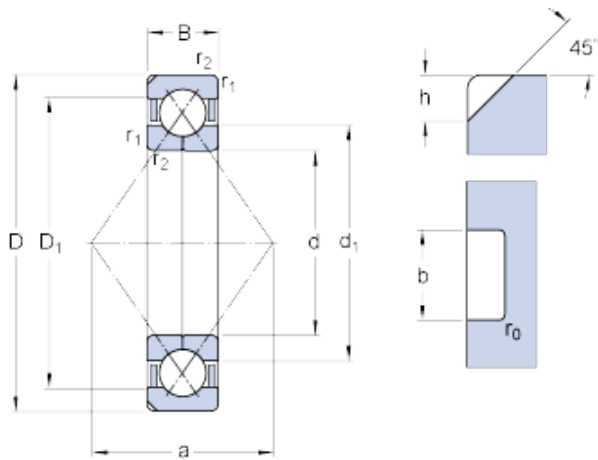




# GF BEARING-SINGAPORE LTD.



15 mm x 35 mm x 11 mm skf QJ 202 N2MA  
four-point contact ball bearings

Bearing No. QJ 202 N2MA

QJ 202 N2MA Bearing 2D drawings and 3D CAD models

Size	35x15x11 mm
Bore Diameter	35 mm
Outer Diameter	15 mm
Width	11 mm
d	15 mm
D	35 mm
B	11 mm
d <sub>1</sub>	22 mm
D <sub>1</sub>	28.1 mm
a	18 mm
h	2.2 mm
b	3 mm
r <sub>0</sub>	0.5 mm
r <sub>1,2</sub> - min.	0.6 mm
d <sub>a</sub> - min.	19.2 mm
D <sub>a</sub> - max.	30.8 mm
r <sub>a</sub> - max.	0.6 mm
Basic dynamic load rating - C	12.7 kN
Basic static load rating - C <sub>0</sub>	8.3 kN
Fatigue load limit - P <sub>u</sub>	0.355 kN
Reference speed	22000 r/min
Limiting speed	36000 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
$d_1$	22 mm
$D_1$	28.1 mm
$r_0$	0.5 mm
$r_{1,2}$ min.	0.6 mm
$d_a$ min.	19.2 mm
$D_a$ max.	30.8 mm
$r_a$ max.	0.6 mm
Basic dynamic load rating C	12.7 kN
Basic static load rating $C_0$	8.3 kN
Fatigue load limit $P_u$	0.355 kN
Calculation factor A	0.000257
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	0.062 kg