



GE 35 ES Radial spherical plain bearings

Radial spherical plain bearings

Bearing data

[Tolerances,](#)

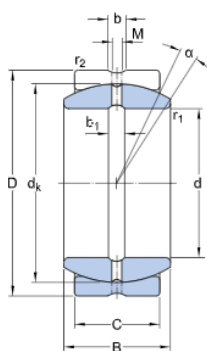
[Radial internal clearance](#)

Radial location of bearings

[Recommended fits](#)

Technical specification

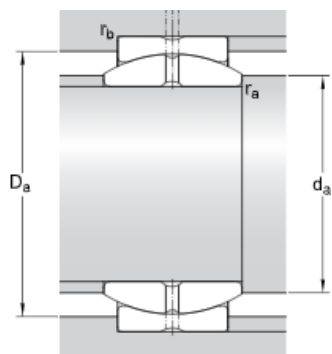
Lubricant	Regular relubrication – grease
Design (sliding contact surface combination)	Steel/steel
Sealing solution	No seals



DIMENSIONS

d	35 mm
D	55 mm
B	25 mm
C	20 mm
α	6 °
d_k	47 mm
b	3.8 mm
b_1	4 mm
M	2.5 mm
r_1	min. 0.6 mm
r_2	min. 1 mm

ABUTMENT DIMENSIONS



d_a	min. 38.5 mm
d_a	max. 39.8 mm
D_a	min. 44.6 mm
D_a	max. 50.9 mm
r_a	max. 0.6 mm
r_b	max. 1 mm

CALCULATION DATA

Basic dynamic load rating	C	80 kN
Basic static load rating	C_0	400 kN
Specific dynamic load factor	K	100 N/mm
Specific static load factor	K_0	500 N/mm
Material constant	K_M	330

MASS

Mass plain bearing	0.23 kg
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More information

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