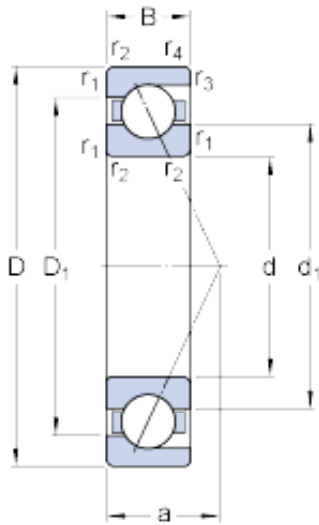




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708/500 AMB Bearing 2D drawings and 3D CAD models

500 mm x 620 mm x 37 mm SKF 708/500 AMB angular contact ball bearings

Bearing No. 708/500 AMB

Size	620x500x37 mm
Bore Diameter	620 mm
Outer Diameter	500 mm
Width	37 mm
d	500 mm
D	620 mm
B	37 mm
d ₁	545.7 mm
D ₁	573.76 mm
a	180 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	1.1 mm
d _a - min.	511 mm
D _a - max.	609 mm
D _b - max.	614 mm
r _a - max.	2 mm
r _b - max.	1 mm
Basic dynamic load rating - C	276 kN
Basic static load rating - C ₀	620 kN
Fatigue load limit - P _u	11 kN
Reference speed	1000 r/min
Limiting speed	1000 r/min
Calculation factor - k _r	0.078
Calculation factor - k _a	0.2



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Calculation factor - e	0.8
Calculation factor - X	0.63
Calculation factor - Y_0	0.66
Calculation factor - Y_1	0.78
Calculation factor - Y_2	1.24
Calculation factor - X	0.39
Calculation factor - Y_0	0.33
Calculation factor - Y_1	
Calculation factor - Y_2	0.76
d_1	545.7 mm
D_1	573.76 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1.1 mm
d_a min.	511 mm
D_a max.	609 mm
D_b max.	614 mm
r_a max.	2 mm
r_b max.	1 mm
Basic dynamic load rating C	276 kN
Basic static load rating C_0	620 kN
Fatigue load limit P_u	11 kN
Calculation factor A	2.61
Calculation factor k_r	0.078
Calculation factor e	0.8
Calculation factor X	0.39
Calculation factor Y_0	0.33
Calculation factor Y_2	0.76
Calculation factor X	0.63
Calculation factor Y_0	0.66
Calculation factor Y_1	0.78
Calculation factor Y_2	1.24



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Mass bearing	26 kg
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