

# 24172R KOYO Calculation factor (Y0) 1.7 360x600x243mm Spherical roller bearings

|                               |             |
|-------------------------------|-------------|
| Bearing number                | 24172R      |
| Size (mm)                     | 360x600x243 |
| Brand                         | KOYO        |
| Bore Diameter (mm)            | 360         |
| Outer Diameter (mm)           | 600         |
| Width (mm)                    | 243         |
| d                             | 360 mm      |
| D                             | 600 mm      |
| B                             | 243 mm      |
| C                             | 243 mm      |
| r min.                        | 5 mm        |
| da min.                       | 382 mm      |
| Da max.                       | 578 mm      |
| ra max.                       | 4 mm        |
| Weight                        | 287 Kg      |
| Basic dynamic load rating (C) | 4080 kN     |
| Basic static load rating (C0) | 7690 kN     |
| (Grease) Lubrication Speed    | 450 r/min   |
| (Oil) Lubrication Speed       | 600 r/min   |
| Calculation factor (e)        | 0.39        |
| Calculation factor (Y0)       | 1.7         |
| Calculation factor (Y1)       | 1.74        |
| Bearing No.                   | 24172R      |
| r(min)                        | 5           |

|                    |      |
|--------------------|------|
| Cr                 | 5080 |
| C0r                | 7690 |
| Cu                 | 437  |
| Grease lub.        | 450  |
| Oil lub.           | 600  |
| da(min)            | 382  |
| Da(max)            | 578  |
| ra(max)            | 4    |
| e                  | 0.39 |
| Y1                 | 1.74 |
| Y2                 | 2.59 |
| Y0                 | 1.70 |
| (Refer.) Mass (kg) | 287  |