



Bearing No. 2212 EKTN9 + H 312

D	110 mm
d	55 mm
B	28 mm
Size (mm)	110x55x47
Width (mm)	47
d ₃	80 mm
B ₁	47 mm
d ₁	55 mm
B ₁	47 mm
d ₃	80 mm
D ₁	96.9 mm
B ₄	13 mm
B ₄	13 mm
Limiting speed	8000 r/min
Bearing number	2212 EKTN9 + H 312
Reference speed	11000 r/min
r _a max.	1.5 mm
B _a min.	9 mm
D _a max.	101 mm
d _b min.	65 mm
d _a max.	74 mm
Bore Diameter (mm)	110
Outer Diameter (mm)	55
B _a - min.	9 mm
r _a - max.	1.5 mm
d _b - min.	65 mm
d _a - max.	74 mm
r _{1,2} min.	1.5 mm
Calculation factor e	0.24

D_a - max.	101 mm
D_1 ?	96.9 mm
Calculation factor - e	0.24
$r_{1,2}$ - min.	1.5 mm
Fatigue load limit - P_u	0.88 kN
Basic dynamic load rating C	48.8 kN
Mass bearing + adapter sleeve	1.45 kg
Basic dynamic load rating - C	48.8 kN
Calculation factor k_r	0.045
Calculation factor Y_2	4.1
Calculation factor Y_1	2.6
Calculation factor Y_0	2.8
Fatigue load limit P_u	0.88 kN
Calculation factor - Y_2	4.1
Calculation factor - Y_1	2.6
Calculation factor - k_r	0.045
Calculation factor - Y_0	2.8
Permissible angular misalignment ?	2.5 °
Basic static load rating C_0	17 kN
Basic static load rating - C_0	17 kN