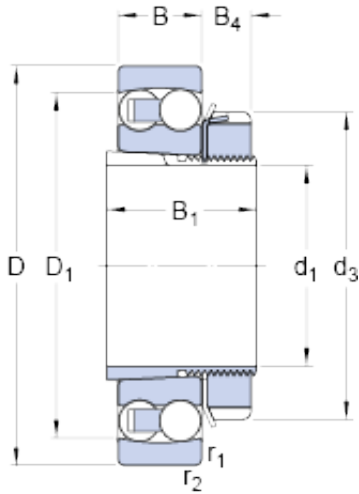




Jinan Yuki Bearing Co., Ltd.



30 mm x 80 mm x 21 mm SKF 1307 EKTN9 +
H 307 self aligning ball bearings

Bearing No. 1307 EKTN9 + H 307

1307 EKTN9 + H 307 Bearing 2D drawings and 3D
CAD models

Size	80x30x35 mm
Bore Diameter	80 mm
Outer Diameter	30 mm
Width	35 mm
d_1	30 mm
D	80 mm
B_1	35 mm
d_3	52 mm
D_1	67.5 mm
B	21 mm
B_4	9 mm
$r_{1,2}$ - min.	1.5 mm
d_a - max.	51 mm
d_b - min.	39 mm
D_a - max.	71 mm
B_a - min.	7 mm
r_a - max.	1.5 mm
Basic dynamic load rating - C	26.5 kN
Basic static load rating - C_0	8.5 kN
Fatigue load limit - P_u	0.43 kN
Reference speed	16000 r/min
Limiting speed	11000 r/min
Calculation factor - k_r	0.04
Calculation factor - e	0.25



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Calculation factor - Y_0	2.5
Calculation factor - Y_1	2.5
Calculation factor - Y_2	3.9
d	30 mm
B_1	35 mm
d_3	52 mm
D_1	67.5 mm
B_4	9 mm
$r_{1,2}$ min.	1.5 mm
d_a max.	51 mm
d_b min.	39 mm
D_a max.	71 mm
B_a min.	7 mm
r_a max.	1.5 mm
Basic dynamic load rating C	26.5 kN
Basic static load rating C_0	8.5 kN
Fatigue load limit P_u	0.43 kN
Permissible angular misalignment	3 °
Calculation factor k_r	0.04
Calculation factor e	0.25
Calculation factor Y_0	2.5
Calculation factor Y_1	2.5
Calculation factor Y_2	3.9
Mass bearing + adapter sleeve	0.65 kg