



## 32230 Tapered roller bearings, single row

- Popular item

### Tapered roller bearings, single row

## Technical specification

4GD



### DIMENSIONS

d	150 mm	Bore diameter
D	270 mm	Outside diameter
T	77 mm	Total bearing width
$d_1$	≈ 205.53 mm	Inner ring shoulder diameter
B	73 mm	Width inner ring
C	60 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	64.088 mm	Distance pressure point

### ABUTMENT DIMENSIONS

$d_a$	max. 171 mm	Abutment diameter shaft
$d_b$	min. 167 mm	Abutment diameter shaft
$D_a$	min. 226	Abutment diameter housing



	mm	
$D_a$	max. 256 mm	Abutment diameter housing
$D_b$	min. 254 mm	Abutment diameter housing
$C_a$	min. 8 mm	Abutment housing - axial space at the large side face/ both sides of the outer ring
$C_b$	min. 17 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	782 kN	Basic dynamic load rating
$C_0$	1140 kN	Basic static load rating
$P_u$	112 kN	Fatigue load limit
	1700 r/min	Reference speed
	2400 r/min	Limiting speed
e	0.43	Calculation factor
Y	1.4	Calculation factor
$Y_0$	0.8	Calculation factor

MASS

	17.9 kg	Mass bearing
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