



220 mm x 370 mm x 150 mm FAG  
24144-E1-K30 spherical roller bearings

Bearing No. 24144-E1-K30

24144-E1-K30 Bearing 2D drawings and 3D CAD models

|                |  |
|----------------|--|
| Size           | 220x370x150 mm                           |
| Bore Diameter  | 220 mm                                   |
| Outer Diameter | 370 mm                                   |
| Width          | 150 mm                                   |
| d              | 220 mm                                   |
| D              | 370 mm                                   |
| B              | 150 mm                                   |
| $D_1$          | 314,3 mm                                 |
| $D_{a \max}$   | 353 mm                                   |
| $d_2$          | 247,6 mm                                 |
| $d_{a \min}$   | 237 mm                                   |
| $d_s$          | 6,3 mm                                   |
| $n_s$          | 12,2 mm                                  |
| $r_{a \max}$   | 3 mm                                     |
| $r_{\min}$     | 4 mm                                     |
| m              | 62,7 kg / Weight                         |
| $C_r$          | 2190000 N / Dynamic load rating (radial) |
| e              | 0,39                                     |
| $Y_1$          | 1,74                                     |
| $Y_2$          | 2,59                                     |
| $C_{0r}$       | 3250000 N / Static load rating (radial)  |
| $Y_0$          | 1,7                                      |
|                |  |



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|          |  |
|----------|--|
| $n_G$    | 1650 1/min / Limiting speed              |
| $n_B$    | 760 1/min                                |
| $C_{ur}$ | 290000 N / Fatigue limit<br>load, radial |