



Bearing No. 2209 EKTN9 + H 309

D	85 mm
d	40 mm
B	23 mm
Size (mm)	85x40x39
Width (mm)	39
d ₃	65 mm
B ₁	39 mm
d ₁	40 mm
B ₁	39 mm
d ₃	65 mm
D ₁	73.2 mm
B ₄	11 mm
B ₄	11 mm
Limiting speed	10000 r/min
Bearing number	2209 EKTN9 + H 309
Reference speed	15000 r/min
r _a max.	1.1 mm
B _a min.	8 mm
D _a max.	78 mm
d _b min.	50 mm
d _a max.	55 mm
Bore Diameter (mm)	85
Outer Diameter (mm)	40
B _a - min.	8 mm
r _a - max.	1.1 mm
d _b - min.	50 mm
d _a - max.	55 mm
r _{1,2} min.	1.1 mm
Calculation factor e	0.26

D_a - max.	78 mm
D_1 ?	73.2 mm
Calculation factor - e	0.26
$r_{1,2}$ - min.	1.1 mm
Fatigue load limit - P_u	0.54 kN
Basic dynamic load rating C	32.5 kN
Mass bearing + adapter sleeve	0.78 kg
Basic dynamic load rating - C	32.5 kN
Calculation factor k_r	0.045
Calculation factor Y_2	3.7
Calculation factor Y_1	2.4
Calculation factor Y_0	2.5
Fatigue load limit P_u	0.54 kN
Calculation factor - Y_2	3.7
Calculation factor - Y_1	2.4
Calculation factor - k_r	0.045
Calculation factor - Y_0	2.5
Permissible angular misalignment ?	2.5 °
Basic static load rating C_0	10.6 kN
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