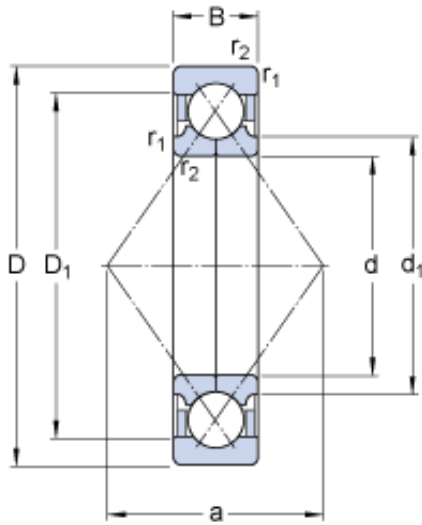




## GF BEARING-SINGAPORE LTD.



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 <sub>1</sub>	34 mm
D <sub>1</sub>	49 mm
a	30 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	32 mm
D <sub>a</sub> - max.	55 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	42.5 kN
Basic static load rating - C <sub>0</sub>	30 kN
Fatigue load limit - P <sub>u</sub>	1.3 kN
Reference speed	15000 r/min
Limiting speed	20000 r/min
Calculation factor - k <sub>a</sub>	1.1
Calculation factor - e	0.95
Calculation factor - X	0.6
Calculation factor - Y <sub>0</sub>	0.58
Calculation factor - Y <sub>1</sub>	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