



## 30232 Tapered roller bearings, single row

- Popular item

### Tapered roller bearings, single row

## Technical specification

4GB



### DIMENSIONS

d	160 mm	Bore diameter
D	290 mm	Outside diameter
T	52 mm	Total bearing width
$d_1$	$\approx 215.57$ mm	Inner ring shoulder diameter
B	48 mm	Width inner ring
C	40 mm	Width outer ring
$r_{1,2}$	min. 4 mm	Corner radius inner ring
$r_{3,4}$	min. 3 mm	Corner radius outer ring
a	53.88 mm	Distance pressure point

### ABUTMENT DIMENSIONS

$d_a$	max. 190 mm	Abutment diameter shaft
$d_b$	min. 177 mm	Abutment diameter shaft
$D_a$	min. 252	Abutment diameter housing



	mm	
$D_a$	max. 276 mm	Abutment diameter housing
$D_b$	min. 269 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. 12 mm	Abutment housing - axial space at the small side face/ both sides of the outer ring
$r_a$	max. 4 mm	Fillet radius
$r_b$	max. 3 mm	Fillet radius

## CALCULATION DATA

C	566 kN	Basic dynamic load rating
$C_0$	735 kN	Basic static load rating
$P_u$	72 kN	Fatigue load limit
	1600 r/min	Reference speed
	2200 r/min	Limiting speed
e	0.43	Calculation factor
Y	1.4	Calculation factor
$Y_0$	0.8	Calculation factor

## MASS

	13.2 kg	Mass bearing
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