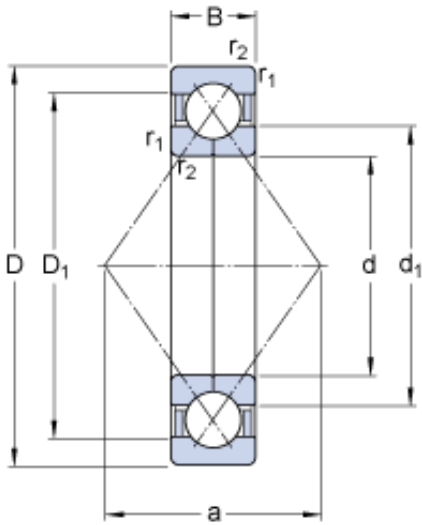




# Ligao Mechanical Bearing Co., Ltd



QJ 1252 MA Bearing 2D drawings and 3D CAD models

260 mm x 480 mm x 90 mm SKF QJ 1252 MA  
angular contact ball bearings

Bearing No. QJ 1252 MA

Size	480x260x90 mm
Bore Diameter	480 mm
Outer Diameter	260 mm
Width	90 mm
d	260 mm
D	480 mm
B	90 mm
d <sub>1</sub>	345 mm
D <sub>1</sub>	395 mm
a	370 mm
r <sub>1,2</sub> - min.	5 mm
d <sub>a</sub> - min.	282 mm
D <sub>a</sub> - max.	458 mm
r <sub>a</sub> - max.	4 mm
Basic dynamic load rating - C	741 kN
Basic static load rating - C <sub>0</sub>	1460 kN
Fatigue load limit - P <sub>u</sub>	32 kN
Reference speed	1300 r/min
Limiting speed	2200 r/min
Calculation factor - k <sub>a</sub>	0.9
Calculation factor - e	1.34
Calculation factor - X	0.54
Calculation factor - Y <sub>0</sub>	0.44
Calculation factor - Y <sub>1</sub>	0.47



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Calculation factor - $Y_2$	0.81
$d_1$	345 mm
$D_1$	395 mm
$r_{1,2}$ min.	5 mm
$d_a$ min.	282 mm
$D_a$ max.	458 mm
$r_a$ max.	4 mm
Basic dynamic load rating C	741 kN
Basic static load rating $C_0$	1460 kN
Fatigue load limit $P_u$	32 kN
Calculation factor A	12.3
Calculation factor e	1.34
Calculation factor X	0.54
Calculation factor $Y_0$	0.44
Calculation factor $Y_1$	0.47
Calculation factor $Y_2$	0.81
Mass bearing	78.5 kg