



## 33207 Tapered roller bearings, single row

- Popular item  
- SKF Explorer

### Tapered roller bearings, single row

## Technical specification

2DE

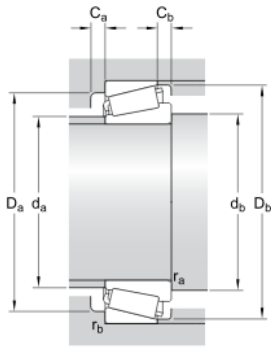


### DIMENSIONS

d	35 mm	Bore diameter
D	72 mm	Outside diameter
T	28 mm	Total bearing width
d <sub>1</sub>	≈ 53.45 mm	Inner ring shoulder diameter
B	28 mm	Width inner ring
C	22 mm	Width outer ring
r <sub>1,2</sub>	min. 1.5 mm	Corner radius inner ring
r <sub>3,4</sub>	min. 1.5 mm	Corner radius outer ring
a	18.084 mm	Distance pressure point

### ABUTMENT DIMENSIONS

d <sub>a</sub>	max. 43 mm	Abutment diameter shaft
d <sub>b</sub>	min. 43.5 mm	Abutment diameter shaft
D <sub>a</sub>	min. 61 mm	Abutment diameter housing



$D_a$	max. 64.5 mm	Abutment diameter housing
$D_b$	min. 68 mm	Abutment diameter housing
$C_a$	min. 5 mm	Abutment housing - axial space at the large side face/ both sides of the outer ring
$C_b$	min. 6 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

C	104 kN	Basic dynamic load rating
$C_0$	106 kN	Basic static load rating
$P_u$	11.8 kN	Fatigue load limit
	7000 r/min	Reference speed
	9500 r/min	Limiting speed
e	0.35	Calculation factor
Y	1.7	Calculation factor
$Y_0$	0.9	Calculation factor

MASS

	0.53 kg	Mass bearing
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