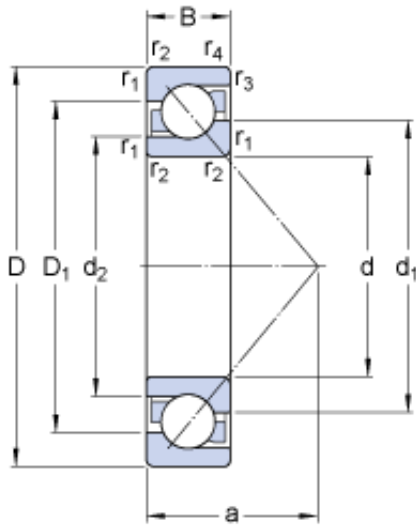




NSK BEARING CORP.OF AMERICA



7312 BECBPH Bearing 2D drawings and 3D CAD models

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
Calculation factor - k _a	1.6



NSK BEARING CORP.OF AMERICA

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
Calculation factor Y ₁	0.55



NSK BEARING CORP.OF AMERICA

Calculation factor Y_2	0.93
Mass bearing	1.75 kg