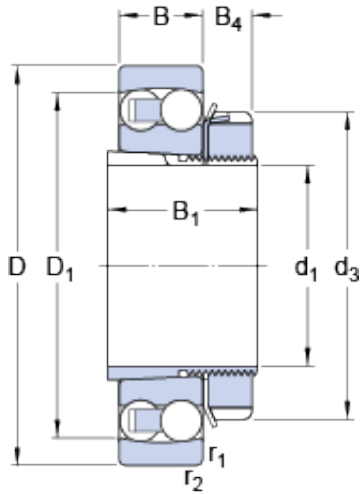




BEARING CORP. LTD.



40 mm x 100 mm x 25 mm SKF 1309 EKTN9 + H 309 self aligning ball bearings

Bearing No. 1309 EKTN9 + H 309

1309 EKTN9 + H 309 Bearing 2D drawings and 3D CAD models

Size	100x40x39 mm
Bore Diameter	100 mm
Outer Diameter	40 mm
Width	39 mm
d_1	40 mm
D	100 mm
B_1	39 mm
d_3	65 mm
D_1	87.8 mm
B	25 mm
B_4	11 mm
$r_{1,2}$ - min.	1.5 mm
d_a - max.	67 mm
d_b - min.	50 mm
D_a - max.	91 mm
B_a - min.	6 mm
r_a - max.	1.5 mm
Basic dynamic load rating - C	39 kN
Basic static load rating - C_0	13.4 kN
Fatigue load limit - Pu	0.7 kN
Reference speed	12000 r/min
Limiting speed	8500 r/min
Calculation factor - k_r	0.04
Calculation factor - e	0.23



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Calculation factor - Y_0	2.8
Calculation factor - Y_1	2.7
Calculation factor - Y_2	4.2
d	40 mm
B_1	39 mm
d_3	65 mm
D_1	87.8 mm
B_4	11 mm
$r_{1,2}$ min.	1.5 mm
d_a max.	67 mm
d_b min.	50 mm
D_a max.	91 mm
B_a min.	6 mm
r_a max.	1.5 mm
Basic dynamic load rating C	39 kN
Basic static load rating C_0	13.4 kN
Fatigue load limit P_u	0.7 kN
Permissible angular misalignment	3 °
Calculation factor k_r	0.04
Calculation factor e	0.23
Calculation factor Y_0	2.8
Calculation factor Y_1	2.7
Calculation factor Y_2	4.2
Mass bearing + adapter sleeve	1.2 kg