



# 30232

Popular item

# Tapered roller bearings, single row

## Bearing data

Tolerances,

Normal and CL7C, CLN, Normal and CL, deviating width

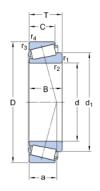
### Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

# Technical specification

Dimension series 4GB



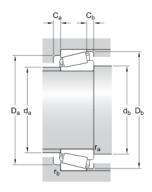
## **DIMENSIONS**

d	160 mm
D	290 mm
Т	52 mm
$d_1$	≈ 215.57 mm
В	48 mm
С	40 mm
r <sub>1,2</sub>	min. 4 mm
r <sub>3,4</sub>	min. 3 mm
a	53.88 mm

## ABUTMENT DIMENSIONS

$d_a$	max. 190 mm
$d_b$	min. 177 mm
D <sub>a</sub>	min. 252 mm
D <sub>a</sub>	max. 276 mm





$D_b$	min. 269 mm
$C_a$	min. 7 mm
$C_b$	min. 12 mm
r <sub>a</sub>	max. 4 mm
$r_b$	max. 3 mm

## CALCULATION DATA

Basic dynamic load rating	С	566 kN
Basic static load rating	$C_0$	735 kN
Fatigue load limit	$P_{u}$	72 kN
Reference speed		1600 r/min
Limiting speed		2200 r/min
Calculation factor	е	0.43
Calculation factor	Υ	1.4
Calculation factor	Y <sub>0</sub>	0.8

# MASS

Mass bearing	13.2 kg
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## More information

Designs	Designs			SimPro	SimPro	
and variants	and variants	Principles of rolling bearing -selection General bearing k nowledge	Principles of rolling	Quick ——— Bearing	Quick ——— Bearing	
Bearing data	Bearing data		-selection General bearing k	selection –selection	Select	Select
Loads	Loads				bearing k nowledge	Engineer ing Calcul ator
Tempera ture limits	Tempera ture limits	Bearing selection process	Bearing selection process	LubeSele ct for SKF greases	LubeSele ct for SKF greases	
Permissi ble speed	Permissi ble speed	Bearing failure	Bearing failure	Heater Selection	Heater Selection	
Design c onsiderati ons	Design c onsiderati ons	and how to prevent it	and how to prevent it	Tool Oil Injection Method	Tool Oil Injection Method	
Bearing designati ons	Bearing designati ons			Program skf.com/ mount	Program skf.com/ mount	
Designati on system	Designati on system					

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