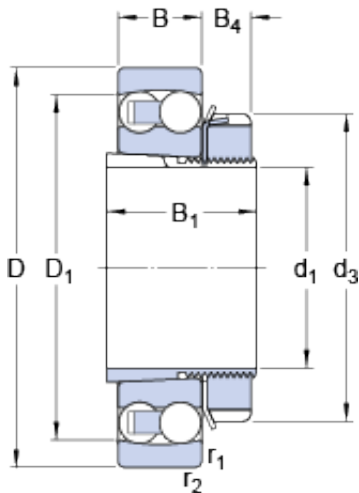




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45 mm x 110 mm x 27 mm SKF 1310 EKTN9 +
H 310 self aligning ball bearings

Bearing No. 1310 EKTN9 + H 310

1310 EKTN9 + H 310 Bearing 2D drawings and 3D
CAD models

Size	110x45x42 mm
Bore Diameter	110 mm
Outer Diameter	45 mm
Width	42 mm
d_1	45 mm
D	110 mm
B_1	42 mm
d_3	70 mm
D_1	92.6 mm
B	27 mm
B_4	12 mm
$r_{1,2}$ - min.	2 mm
d_a - max.	70 mm
d_b - min.	55 mm
D_a - max.	99 mm
B_a - min.	6 mm
r_a - max.	2 mm
Basic dynamic load rating - C	43.6 kN
Basic static load rating - C_0	14 kN
Fatigue load limit - P_u	0.72 kN
Reference speed	12000 r/min
Limiting speed	8000 r/min
Calculation factor - k_r	0.04
Calculation factor - e	0.24



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Calculation factor - Y_0	2.8
Calculation factor - Y_1	2.6
Calculation factor - Y_2	4.1
d	45 mm
B_1	42 mm
d_3	70 mm
D_1	92.6 mm
B_4	12 mm
$r_{1,2}$ min.	2 mm
d_a max.	70 mm
d_b min.	55 mm
D_a max.	99 mm
B_a min.	6 mm
r_a max.	2 mm
Basic dynamic load rating C	43.6 kN
Basic static load rating C_0	14 kN
Fatigue load limit P_u	0.72 kN
Permissible angular misalignment	3 °
Calculation factor k_r	0.04
Calculation factor e	0.24
Calculation factor Y_0	2.8
Calculation factor Y_1	2.6
Calculation factor Y_2	4.1
Mass bearing + adapter sleeve	1.45 kg