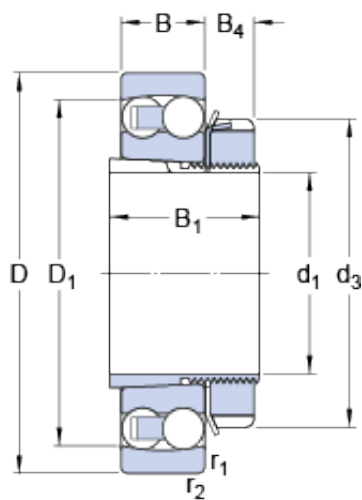




Bearing No. 1307 EKTN9 + H 307

D	80 mm
d	30 mm
B	21 mm
Size (mm)	80x30x35
Width (mm)	35
d ₃	52 mm
B ₁	35 mm
d ₁	30 mm
B ₁	35 mm
d ₃	52 mm
D ₁	67.5 mm
B ₄	9 mm
B ₄	9 mm
Limiting speed	11000 r/min
Bearing number	1307 EKTN9 + H 307
Reference speed	16000 r/min
r _a max.	1.5 mm
B _a min.	7 mm
D _a max.	71 mm
d _b min.	39 mm
d _a max.	51 mm
Bore Diameter (mm)	80
Outer Diameter (mm)	30
B _a - min.	7 mm
r _a - max.	1.5 mm
d _b - min.	39 mm
d _a - max.	51 mm
r _{1,2} min.	1.5 mm
Calculation factor e	0.25

D_a - max.	71 mm
D_1 ?	67.5 mm
Calculation factor - e	0.25
$r_{1,2}$ - min.	1.5 mm
Fatigue load limit - P_u	0.43 kN
Basic dynamic load rating C	26.5 kN
Mass bearing + adapter sleeve	0.65 kg
Basic dynamic load rating - C	26.5 kN
Calculation factor k_r	0.04
Calculation factor Y_2	3.9
Calculation factor Y_1	2.5
Calculation factor Y_0	2.5
Fatigue load limit P_u	0.43 kN
Calculation factor - Y_2	3.9
Calculation factor - Y_1	2.5
Calculation factor - k_r	0.04
Calculation factor - Y_0	2.5
Permissible angular misalignment ?	3 °
Basic static load rating C_0	8.5 kN
Basic static load rating - C_0	8.5 kN