

# KOYO 6224-2RS deep groove ball bearings

Various types 100x120x86 Size (mm) and sizes to accommodate your KOYO 6224-2RS deep groove ball bearings requirements. 100 Bore Diameter (mm)

|                               |            |
|-------------------------------|------------|
| Size (mm)                     | 100x120x86 |
| Bore Diameter (mm)            | 100        |
| Outer Diameter (mm)           | 120        |
| Width (mm)                    | 86         |
| da                            | 100 mm     |
| A                             | 120 mm     |
| B                             | 86 mm      |
| H                             | 32 mm      |
| H1                            | 125 mm     |
| H2                            | 45 mm      |
| J                             | 350 mm     |
| L                             | 410 mm     |
| N1                            | 26 mm      |
| J6                            | 385 mm     |
| J7                            | 45 mm      |
| N4 – max.                     | 8 mm       |
| Basic dynamic load rating – C | 425 kN     |
| Basic static load rating – C0 | 490 kN     |
| Fatigue load limit – Pu       | 49 kN      |
| Limiting speed                | 2000 r/min |
| Calculation factor – e        | 0.24       |
| Calculation factor – Y1       | 2.8        |

|  |         |
|--|---------|
| Calculation factor – Y2                | 4.2     |
| Diameter – dm                          | 140 mm  |
| Basic Designation bearing              | 22220 E |
| Pa                                     | 35 kN   |
| P0°                                    | 600 kN  |
| P55°                                   | 680 kN  |
| P90°                                   | 410 kN  |
| P120°                                  | 310 kN  |
| P150°                                  | 275 kN  |
| P180°                                  | 340 kN  |
| Mass bearing unit                      | 26 kg   |
| N                                      | 32 mm   |
| N4 max.                                | 8 mm    |
| Basic dynamic load rating C            | 425 kN  |
| Basic static load rating C0            | 490 kN  |
| Fatigue load limit Pu                  | 49 kN   |
| Calculation factor e                   | 0.24    |
| Calculation factor Y1                  | 2.8     |
| Calculation factor Y2                  | 4.2     |
| Bearing mean diameter dm               | 140 mm  |
| Basic bearing designation              | 22220 E |
| Attachment bolt diameter G             | 24 mm   |
| Tightening torque for attachment bolts | 665 N·m |
| Grub screws                            | 7 x M 6 |
| Tightening torque for grub screws      | 8 N·m   |