



Bearing No. 1310 EKTN9 + H 310

D	110 mm
d	45 mm
B	27 mm
Size (mm)	110x45x42
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	92.6 mm
B ₄	12 mm
B ₄	12 mm
Limiting speed	8000 r/min
Bearing number	1310 EKTN9 + H 310
Reference speed	12000 r/min
r _a max.	2 mm
B _a min.	6 mm
D _a max.	99 mm
d _b min.	55 mm
d _a max.	70 mm
Bore Diameter (mm)	110
Outer Diameter (mm)	45
B _a - min.	6 mm
r _a - max.	2 mm
d _b - min.	55 mm
d _a - max.	70 mm
r _{1,2} min.	2 mm
Calculation factor e	0.24

D_a - max.	99 mm
D_1 ?	92.6 mm
Calculation factor - e	0.24
$r_{1,2}$ - min.	2 mm
Fatigue load limit - P_u	0.72 kN
Basic dynamic load rating C	43.6 kN
Mass bearing + adapter sleeve	1.45 kg
Basic dynamic load rating - C	43.6 kN
Calculation factor k_r	0.04
Calculation factor Y_2	4.1
Calculation factor Y_1	2.6
Calculation factor Y_0	2.8
Fatigue load limit P_u	0.72 kN
Calculation factor - Y_2	4.1
Calculation factor - Y_1	2.6
Calculation factor - k_r	0.04
Calculation factor - Y_0	2.8
Permissible angular misalignment ?	3 °
Basic static load rating C_0	14 kN
Basic static load rating - C_0	14 kN