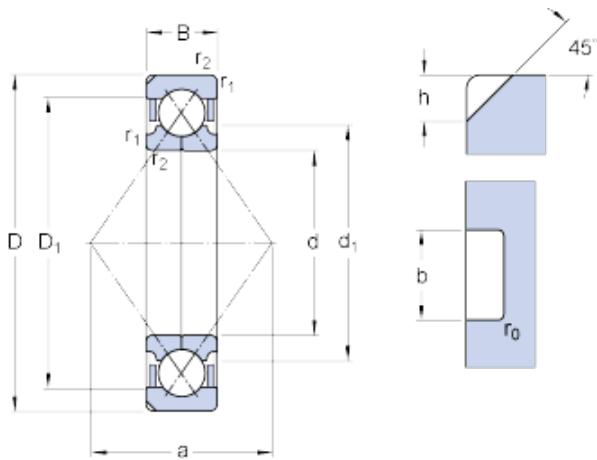




# GF BEARING-SINGAPORE LTD.



17 mm x 40 mm x 12 mm skf QJ 203 N2MA  
four-point contact ball bearings

Bearing No. QJ 203 N2MA

QJ 203 N2MA Bearing 2D drawings and 3D CAD models

Size	40x17x12 mm
Bore Diameter	40 mm
Outer Diameter	17 mm
Width	12 mm
d	17 mm
D	40 mm
B	12 mm
d <sub>1</sub>	23.5 mm
D <sub>1</sub>	32.5 mm
a	20 mm
h	2.5 mm
b	3.5 mm
r <sub>0</sub>	0.5 mm
r <sub>1,2</sub> - min.	0.6 mm
d <sub>a</sub> - min.	21.2 mm
D <sub>a</sub> - max.	35.8 mm
r <sub>a</sub> - max.	0.6 mm
Basic dynamic load rating - C	17 kN
Basic static load rating - C <sub>0</sub>	11.4 kN
Fatigue load limit - P <sub>u</sub>	0.48 kN
Reference speed	22000 r/min
Limiting speed	30000 r/min
Calculation factor - k <sub>a</sub>	1
Calculation factor - e	0.95



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Calculation factor - X	0.6
Calculation factor - $Y_0$	0.58
Calculation factor - $Y_1$	0.66
Calculation factor - $Y_2$	1.07
$d_1$	23.5 mm
$D_1$	32.5 mm
$r_0$	0.5 mm
$r_{1,2}$ min.	0.6 mm
$d_a$ min.	21.2 mm
$D_a$ max.	35.8 mm
$r_a$ max.	0.6 mm
Basic dynamic load rating C	17 kN
Basic static load rating $C_0$	11.4 kN
Fatigue load limit $P_u$	0.48 kN
Calculation factor A	0.000427
Calculation factor e	0.95
Calculation factor X	0.6
Calculation factor $Y_0$	0.58
Calculation factor $Y_1$	0.66
Calculation factor $Y_2$	1.07
Mass bearing	0.082 kg