

# 24144-B-K30 FAG Basic dynamic load rating (C) 1900 kN 220x370x150mm Spherical roller bearings

|                               |             |
|-------------------------------|-------------|
| Bearing number                | 24144-B-K30 |
| Size (mm)                     | 220x370x150 |
| Brand                         | FAG         |
| Bore Diameter (mm)            | 220         |
| Outer Diameter (mm)           | 370         |
| Width (mm)                    | 150         |
| d                             | 220 mm      |
| D                             | 370 mm      |
| B                             | 150 mm      |
| C                             | 150 mm      |
| n                             | 12.2 mm     |
| r min.                        | 4 mm        |
| D1                            | 311.7 mm    |
| da min.                       | 237 mm      |
| Da max.                       | 353 mm      |
| ra max.                       | 3 mm        |
| d5                            | 6.3 r/min   |
| Weight                        | 64.4 Kg     |
| Basic dynamic load rating (C) | 1900 kN     |
| Basic static load rating (C0) | 3450 kN     |
| Fatigue load limit (Pu)       | 197         |
| Reference speed               | 720 r/min   |

|                         |             |
|-------------------------|-------------|
| Limiting speed          | 1 300 r/min |
| Calculation factor (e)  | 0.41        |
| Calculation factor (Y0) | 1.6         |
| Calculation factor (Y1) | 1.63        |