



Bearing No. 1312 EKTN9 + H 312

D	130 mm
d	55 mm
B	31 mm
Size (mm)	130x55x47
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	116.7 mm
B ₄	13 mm
B ₄	13 mm
Limiting speed	6300 r/min
Bearing number	1312 EKTN9 + H 312
Reference speed	9000 r/min
r _a max.	2 mm
B _a min.	7 mm
D _a max.	118 mm
d _b min.	65 mm
d _a max.	87 mm
Bore Diameter (mm)	130
Outer Diameter (mm)	55
B _a - min.	7 mm
r _a - max.	2 mm
d _b - min.	65 mm
d _a - max.	87 mm
r _{1,2} min.	2.1 mm
Calculation factor e	0.22

D_a - max.	118 mm
D_1 ?	116.7 mm
Calculation factor - e	0.22
$r_{1,2}$ - min.	2.1 mm
Fatigue load limit - P_u	1.1 kN
Basic dynamic load rating C	58.5 kN
Mass bearing + adapter sleeve	2.15 kg
Basic dynamic load rating - C	58.5 kN
Calculation factor k_r	0.04
Calculation factor Y_2	4.5
Calculation factor Y_1	2.9
Calculation factor Y_0	2.8
Fatigue load limit P_u	1.12 kN
Calculation factor - Y_2	4.5
Calculation factor - Y_1	2.9
Calculation factor - k_r	0.04
Calculation factor - Y_0	2.8
Permissible angular misalignment ?	3 °
Basic static load rating C_0	22 kN
Basic static load rating - C_0	22 kN