



## 30221 Tapered roller bearings, single row

- Popular item  
- SKF Explorer

### Tapered roller bearings, single row

## Technical specification

3FB

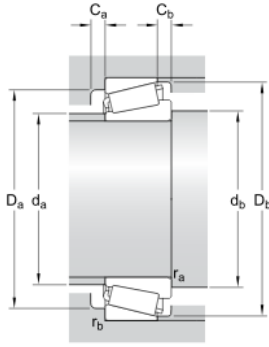


### DIMENSIONS

d	105 mm	Bore diameter
D	190 mm	Outside diameter
T	39 mm	Total bearing width
$d_1$	$\approx 143.57$ mm	Inner ring shoulder diameter
B	36 mm	Width inner ring
C	30 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	37.341 mm	Distance pressure point

### ABUTMENT DIMENSIONS

$d_a$	max. 123 mm	Abutment diameter shaft
$d_b$	min. 118.5 mm	Abutment diameter shaft
$D_a$	min. 165 mm	Abutment diameter housing



$D_a$	max. 178.5 mm	Abutment diameter housing
$D_b$	min. 177 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. 9 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	333 kN	Basic dynamic load rating
$C_0$	355 kN	Basic static load rating
$P_u$	40 kN	Fatigue load limit
	2800 r/min	Reference speed
	3400 r/min	Limiting speed
e	0.43	Calculation factor
Y	1.4	Calculation factor
$Y_0$	0.8	Calculation factor

## MASS

	4.29 kg	Mass bearing
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