

# BS2-2212-2RS/VT143 SKF

## 110x60x34mm $D_1 \approx 101$ mm

### Spherical roller bearings

| Category                | Roller Bearings    |
|-------------------------|--------------------|
| BDI Inventory           | 37.0               |
| Manufacturer Name       | SKF                |
| Minimum Buy Quantity    | N/A                |
| UNSPSC                  | 23153417           |
| Weight / Kilogram       | 1.357              |
| EAN                     | 7316574448470      |
| Product Group – BDI     | B04311             |
| Bearing number          | BS2-2212-2RS/VT143 |
| Size (mm)               | 110x60x34          |
| Brand                   | SKF                |
| Bore Diameter (mm)      | 110                |
| Outer Diameter (mm)     | 60                 |
| Width (mm)              | 34                 |
| d                       | 60 mm              |
| D                       | 110 mm             |
| B                       | 34 mm              |
| $d_2$                   | 69.7 mm            |
| $D_1$                   | 101 mm             |
| b                       | 6 mm               |
| K                       | 3 mm               |
| $r_{1,2} - \text{min.}$ | 1.5 mm             |
| $d_a - \text{min.}$     | 69 mm              |

|                                  |            |
|----------------------------------|------------|
| $d_a$ – max.                     | 69.5 mm    |
| $D_a$ – max.                     | 101 mm     |
| $r_a$ – max.                     | 1.5 mm     |
| Basic dynamic load rating – C    | 159 kN     |
| Basic static load rating – $C_0$ | 163 kN     |
| Fatigue load limit – $P_u$       | 18 kN      |
| Limiting speed                   | 2700 r/min |
| Calculation factor – e           | 0.24       |
| Calculation factor – $Y_1$       | 2.8        |
| Calculation factor – $Y_2$       | 4.2        |
| Calculation factor – $Y_0$       | 2.8        |
| $d_2 \approx$                    | 69.7 mm    |
| $D_1 \approx$                    | 101 mm     |
| $r_{1,2}$ min.                   | 1.5 mm     |
| $d_a$ min.                       | 69 mm      |
| $d_a$ max.                       | 69.5 mm    |
| $D_a$ max.                       | 101 mm     |
| $r_a$ max.                       | 1.5 mm     |
| Basic dynamic load rating C      | 159 kN     |
| Basic static load rating $C_0$   | 166 kN     |
| Fatigue load limit $P_u$         | 18.6 kN    |
| Calculation factor e             | 0.24       |
| Calculation factor $Y_1$         | 2.8        |
| Calculation factor $Y_2$         | 4.2        |
| Calculation factor $Y_0$         | 2.8        |
| Mass bearing                     | 1.3 kg     |