

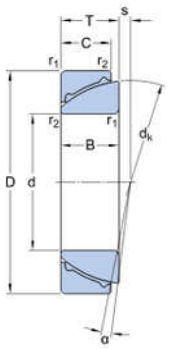
GAC 25 F

Angular contact spherical plain bearings

Bearing data
Tolerances,
table,
Radial internal clearance,
Axial preload

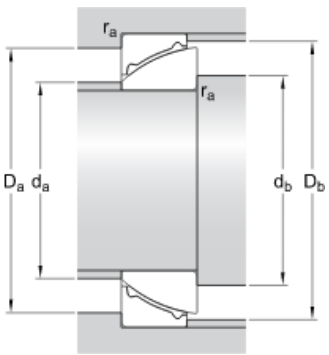
Radial location of bearings
Recommended fits

Technical specification



DIMENSIONS

d	25 mm
D	47 mm
T	15 mm
α	2.7 °
d_k	42 mm
B	15 mm
C	14 mm
r_1	min. 0.6 mm
r_2	min. 0.3 mm
s	0.6 mm



ABUTMENT DIMENSIONS

d_a	max. 29 mm
d_b	max. 39 mm
D_a	min. 34 mm
D_b	min. 43 mm
r_a	max. 0.6 mm

CALCULATION DATA

Basic dynamic load rating	C	24 kN
Basic static load rating	C_0	38 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	0.14 kg

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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