



GAC 45 F

Angular contact spherical plain bearings

Bearing data

[Tolerances,](#)

table,

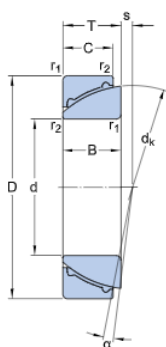
[Radial internal clearance,](#)

Axial preload

Radial location of bearings

[Recommended fits](#)

Technical specification

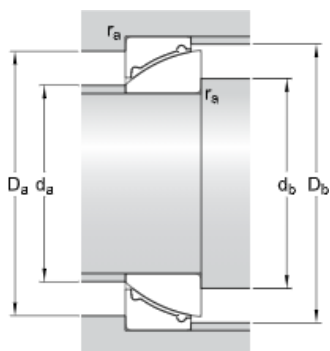


DIMENSIONS

d	45 mm
D	75 mm
T	20 mm
α	3.4 °
d_k	68.5 mm
B	20 mm
C	18 mm
r_1	min. 1 mm
r_2	min. 0.3 mm
s	3.5 mm

ABUTMENT DIMENSIONS

d_a	max. 51 mm
d_b	max. 60 mm
D_a	min. 55 mm
D_b	min. 69 mm
r_a	max. 1 mm



CALCULATION DATA

Basic dynamic load rating	C	50 kN
Basic static load rating	C ₀	80 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	0.42 kg
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More information

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