



7312 BECBPH Bearing 2D drawings and 3D CAD models

60 mm x 130 mm x 31 mm SKF 7312 BECBPH angular contact ball bearings

Bearing No. 7312 BECBPH

Size	130x60x31 mm
Bore Diameter	130 mm
Outer Diameter	60 mm
Width	31 mm
d	60 mm
D	130 mm
B	31 mm
d ₁	87.25 mm
d ₂	72.6 mm
D ₁	104.8 mm
a	55 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	1.1 mm
d _a - min.	72 mm
D _a - max.	118 mm
D _b - max.	123 mm
r _a - max.	2 mm
r _b - max.	1 mm
Basic dynamic load rating - C	104 kN
Basic static load rating - C ₀	76.5 kN
Fatigue load limit - P _u	3.2 kN
Reference speed	6700 r/min
Limiting speed	6700 r/min
Calculation factor - k _r	0.1



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Calculation factor - k_a	1.6
Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - Y_0	0.52
Calculation factor - Y_1	0.55
Calculation factor - Y_2	0.93
Calculation factor - X	0.35
Calculation factor - Y_0	0.26
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
d_1	87.25 mm
d_2	72.6 mm
D_1	104.8 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1.1 mm
d_a min.	72 mm
D_a max.	118 mm
D_b max.	123 mm
r_a max.	2 mm
r_b max.	1 mm
Basic dynamic load rating C	104 kN
Basic static load rating C_0	76.5 kN
Fatigue load limit P_u	3.2 kN
Calculation factor A	0.0846
Calculation factor k_r	0.1
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y_0	0.26
Calculation factor Y_2	0.57
Calculation factor X	0.57
Calculation factor Y_0	0.52



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Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Mass bearing	1.75 kg