



Bearing No. 2210 EKTN9 + H 310

D	90 mm
d	45 mm
B	23 mm
Size (mm)	90x45x42
Width (mm)	42
d ₃	70 mm
B ₁	42 mm
d ₁	45 mm
B ₁	42 mm
d ₃	70 mm
D ₁	80.2 mm
B ₄	12 mm
B ₄	12 mm
Limiting speed	9500 r/min
Bearing number	2210 EKTN9 + H 310
Reference speed	14000 r/min
r _a max.	1.1 mm
B _a min.	10 mm
D _a max.	83 mm
d _b min.	55 mm
d _a max.	61 mm
Bore Diameter (mm)	90
Outer Diameter (mm)	45
B _a - min.	10 mm
r _a - max.	1.1 mm
d _b - min.	55 mm
d _a - max.	61 mm
r _{1,2} min.	1.1 mm
Calculation factor e	0.23

D_a - max.	83 mm
D_1 ?	80.2 mm
Calculation factor - e	0.23
$r_{1,2}$ - min.	1.1 mm
Fatigue load limit - P_u	0.57 kN
Basic dynamic load rating C	33.8 kN
Mass bearing + adapter sleeve	0.87 kg
Basic dynamic load rating - C	33.8 kN
Calculation factor k_r	0.045
Calculation factor Y_2	4.2
Calculation factor Y_1	2.7
Calculation factor Y_0	2.8
Fatigue load limit P_u	0.57 kN
Calculation factor - Y_2	4.2
Calculation factor - Y_1	2.7
Calculation factor - k_r	0.045
Calculation factor - Y_0	2.8
Permissible angular misalignment ?	2.5 °
Basic static load rating C_0	11.2 kN
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