



140 mm x 250 mm x 42 mm SKF 7228 BGAM Angular contact ball bearing

Bearing No. 7228 BGAM

7228 BGAM Bearing 2D drawings and 3D CAD models

Size	250x140x42 mm
Bore Diameter	250 mm
Outer Diameter	140 mm
Width	42 mm
d	140 mm
D	250 mm
B	42 mm
d ₁	183.3 mm
d ₂	163.6 mm
D ₁	209.55 mm
a	103 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	1.1 mm
d _a - min.	154 mm
D _a - max.	236 mm
D _b - max.	243 mm
r _a - max.	2.5 mm
r _b - max.	1 mm
Basic dynamic load rating - C	199 kN
Basic static load rating - C ₀	212 kN
Fatigue load limit - P _u	6.4 kN
Reference speed	3000 r/min
Limiting speed	3000 r/min
Calculation factor - k _r	0.08

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	0.26
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
d_1	183.3 mm
d_2	163.6 mm
D_1	209.55 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
d_a min.	154 mm
D_a max.	236 mm
D_b max.	243 mm
r_a max.	2.5 mm
r_b max.	1 mm
Basic dynamic load rating C	199 kN
Basic static load rating C_0	212 kN
Fatigue load limit P_u	6.4 kN
Calculation factor A	0.763
Calculation factor k_r	0.08
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

Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Mass bearing	8.85 kg