

# BS2-2313-2RS/VT143 SKF

## Calculation factor Y1 1.9

### 140x65x56mm Spherical roller bearings

|                         |                    |
|-------------------------|--------------------|
| Category                | Roller Bearings    |
| BDI Inventory           | 0.0                |
| Manufacturer Name       | SKF                |
| Minimum Buy Quantity    | N/A                |
| Weight / Kilogram       | 3                  |
| EAN                     | 7316576193323      |
| Product Group – BDI     | B04311             |
| Bearing number          | BS2-2313-2RS/VT143 |
| Size (mm)               | 140x65x56          |
| Brand                   | SKF                |
| Bore Diameter (mm)      | 140                |
| Outer Diameter (mm)     | 65                 |
| Width (mm)              | 56                 |
| d                       | 65 mm              |
| D                       | 140 mm             |
| B                       | 56 mm              |
| $d_2$                   | 78.7 mm            |
| $D_1$                   | 125 mm             |
| b                       | 8.3 mm             |
| K                       | 4.5 mm             |
| $r_{1,2} - \text{min.}$ | 2.1 mm             |
| $d_a - \text{min.}$     | 77 mm              |

|                                  |            |
|----------------------------------|------------|
| $d_a$ – max.                     | 78.5 mm    |
| $D_a$ – max.                     | 128 mm     |
| $r_a$ – max.                     | 2 mm       |
| Basic dynamic load rating – C    | 357 kN     |
| Basic static load rating – $C_0$ | 360 kN     |
| Fatigue load limit – $P_u$       | 38 kN      |
| Limiting speed                   | 2400 r/min |
| Calculation factor – e           | 0.35       |
| Calculation factor – $Y_1$       | 1.9        |
| Calculation factor – $Y_2$       | 2.9        |
| Calculation factor – $Y_0$       | 1.8        |
| $d_2 \approx$                    | 78.7 mm    |
| $D_1 \approx$                    | 125 mm     |
| $r_{1,2}$ min.                   | 2.1 mm     |
| $d_a$ min.                       | 77 mm      |
| $d_a$ max.                       | 78.5 mm    |
| $D_a$ max.                       | 128 mm     |
| $r_a$ max.                       | 2 mm       |
| Basic dynamic load rating C      | 357 kN     |
| Basic static load rating $C_0$   | 360 kN     |
| Fatigue load limit $P_u$         | 38 kN      |
| Calculation factor e             | 0.35       |
| Calculation factor $Y_1$         | 1.9        |
| Calculation factor $Y_2$         | 2.9        |
| Calculation factor $Y_0$         | 1.8        |
| Mass bearing                     | 4.15 kg    |