310 Tapered roller bearings, single row

- SKF Explorer

Tapered roller bearings, single row

Technical specification

L 69300

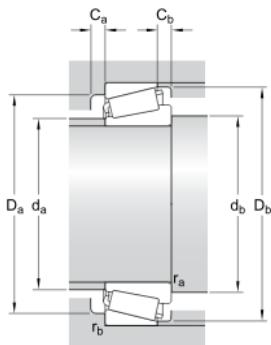


DIMENSIONS

d	38 mm	Bore diameter
D	63 mm	Outside diameter
T	17 mm	Total bearing width
d_1	≈ 52.2 mm	Inner ring shoulder diameter
B	17 mm	Width inner ring
C	13.5 mm	Width outer ring
$r_{1,2}$	min. 3.6 mm	Corner radius inner ring
$r_{3,4}$	min. 1.3 mm	Corner radius outer ring
a	14.279 mm	Distance pressure point

ABUTMENT DIMENSIONS

d_a	max. 44 mm	Abutment diameter shaft
d_b	min. 50.5 mm	Abutment diameter shaft
D_a	min. 55 mm	Abutment diameter housing



D_a	max. 56 mm	Abutment diameter housing
D_b	min. 60 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. 3.5 mm	Abutment housing - axial space at the small side face/ both sides of the outer ring
r_a	max. 3.6 mm	Fillet radius
r_b	max. 1.3 mm	Fillet radius

CALCULATION DATA

C	45.7 kN	Basic dynamic load rating
C_0	52 kN	Basic static load rating
P_u	5.4 kN	Fatigue load limit
	8500 r/min	Reference speed
	10000 r/min	Limiting speed
e	0.43	Calculation factor
Y	1.4	Calculation factor
Y_0	0.8	Calculation factor

MASS

	0.2 kg	Mass bearing
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