



7084 AM Bearing 2D drawings and 3D CAD models

420 mm x 620 mm x 90 mm SKF 7084 AM
angular contact ball bearings

Bearing No. 7084 AM

Size	620x420x90 mm
Bore Diameter	620 mm
Outer Diameter	420 mm
Width	90 mm
d	420 mm
D	620 mm
B	90 mm
d ₁	498.4 mm
d ₂	463.16 mm
D ₁	548 mm
a	195 mm
r _{1,2} - min.	5 mm
r _{3,4} - min.	2 mm
d _a - min.	438 mm
D _a - max.	602 mm
D _b - max.	611 mm
r _a - max.	4 mm
r _b - max.	2 mm
Basic dynamic load rating - C	605 kN
Basic static load rating - C ₀	1180 kN
Fatigue load limit - P _u	22 kN
Reference speed	1100 r/min
Limiting speed	1100 r/min
Calculation factor - k _r	0.085

Calculation factor - k_a	0.5
Calculation factor - e	0.8
Calculation factor - X	0.39
Calculation factor - Y_0	0.33
Calculation factor - Y_1	
Calculation factor - Y_2	0.76
d_1	498.4 mm
d_2	463.16 mm
D_1	548 mm
$r_{1,2}$ min.	5 mm
$r_{3,4}$ min.	2 mm
d_a min.	438 mm
D_a max.	602 mm
D_b max.	611 mm
r_a max.	4 mm
r_b max.	2 mm
Basic dynamic load rating C	605 kN
Basic static load rating C_0	1180 kN
Fatigue load limit P_u	22 kN
Calculation factor A	10.9
Calculation factor k_r	0.085
Calculation factor e	0.8
Calculation factor X	0.39
Calculation factor Y_0	0.33
Calculation factor Y_2	0.76
Mass bearing	95 kg