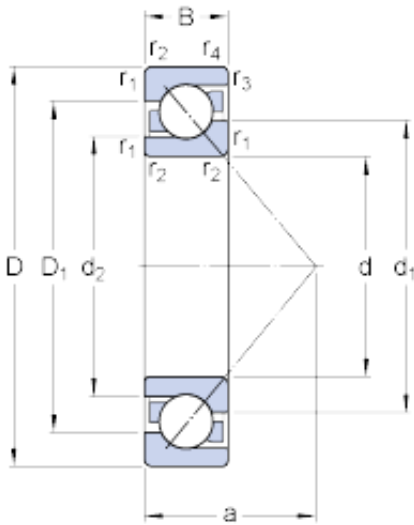




SNR BEARING CORP.OF AMERICA



7322 BEY Bearing 2D drawings and 3D CAD models

110 mm x 240 mm x 50 mm skf 7322 BEY Single row angular contact ball bearings

Bearing No. 7322 BEY

Size	240x110x50 mm
Bore Diameter	240 mm
Outer Diameter	110 mm
Width	50 mm
d	110 mm
D	240 mm
B	50 mm
d ₁	160.8 mm
d ₂	134.98 mm
D ₁	193.5 mm
a	99 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	1.1 mm
d _a - min.	124 mm
D _a - max.	226 mm
D _b - max.	233 mm
r _a - max.	2.5 mm
r _b - max.	1 mm
Basic dynamic load rating - C	225 kN
Basic static load rating - C ₀	224 kN
Fatigue load limit - P _u	7.2 kN
Reference speed	3200 r/min
Limiting speed	3200 r/min
Calculation factor - k _r	0.1



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Calculation factor - k_a	1.6
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	0.26
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
d_1	160.8 mm
d_2	134.98 mm
D_1	193.5 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
d_a min.	124 mm
D_a max.	226 mm
D_b max.	233 mm
r_a max.	2.5 mm
r_b max.	1 mm
Basic dynamic load rating C	225 kN
Basic static load rating C_0	224 kN
Fatigue load limit P_u	7.2 kN
Calculation factor A	0.906
Calculation factor k_r	0.1
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y_0	0.26
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	10 kg