



GEZM 100 ESX-2LS

SKF Explorer

Radial spherical plain bearings

Bearing data

[Tolerances,](#)

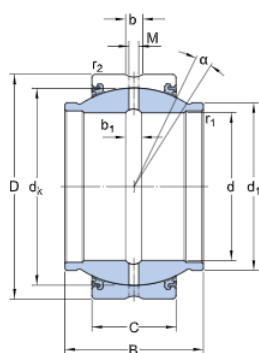
[Radial internal clearance](#)

Radial location of bearings

[Recommended fits](#)

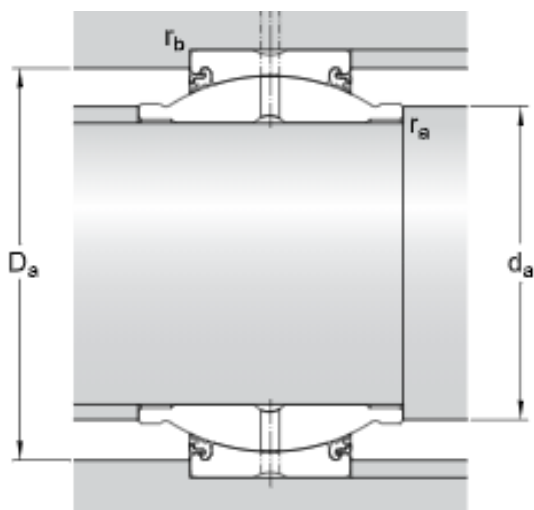
Technical specification

Lubricant	Maintenance free – greased for life
Design (sliding contact surface combination)	Steel/steel
Sealing solution	Triple-lip seals



DIMENSIONS

d	25.4 mm
D	41.275 mm
B	38.1 mm
C	19.05 mm
α	5 °
d_k	36.5 mm
d_1	≈ 30.988 mm
b	3.2 mm
b_1	3 mm
M	2.5 mm
r_1	min. 0.6 mm
r_2	min. 1 mm



ABUTMENT DIMENSIONS

d_a	min. 28.2 mm
d_a	max. 31 mm
D_a	min. 35.2 mm
D_a	max. 37.7 mm
r_a	max. 0.6 mm
r_b	max. 1 mm

CALCULATION DATA

Basic dynamic load rating	C	83 kN
Basic static load rating	C_0	166 kN
Specific dynamic load factor	K	150 N/mm
Specific static load factor	K_0	300 N/mm
Material constant	K_M	330

MASS

Mass plain bearing	0.15 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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