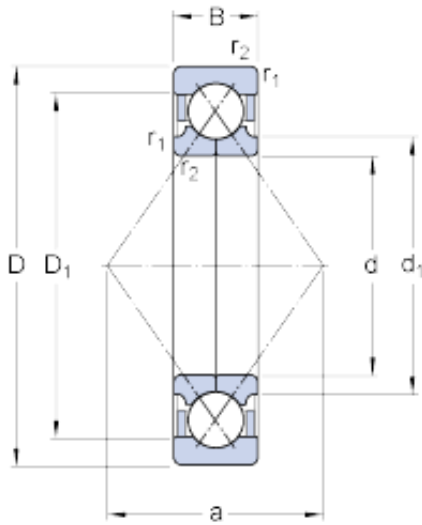




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QJ 305 MA Bearing 2D drawings and 3D CAD models

25 mm x 62 mm x 17 mm skf QJ 305 MA four-point contact ball bearings

Bearing No. QJ 305 MA

Size	62x25x17 mm
Bore Diameter	62 mm
Outer Diameter	25 mm
Width	17 mm
d	25 mm
D	62 mm
B	17 mm
d ₁	34 mm
D ₁	49 mm
a	30 mm
r _{1,2} - min.	1.1 mm
d _a - min.	32 mm
D _a - max.	55 mm
r _a - max.	1 mm
Basic dynamic load rating - C	42.5 kN
Basic static load rating - C ₀	30 kN
Fatigue load limit - P _u	1.3 kN
Reference speed	15000 r/min
Limiting speed	20000 r/min
Calculation factor - k _a	1.1
Calculation factor - e	0.95
Calculation factor - X	0.6
Calculation factor - Y ₀	0.58
Calculation factor - Y ₁	0.66



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Calculation factor - Y_2	1.07
d_1	34 mm
D_1	49 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	32 mm
D_a max.	55 mm
r_a max.	1 mm
Basic dynamic load rating C	42.5 kN
Basic static load rating C_0	30 kN
Fatigue load limit P_u	1.27 kN
Calculation factor A	0.00278
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	0.29 kg