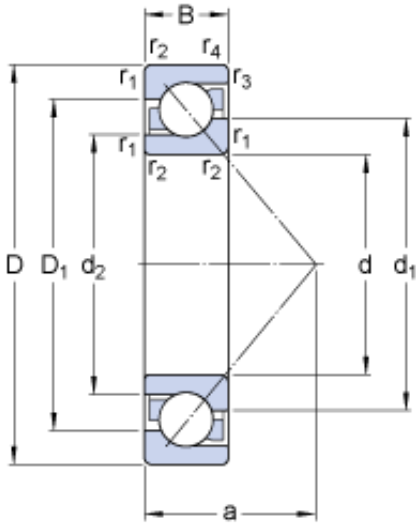




SKF Wheel Bearings DEVELOP MFG.CORP.



7212 BECBPH Bearing 2D drawings and 3D CAD models

60 mm x 110 mm x 22 mm SKF 7212 BECBPH angular contact ball bearings

Bearing No. 7212 BECBPH

Size	110x60x22 mm
Bore Diameter	110 mm
Outer Diameter	60 mm
Width	22 mm
d	60 mm
D	110 mm
B	22 mm
d ₁	79.6 mm
d ₂	69.32 mm
D ₁	91.55 mm
a	47 mm
r _{1,2} - min.	1.5 mm
r _{3,4} - min.	1 mm
d _a - min.	69 mm
D _a - max.	101 mm
D _b - max.	104 mm
r _a - max.	1.5 mm
r _b - max.	1 mm
Basic dynamic load rating - C	61 kN
Basic static load rating - C ₀	50 kN
Fatigue load limit - P _u	2.1 kN
Reference speed	7500 r/min
Limiting speed	7500 r/min
Calculation factor - k _r	0.095



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Calculation factor - k_a	1.4
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	79.6 mm
d_2	69.32 mm
D_1	91.55 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1 mm
d_a min.	69 mm
D_a max.	101 mm
D_b max.	104 mm
r_a max.	1.5 mm
r_b max.	1 mm
Basic dynamic load rating C	61 kN
Basic static load rating C_0	50 kN
Fatigue load limit P_u	2.12 kN
Calculation factor A	0.0344
Calculation factor k_r	0.095
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	0.8 kg