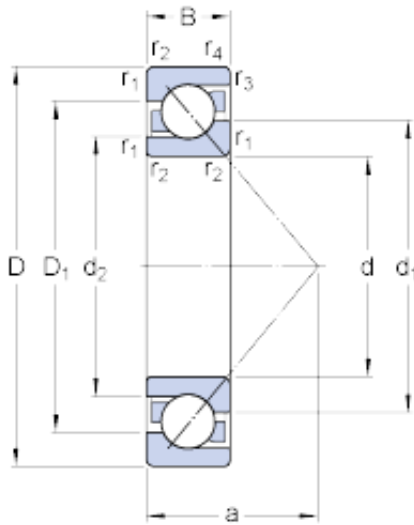




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7248 BCBM Bearing 2D drawings and 3D CAD models

240 mm x 440 mm x 72 mm SKF 7248 BCBM
angular contact ball bearings

Bearing No. 7248 BCBM

Size	440x240x72 mm
Bore Diameter	440 mm
Outer Diameter	240 mm
Width	72 mm
d	240 mm
D	440 mm
B	72 mm
d ₁	322.6 mm
d ₂	292.62 mm
D ₁	360.41 mm
a	180 mm
r _{1,2} - min.	4 mm
r _{3,4} - min.	1.5 mm
d _a - min.	257 mm
D _a - max.	423 mm
D _b - max.	431 mm
r _a - max.	4 mm
r _b - max.	1.5 mm
Basic dynamic load rating - C	449 kN
Basic static load rating - C ₀	670 kN
Fatigue load limit - P _u	15.3 kN
Reference speed	1600 r/min
Limiting speed	2600 r/min
Calculation factor - k _r	0.08



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Calculation factor - k_a	1.2
Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - Y_0	0.52
Calculation factor - Y_1	0.55
Calculation factor - Y_2	0.93
Calculation factor - X	0.35
Calculation factor - Y_0	0.5
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
d_1	322.6 mm
d_2	292.62 mm
D_1	360.41 mm
$r_{1,2}$ min.	4 mm
$r_{3,4}$ min.	1.5 mm
d_a min.	257 mm
D_a max.	423 mm
D_b max.	431 mm
r_a max.	4 mm
r_b max.	1.5 mm
Basic dynamic load rating C	449 kN
Basic static load rating C_0	670 kN
Fatigue load limit P_u	15.3 kN
Calculation factor A	5.12
Calculation factor k_r	0.08
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y_0	0.5
Calculation factor Y_2	0.57
Calculation factor X	0.57
Calculation factor Y_0	0.52



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Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Mass bearing	49 kg