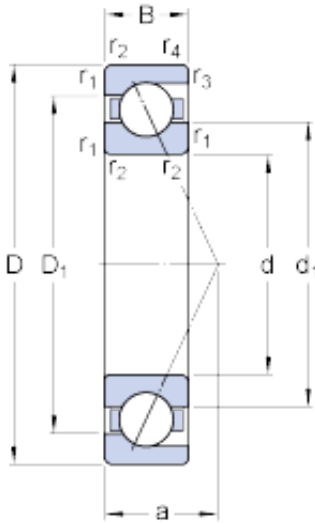




# SNR BEARING CORP.OF AMERICA



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 <sub>1</sub>	539.9 mm
D <sub>1</sub>	580.2 mm
a	190 mm
r <sub>1,2</sub> - min.	3 mm
r <sub>3,4</sub> - min.	1.1 mm
d <sub>a</sub> - min.	513 mm
D <sub>a</sub> - max.	607 mm
D <sub>b</sub> - max.	614 mm
r <sub>a</sub> - max.	2.5 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	390 kN
Basic static load rating - C <sub>0</sub>	850 kN
Fatigue load limit - P <sub>u</sub>	15.3 kN
Reference speed	1000 r/min
Limiting speed	1000 r/min
Calculation factor - k <sub>r</sub>	0.08
Calculation factor - k <sub>a</sub>	0.3



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Calculation factor - e	0.8
Calculation factor - X	0.63
Calculation factor - Y <sub>0</sub>	0.66
Calculation factor - Y <sub>1</sub>	0.78
Calculation factor - Y <sub>2</sub>	1.24
Calculation factor - X	0.39
Calculation factor - Y <sub>0</sub>	0.33
Calculation factor - Y <sub>1</sub>	
Calculation factor - Y <sub>2</sub>	0.76
d <sub>1</sub>	539.9 mm
D <sub>1</sub>	580.2 mm
r <sub>1,2</sub> min.	3 mm
r <sub>3,4</sub> min.	1.1 mm
d <sub>a</sub> min.	513 mm
D <sub>a</sub> max.	607 mm
D <sub>b</sub> max.	614 mm
r <sub>a</sub> max.	2.5 mm
r <sub>b</sub> max.	1 mm
Basic dynamic load rating C	390 kN
Basic static load rating C <sub>0</sub>	850 kN
Fatigue load limit P <sub>u</sub>	15.3 kN
Calculation factor A	5.03
Calculation factor k <sub>r</sub>	0.08
Calculation factor e	0.8
Calculation factor X	0.39
Calculation factor Y <sub>0</sub>	0.33
Calculation factor Y <sub>2</sub>	0.76
Calculation factor X	0.63
Calculation factor Y <sub>0</sub>	0.66
Calculation factor Y <sub>1</sub>	0.78
Calculation factor Y <sub>2</sub>	1.24



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Mass bearing	
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	38 kg
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