



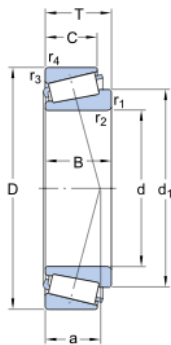
33118 Tapered roller bearings, single row

- Popular item
- SKF Explorer

Tapered roller bearings, single row

Technical specification

3DE

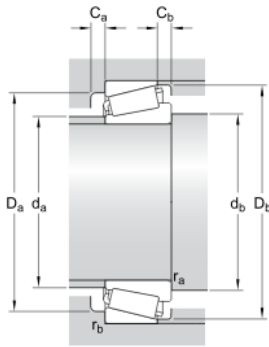


DIMENSIONS

d	90 mm	Bore diameter
D	150 mm	Outside diameter
T	45 mm	Total bearing width
d_1	≈ 120.38 mm	Inner ring shoulder diameter
B	45 mm	Width inner ring
C	35 mm	Width outer ring
$r_{1,2}$	min. 2.5 mm	Corner radius inner ring
$r_{3,4}$	min. 2 mm	Corner radius outer ring
a	34.671 mm	Distance pressure point

ABUTMENT DIMENSIONS

d_a	max. 101 mm	Abutment diameter shaft
d_b	min. 102 mm	Abutment diameter shaft
D_a	min. 130	Abutment diameter housing



	mm	
D_a	max. 140 mm	Abutment diameter housing
D_b	min. 144 mm	Abutment diameter housing
C_a	min. 7 mm	Abutment housing - axial space at the large side face/ both sides of the outer ring
C_b	min. 10 mm	Abutment housing - axial space at the small side face/ both sides of the outer ring
r_a	max. 2.5 mm	Fillet radius
r_b	max. 2 mm	Fillet radius

CALCULATION DATA

C	310 kN	Basic dynamic load rating
C_0	390 kN	Basic static load rating
P_u	43 kN	Fatigue load limit
	3400 r/min	Reference speed
	4300 r/min	Limiting speed
e	0.4	Calculation factor
Y	1.5	Calculation factor
Y_0	0.8	Calculation factor

MASS

	3.11 kg	Mass bearing
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