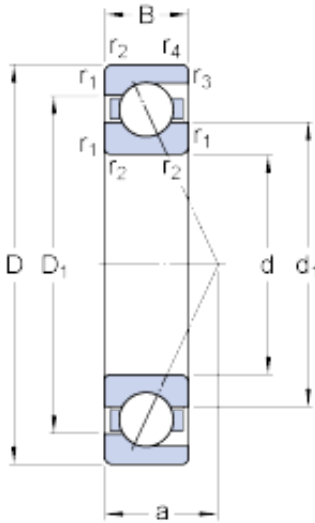




SNR BEARING CORP.OF AMERICA



718/500 AGMB Bearing 2D drawings and 3D CAD models

500 mm x 620 mm x 56 mm skf 718/500 AGMB
Single row angular contact ball bearings

Bearing No. 718/500 AGMB

Size	620x500x56 mm
Bore Diameter	620 mm
Outer Diameter	500 mm
Width	56 mm
d	500 mm
D	620 mm
B	56 mm
d ₁	539.9 mm
D ₁	580.2 mm
a	190 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	1.1 mm
d _a - min.	513 mm
D _a - max.	607 mm
D _b - max.	614 mm
r _a - max.	2.5 mm
r _b - max.	1 mm
Basic dynamic load rating - C	390 kN
Basic static load rating - C ₀	850 kN
Fatigue load limit - P _u	15.3 kN
Reference speed	1000 r/min
Limiting speed	1000 r/min
Calculation factor - k _r	0.08
Calculation factor - k _a	0.3



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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	539.9 mm
D_1	580.2 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
d_a min.	513 mm
D_a max.	607 mm
D_b max.	614 mm
r_a max.	2.5 mm
r_b max.	1 mm
Basic dynamic load rating C	390 kN
Basic static load rating C_0	850 kN
Fatigue load limit P_u	15.3 kN
Calculation factor A	5.03
Calculation factor k_r	0.08
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

38 kg