



# GAC 30 F

## Angular contact spherical plain bearings

Bearing data

[Tolerances,](#)

table,

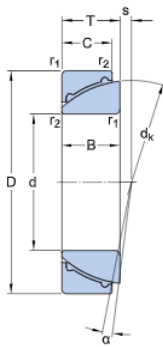
[Radial internal clearance,](#)

Axial preload

[Radial location of bearings](#)

[Recommended fits](#)

## Technical specification

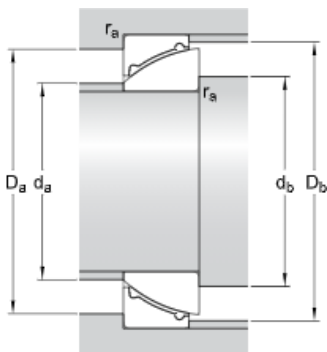


### DIMENSIONS

d	30 mm
D	55 mm
T	17 mm
$\alpha$	4.7 °
$d_k$	49.5 mm
B	17 mm
C	15 mm
$r_1$	min. 1 mm
$r_2$	min. 0.3 mm
s	1.3 mm

### ABUTMENT DIMENSIONS

$d_a$	max. 35 mm
$d_b$	max. 45 mm
$D_a$	min. 39 mm
$D_b$	min. 50.5 mm
$r_a$	max. 1 mm



## CALCULATION DATA

Basic dynamic load rating	C	30 kN
Basic static load rating	$C_0$	48 kN
Specific dynamic load factor	K	50 N/mm
Specific static load factor	$K_0$	80 N/mm
Material constant	$K_M$	480

## MASS

Mass plain bearing	0.21 kg
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## More information

<p>Product details</p> <p><a href="#">Bearing data</a></p> <hr/> <p><a href="#">Special designs</a></p> <hr/>	<p>Engineering information</p> <p><a href="#">Principles of selection and application</a></p> <hr/>	<p>Tools</p> <p><a href="#">SKF Bearing Calculator</a></p> <hr/> <p><a href="#">Heater selection tool</a></p> <hr/>
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