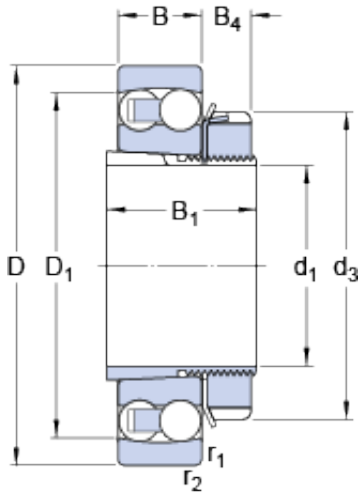




NTN BEARING CORP.

85 mm x 170 mm x 43 mm SKF 2219 K + H 319 self aligning ball bearings

Bearing No. 2219 K + H 319



2219 K + H 319 Bearing 2D drawings and 3D CAD models

Size	170x85x68 mm
Bore Diameter	170 mm
Outer Diameter	85 mm
Width	68 mm
d_1	85 mm
D	170 mm
B_1	68 mm
d_3	125 mm
D_1	148.7 mm
B	43 mm
B_4	19 mm
$r_{1,2}$ - min.	2.1 mm
d_a - max.	118 mm
d_b - min.	102 mm
D_a - max.	158 mm
B_a - min.	10 mm
r_a - max.	2 mm
Basic dynamic load rating - C	83.2 kN
Basic static load rating - C_0	34.5 kN
Fatigue load limit - Pu	1.5 kN
Reference speed	7000 r/min
Limiting speed	5000 r/min
Calculation factor - k_r	0.04
Calculation factor - e	0.27



NTN BEARING CORP.

Calculation factor - Y_0	2.5
Calculation factor - Y_1	2.3
Calculation factor - Y_2	3.6
d	85 mm
B_1	68 mm
d_3	125 mm
D_1	148.7 mm
B_4	19 mm
$r_{1,2}$ min.	2.1 mm
d_a max.	118 mm
d_b min.	102 mm
D_a max.	158 mm
B_a min.	10 mm
r_a max.	2 mm
Basic dynamic load rating C	83.2 kN
Basic static load rating C_0	34.5 kN
Fatigue load limit P_u	1.53 kN
Permissible angular misalignment	2.5 °
Calculation factor k_r	0.04
Calculation factor e	0.27
Calculation factor Y_0	2.5
Calculation factor Y_1	2.3
Calculation factor Y_2	3.6
Mass bearing + adapter sleeve	5.3 kg