



71984 AM Bearing 2D drawings and 3D CAD models

## 420 mm x 560 mm x 65 mm SKF 71984 AM Angular contact ball bearing

Bearing No. 71984 AM

Size	560x420x65 mm
Bore Diameter	560 mm
Outer Diameter	420 mm
Width	65 mm
d	420 mm
D	560 mm
B	65 mm
d <sub>1</sub>	467 mm
D <sub>1</sub>	517 mm
a	174 mm
r <sub>1,2</sub> - min.	4 mm
r <sub>3,4</sub> - min.	1.5 mm
d <sub>a</sub> - min.	435 mm
D <sub>a</sub> - max.	545 mm
D <sub>b</sub> - max.	553 mm
r <sub>a</sub> - max.	3 mm
r <sub>b</sub> - max.	1.5 mm
Basic dynamic load rating - C	423 kN
Basic static load rating - C <sub>0</sub>	800 kN
Fatigue load limit - P <sub>u</sub>	16 kN
Reference speed	1200 r/min
Limiting speed	1200 r/min
Calculation factor - k <sub>r</sub>	0.083
Calculation factor - k <sub>a</sub>	0.4

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
$d_1$	467.2 mm
$D_1$	515.35 mm
$r_{1,2}$ min.	4 mm
$r_{3,4}$ min.	1.5 mm
$d_a$ min.	433 mm
$D_a$ max.	547 mm
$D_b$ max.	553 mm
$r_a$ max.	3 mm
$r_b$ max.	1.5 mm
Basic dynamic load rating C	410 kN
Basic static load rating $C_0$	765 kN
Fatigue load limit $P_u$	15.3 kN
Calculation factor A	4.75
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
Mass bearing	42 kg