



Bearing No. 2310 K + H 2310

D	110 mm
d	45 mm
B	40 mm
Size (mm)	110x45x55
Width (mm)	55
d_3	70 mm
B_1	55 mm
d_1	45 mm
B_1	55 mm
d_3	70 mm
D_1	92.5 mm
B_4	12 mm
B_4	12 mm
Limiting speed	9500 r/min
Bearing number	2310 K + H 2310
Reference speed	14000 r/min
r_a max.	2 mm
B_a min.	6 mm
D_a max.	99 mm
d_b min.	56 mm
d_a max.	65 mm
Bore Diameter (mm)	110
Outer Diameter (mm)	45
B_a - min.	6 mm
r_a - max.	2 mm
d_b - min.	56 mm
d_a - max.	65 mm
$r_{1,2}$ min.	2 mm
Calculation factor e	0.43

D_a - max.	99 mm
D_1 ?	92.5 mm
Calculation factor - e	0.43
$r_{1,2}$ - min.	2 mm
Fatigue load limit - P_u	1 kN
Basic dynamic load rating C	63.7 kN
Mass bearing + adapter sleeve	1.9 kg
Basic dynamic load rating - C	63.7 kN
Calculation factor k_r	0.05
Calculation factor Y_2	2.3
Calculation factor Y_1	1.5
Calculation factor Y_0	1.6
Fatigue load limit P_u	1.04 kN
Calculation factor - Y_2	2.3
Calculation factor - Y_1	1.5
Calculation factor - k_r	0.05
Calculation factor - Y_0	1.6
Permissible angular misalignment ?	3 °
Basic static load rating C_0	20 kN
Basic static load rating - C_0	20 kN