

# 24164-B-K30 FAG d5 9.5 r/min 320x540x218mm Spherical roller bearings

|                               |             |
|-------------------------------|-------------|
| Bearing number                | 24164-B-K30 |
| Size (mm)                     | 320x540x218 |
| Brand                         | FAG         |
| Bore Diameter (mm)            | 320         |
| Outer Diameter (mm)           | 540         |
| Width (mm)                    | 218         |
| d                             | 320 mm      |
| D                             | 540 mm      |
| B                             | 218 mm      |
| C                             | 218 mm      |
| n                             | 17.7 mm     |
| r min.                        | 5 mm        |
| D1                            | 456.1 mm    |
| da min.                       | 340 mm      |
| Da max.                       | 520 mm      |
| ra max.                       | 4 mm        |
| d5                            | 9.5 r/min   |
| Weight                        | 197 Kg      |
| Basic dynamic load rating (C) | 3800 kN     |
| Basic static load rating (C0) | 7350 kN     |
| Fatigue load limit (Pu)       | 530         |
| Reference speed               | 415 r/min   |
| Limiting speed                | 850 r/min   |
| Calculation factor (e)        | 0.41        |

|                         |      |
|-------------------------|------|
| Calculation factor (Y0) | 1.61 |
| Calculation factor (Y1) | 1.65 |