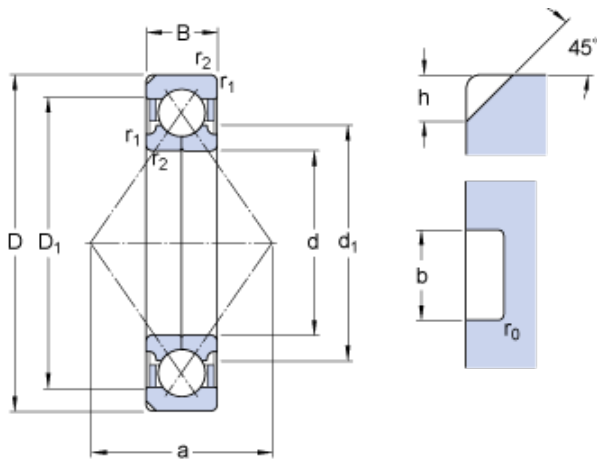




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55 mm x 100 mm x 21 mm skf QJ 211 N2MA
four-point contact ball bearings

Bearing No. QJ 211 N2MA

QJ 211 N2MA Bearing 2D drawings and 3D CAD models

Size	100x55x21 mm
Bore Diameter	100 mm
Outer Diameter	55 mm
Width	21 mm
d	55 mm
D	100 mm
B	21 mm
d ₁	66 mm
D ₁	84.7 mm
a	54 mm
h	5 mm
b	6.5 mm
r ₀	0.5 mm
r _{1,2} - min.	1.5 mm
d _a - min.	64 mm
D _a - max.	91 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	85 kN
Basic static load rating - C ₀	83 kN
Fatigue load limit - P _u	3.6 kN
Reference speed	8000 r/min
Limiting speed	11000 r/min
Calculation factor - k _a	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	66 mm
D_1	84.7 mm
r_0	0.5 mm
$r_{1,2}$ min.	1.5 mm
d_a min.	64 mm
D_a max.	91 mm
r_a max.	1.5 mm
Basic dynamic load rating C	85 kN
Basic static load rating C_0	83 kN
Fatigue load limit P_u	3.55 kN
Calculation factor A	0.0173
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	0.77 kg