



32313 Tapered roller bearings, single row

- Popular item
- SKF Explorer

Tapered roller bearings, single row

Technical specification

2GD



DIMENSIONS

d	65 mm	Bore diameter
D	140 mm	Outside diameter
T	51 mm	Total bearing width
d ₁	≈ 99.2 mm	Inner ring shoulder diameter
B	48 mm	Width inner ring
C	39 mm	Width outer ring
r _{1,2}	min. 3 mm	Corner radius inner ring
r _{3,4}	min. 2.5 mm	Corner radius outer ring
a	33.358 mm	Distance pressure point

ABUTMENT DIMENSIONS

d _a	max. 81 mm	Abutment diameter shaft
d _b	min. 78 mm	Abutment diameter shaft
D _a	min. 117 mm	Abutment diameter housing
D _b	max. 129.5	Abutment diameter housing



	mm	
D_b	min. 130 mm	Abutment diameter housing
C_a	min. 6 mm	Abutment housing - axial space at the large side face/ both sides of the outer ring
C_b	min. 12 mm	Abutment housing - axial space at the small side face/ both sides of the outer ring
r_a	max. 3 mm	Fillet radius
r_b	max. 2.5 mm	Fillet radius

CALCULATION DATA

C	323 kN	Basic dynamic load rating
C_0	335 kN	Basic static load rating
P_u	40 kN	Fatigue load limit
	3600 r/min	Reference speed
	4800 r/min	Limiting speed
e	0.35	Calculation factor
Y	1.7	Calculation factor
Y_0	0.9	Calculation factor

MASS

	3.51 kg	Mass bearing
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