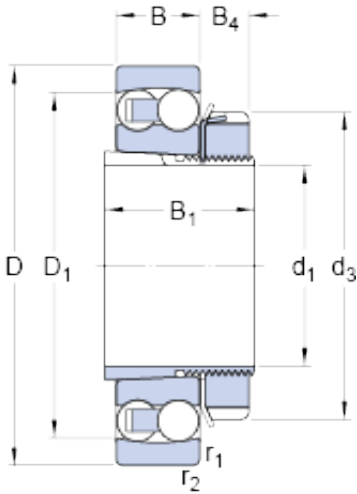




Timken BEARING CORP.of CANADA LTD.



30 mm x 80 mm x 31 mm SKF 2307 EKTN9 + H 2307 self aligning ball bearings

Bearing No. 2307 EKTN9 + H 2307

2307 EKTN9 + H 2307 Bearing 2D drawings and 3D CAD models

Size	80x30x43 mm
Bore Diameter	80 mm
Outer Diameter	30 mm
Width	43 mm
d_1	30 mm
D	80 mm
B_1	43 mm
d_3	52 mm
D_1	67 mm
B	31 mm
B_4	9 mm
$r_{1,2}$ - min.	1.5 mm
d_a - max.	46 mm
d_b - min.	40 mm
D_a - max.	71 mm
B_a - min.	5 mm
r_a - max.	1.5 mm
Basic dynamic load rating - C	39.7 kN
Basic static load rating - C_0	11.2 kN
Fatigue load limit - Pu	0.59 kN
Reference speed	16000 r/min
Limiting speed	12000 r/min
Calculation factor - k_r	0.05
Calculation factor - e	0.46



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Calculation factor - Y_0	1.4
Calculation factor - Y_1	1.35
Calculation factor - Y_2	2.1
d	30 mm
B_1	43 mm
d_3	52 mm
D_1	67 mm
B_4	9 mm
$r_{1,2}$ min.	1.5 mm
d_a max.	46 mm
d_b min.	40 mm
D_a max.	71 mm
B_a min.	5 mm
r_a max.	1.5 mm
Basic dynamic load rating C	39.7 kN
Basic static load rating C_0	11.2 kN
Fatigue load limit P_u	0.59 kN
Permissible angular misalignment	3 °
Calculation factor k_r	0.05
Calculation factor e	0.46
Calculation factor Y_0	1.4
Calculation factor Y_1	1.35
Calculation factor Y_2	2.1
Mass bearing + adapter sleeve	0.84 kg