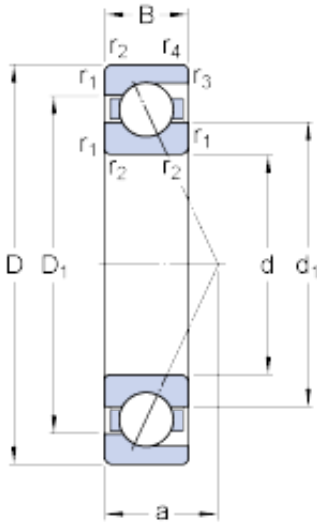




Timken BEARING CORP.of CANADA LTD.



500 mm x 670 mm x 78 mm SKF 719/500
AGMB angular contact ball bearings

Bearing No. 719/500 AGMB

719/500 AGMB Bearing 2D drawings and 3D CAD models

Size	670x500x78 mm
Bore Diameter	670 mm
Outer Diameter	500 mm
Width	78 mm
d	500 mm
D	670 mm
B	78 mm
d ₁	557 mm
D ₁	616.3 mm
a	208 mm
r _{1,2} - min.	5 mm
r _{3,4} - min.	2 mm
d _a - min.	518 mm
D _a - max.	652 mm
D _b - max.	661 mm
r _a - max.	4 mm
r _b - max.	2 mm
Basic dynamic load rating - C	553 kN
Basic static load rating - C ₀	1220 kN
Fatigue load limit - P _u	21.2 kN
Reference speed	950 r/min
Limiting speed	1000 r/min
Calculation factor - k _r	0.083
Calculation factor - k _a	0.4



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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	557 mm
D_1	616.3 mm
$r_{1,2}$ min.	5 mm
$r_{3,4}$ min.	2 mm
d_a min.	518 mm
D_a max.	652 mm
D_b max.	661 mm
r_a max.	4 mm
r_b max.	2 mm
Basic dynamic load rating C	553 kN
Basic static load rating C_0	1220 kN
Fatigue load limit P_u	21.2 kN
Calculation factor A	10.5
Calculation factor k_r	0.083
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	
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	78 kg
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