



Bearing No. 2308 EKTN9 + H 2308

D	90 mm
d	35 mm
B	33 mm
Size (mm)	90x35x46
Width (mm)	46
d ₃	58 mm
B ₁	46 mm
d ₁	35 mm
B ₁	46 mm
d ₃	58 mm
D ₁	77.8 mm
B ₄	10 mm
B ₄	10 mm
Limiting speed	10000 r/min
Bearing number	2308 EKTN9 + H 2308
Reference speed	14000 r/min
r _a max.	1.5 mm
B _a min.	6 mm
D _a max.	81 mm
d _b min.	45 mm
d _a max.	53 mm
Bore Diameter (mm)	90
Outer Diameter (mm)	35
B _a - min.	6 mm
r _a - max.	1.5 mm
d _b - min.	45 mm
d _a - max.	53 mm
r _{1,2} min.	1.5 mm
Calculation factor e	0.4

D_a - max.	81 mm
D_1 ?	77.8 mm
Calculation factor - e	0.4
$r_{1,2}$ - min.	1.5 mm
Fatigue load limit - P_u	0.82 kN
Basic dynamic load rating C	54 kN
Mass bearing + adapter sleeve	1.1 kg
Basic dynamic load rating - C	54 kN
Calculation factor k_r	0.05
Calculation factor Y_2	2.4
Calculation factor Y_1	1.6
Calculation factor Y_0	1.6
Fatigue load limit P_u	0.82 kN
Calculation factor - Y_2	2.4
Calculation factor - Y_1	1.6
Calculation factor - k_r	0.05
Calculation factor - Y_0	1.6
Permissible angular misalignment ?	3 °
Basic static load rating C_0	16 kN
Basic static load rating - C_0	16 kN