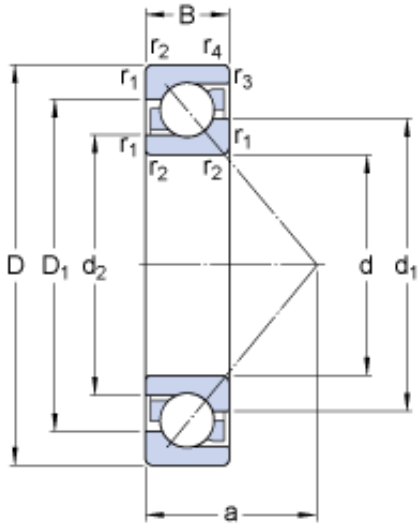
# Loyal | 7322 BEY




**Bearing No. 7322 BEY**

| | |
|---|---|
| a | 99 mm |
| d | 110 mm |
| D | 240 mm |
| B | 50 mm |
| Size (mm) | 240x110x50 |
| Width (mm) | 50 |
| Mass bearing | 10 kg |
| $d_1$ | 160.8 mm |
| $d_2$ | 134.98 mm |
| $D_1$ | 193.5 mm |
| Limiting speed | 3200 r/min |
| Bearing number | 7322 BEY |
| Reference speed | 3200 r/min |
| $d_a$ min. | 124 mm |
| $D_a$ max. | 226 mm |
| $D_b$ max. | 233 mm |
| Bore Diameter (mm) | 240 |
| $r_a$ max. | 2.5 mm |
| $r_b$ max. | 1 mm |
| Outer Diameter (mm) | 110 |
| $r_{3,4}$ min. | 1.1 mm |
| $r_{1,2}$ min. | 3 mm |
| Calculation factor A | 0.906 |
| Calculation factor e | 1.14 |
| Calculation factor X | 0.57 |
| $r_b$ - max. | 1 mm |
| $r_a$ - max. | 2.5 mm |
| $D_b$ - max. | 233 mm |
| $D_a$ - max. | 226 mm |
| $d_a$ - min. | 124 mm |

| | |
|---|---|
| $D_1$ ? | 193.5 mm |
| $d_1$ ? | 160.8 mm |
| $d_2$ ? | 134.98 mm |
| $r_{1,2}$ - min. | 3 mm |
| $r_{3,4}$ - min. | 1.1 mm |
| Calculation factor - X | 0.35 |
| Calculation factor - e | 1.14 |
| Basic dynamic load rating C | 225 kN |
| Basic dynamic load rating - C | 225 kN |
| Calculation factor $k_r$ | 0.1 |
| Calculation factor $Y_0$ | 0.52 |
| Calculation factor $Y_2$ | 0.93 |
| Calculation factor $Y_1$ | 0.55 |
| Fatigue load limit $P_u$ | 7.2 kN |
| Calculation factor - $Y_0$ | 0.26 |
| Calculation factor - $Y_1$ | |
| Calculation factor - $k_a$ | 1.6 |
| Calculation factor - $k_r$ | 0.1 |
| Calculation factor - $Y_2$ | 0.57 |
| Fatigue load limit - $P_u$ | 7.2 kN |
| Basic static load rating $C_0$ | 224 kN |
| Basic static load rating - $C_0$ | 224 kN |