



32238

Popular item

## Tapered roller bearings, single row

Bearing data

Tolerances,

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

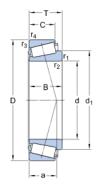
Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

# Technical specification

Dimension series 4GD



### **DIMENSIONS**

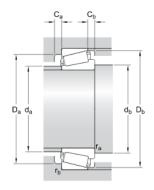
d	190 mm
D	340 mm
Т	97 mm
$d_1$	≈ 261.5 mm
В	92 mm
С	75 mm
r <sub>1,2</sub>	min. 5 mm
r <sub>3,4</sub>	min. 4 mm
a	80.835 mm

### ABUTMENT DIMENSIONS

d <sub>a</sub>	max. 217 mm
$d_b$	min. 210 mm
D <sub>a</sub>	min. 286 mm
D <sub>a</sub>	max. 323.5 mm







$D_b$	min. 323 mm
$C_a$	min. 12 mm
$C_b$	min. 22 mm
r <sub>a</sub>	max. 5 mm
$r_b$	max. 4 mm

## CALCULATION DATA

Basic dynamic load rating	С	1267 kN
Basic static load rating	$C_0$	1930 kN
Fatigue load limit	$P_{u}$	176 kN
Reference speed		1300 r/min
Limiting speed		1800 r/min
Calculation factor	е	0.43
Calculation factor	Υ	1.4
Calculation factor	$Y_O$	0.8

## MASS

Mass bearing	36 kg
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## More information

Designs	Designs			SimPro	SimPro	
and variants	and variants	Principles of rolling bearing -selection General bearing k nowledge	rolling of rolling	Quick ——— Bearing	Quick ——— Bearing	
Bearing data	Bearing data		selection General bearing k	ion selection	Select	Select
Loads	Loads			bearing k nowledge	Engineer ing Calcul ator	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					

5KF.



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