



Bearing No. 2311 K + H 2311

D	120 mm
d	50 mm
B	43 mm
Size (mm)	120x50x59
Width (mm)	59
d ₃	75 mm
B ₁	59 mm
d ₁	50 mm
B ₁	59 mm
d ₃	75 mm
D ₁	101 mm
B ₄	12.5 mm
B ₄	12.5 mm
Limiting speed	7500 r/min
Bearing number	2311 K + H 2311
Reference speed	11000 r/min
r _a max.	2 mm
B _a min.	7 mm
D _a max.	109 mm
d _b min.	61 mm
d _a max.	72 mm
Bore Diameter (mm)	120
Outer Diameter (mm)	50
B _a - min.	7 mm
r _a - max.	2 mm
d _b - min.	61 mm
d _a - max.	72 mm
r _{1,2} min.	2 mm
Calculation factor e	0.4

D_a - max.	109 mm
D_1 ?	101 mm
Calculation factor - e	0.4
$r_{1,2}$ - min.	2 mm
Fatigue load limit - P_u	1.2 kN
Basic dynamic load rating C	76.1 kN
Mass bearing + adapter sleeve	2.4 kg
Basic dynamic load rating - C	76.1 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	1.25 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	24 kN
Basic static load rating - C_0	24 kN