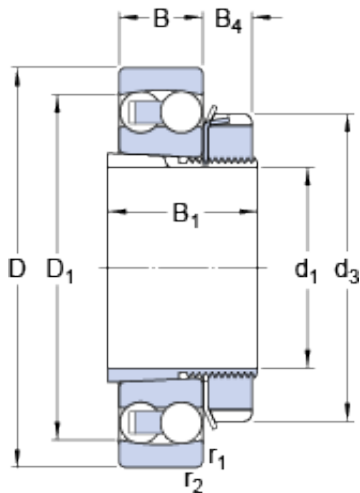




## BEARING-SINGAPORE (PTE)LTD.



40 mm x 100 mm x 36 mm SKF 2309 EKTN9 + H 2309 self aligning ball bearings

Bearing No. 2309 EKTN9 + H 2309

2309 EKTN9 + H 2309 Bearing 2D drawings and 3D CAD models

Size	100x40x50 mm
Bore Diameter	100 mm
Outer Diameter	40 mm
Width	50 mm
$d_1$	40 mm
D	100 mm
$B_1$	50 mm
$d_3$	65 mm
$D_1$	86 mm
B	36 mm
$B_4$	11 mm
$r_{1,2}$ - min.	1.5 mm
$d_a$ - max.	60 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	63.7 kN
Basic static load rating - $C_0$	19.3 kN
Fatigue load limit - $P_u$	1 kN
Reference speed	13000 r/min
Limiting speed	9000 r/min
Calculation factor - $k_r$	0.05
Calculation factor - e	0.33



## BEARING-SINGAPORE (PTE)LTD.

Calculation factor - $Y_0$	2
Calculation factor - $Y_1$	1.9
Calculation factor - $Y_2$	3
d	40 mm
$B_1$	50 mm
$d_3$	65 mm
$D_1$	86 mm
$B_4$	11 mm
$r_{1,2}$ min.	1.5 mm
$d_a$ max.	60 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	63.7 kN
Basic static load rating $C_0$	19.3 kN
Fatigue load limit $P_u$	1 kN
Permissible angular misalignment	3 °
Calculation factor $k_r$	0.05
Calculation factor e	0.33
Calculation factor $Y_0$	2
Calculation factor $Y_1$	1.9
Calculation factor $Y_2$	3
Mass bearing + adapter sleeve	1.4 kg