



# SNR BEARING CORP.OF AMERICA



7252 BM Bearing 2D drawings and 3D CAD models

260 mm x 480 mm x 80 mm skf 7252 BM Single row angular contact ball bearings

Bearing No. 7252 BM

Size	480x260x80 mm
Bore Diameter	480 mm
Outer Diameter	260 mm
Width	80 mm
d	260 mm
D	480 mm
B	80 mm
d <sub>1</sub>	346 mm
d <sub>2</sub>	304 mm
D <sub>1</sub>	400 mm
a	195 mm
r <sub>1,2</sub> - min.	5 mm
r <sub>3,4</sub> - min.	2 mm
d <sub>a</sub> - min.	280 mm
D <sub>a</sub> - max.	460 mm
D <sub>b</sub> - max.	469 mm
r <sub>a</sub> - max.	4 mm
r <sub>b</sub> - max.	2 mm
Basic dynamic load rating - C	507 kN
Basic static load rating - C <sub>0</sub>	780 kN
Fatigue load limit - P <sub>u</sub>	17.3 kN
Reference speed	1400 r/min
Limiting speed	1500 r/min
Calculation factor - k <sub>r</sub>	0.08



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Calculation factor - $k_a$	1.2
Calculation factor - e	1.14
Calculation factor - X	0.35
Calculation factor - $Y_0$	0.26
Calculation factor - $Y_1$	
Calculation factor - $Y_2$	0.57
$d_1$	346 mm
$d_2$	304 mm
$D_1$	400 mm
$r_{1,2}$ min.	5 mm
$r_{3,4}$ min.	2 mm
$d_a$ min.	280 mm
$D_a$ max.	460 mm
$D_b$ max.	469 mm
$r_a$ max.	4 mm
$r_b$ max.	2 mm
Basic dynamic load rating C	507 kN
Basic static load rating $C_0$	780 kN
Fatigue load limit $P_u$	17.3 kN
Calculation factor A	7.5
Calculation factor $k_r$	0.08
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor $Y_0$	0.26
Calculation factor $Y_2$	0.57
Mass bearing	66 kg