

GAC 80 F

Angular contact spherical plain bearings

Bearing data

[Tolerances,](#)

[table,](#)

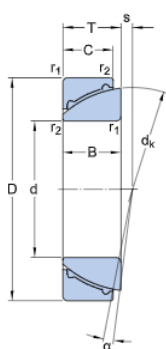
[Radial internal clearance,](#)

[Axial preload](#)

Radial location of bearings

[Recommended fits](#)

Technical specification

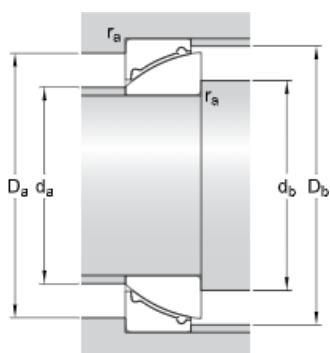


DIMENSIONS

d	80 mm
D	125 mm
T	29 mm
α	3.5 °
d_k	115 mm
B	29 mm
C	25.5 mm
r_1	min. 1.5 mm
r_2	min. 0.6 mm
s	8.6 mm

ABUTMENT DIMENSIONS

d_a	max. 88 mm
d_b	max. 104 mm
D_a	min. 95 mm
D_b	min. 116 mm
r_a	max. 1.5 mm



CALCULATION DATA

Basic dynamic load rating	C	122 kN
Basic static load rating	C ₀	193 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	1.55 kg
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More information

Product details Bearing data Special designs	Engineering information Principles of selection and application	Tools SKF Bearing Calculator Heater selection tool
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