



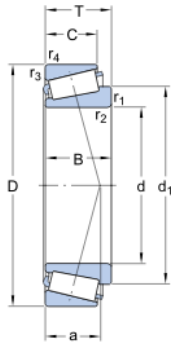
## 33205 Tapered roller bearings, single row

- Popular item  
- SKF Explorer

### Tapered roller bearings, single row

## Technical specification

2CE

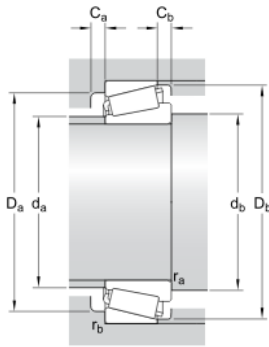


### DIMENSIONS

d	25 mm	Bore diameter
D	52 mm	Outside diameter
T	22 mm	Total bearing width
$d_1$	≈ 38.7 mm	Inner ring shoulder diameter
B	22 mm	Width inner ring
C	18 mm	Width outer ring
$r_{1,2}$	min. 1 mm	Corner radius inner ring
$r_{3,4}$	min. 1 mm	Corner radius outer ring
a	13.873 mm	Distance pressure point

### ABUTMENT DIMENSIONS

$d_a$	max. 31 mm	Abutment diameter shaft
$d_b$	min. 32 mm	Abutment diameter shaft
$D_a$	min. 43 mm	Abutment diameter housing



$D_a$	max. 46 mm	Abutment diameter housing
$D_b$	min. 49 mm	Abutment diameter housing
$C_a$	min. 4 mm	Abutment housing - axial space at the large side face/ both sides of the outer ring
$C_b$	min. 4 mm	Abutment housing - axial space at the small side face/ both sides of the outer ring
$r_a$	max. 1 mm	Fillet radius
$r_b$	max. 1 mm	Fillet radius

CALCULATION DATA

C	57.9 kN	Basic dynamic load rating
$C_0$	56 kN	Basic static load rating
$P_u$	6 kN	Fatigue load limit
	10000 r/min	Reference speed
	13000 r/min	Limiting speed
e	0.35	Calculation factor
Y	1.7	Calculation factor
$Y_0$	0.9	Calculation factor

MASS

	0.22 kg	Mass bearing
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