

# BS2 - 2315 - 2RSK/VT143      SKF

## 160x75x64mm    D1 ≈ 140 mm

### Spherical roller bearings

Bearing number	BS2 - 2315 - 2RSK/VT143
Size (mm)	160x75x64
Brand	SKF
Bore Diameter (mm)	160
Outer Diameter (mm)	75
Width (mm)	64
d	75 mm
D	160 mm
B	64 mm
d <sub>2</sub>	89.9 mm
D <sub>1</sub>	140 mm
b	8.3 mm
K	4.5 mm
r <sub>1,2</sub> – min.	2.1 mm
d <sub>a</sub> – min.	83 mm
d <sub>a</sub> – max.	89.5 mm
D <sub>a</sub> – max.	148 mm
r <sub>a</sub> – max.	2 mm
Basic dynamic load rating – C	462 kN
Basic static load rating – C <sub>0</sub>	475 kN
Fatigue load limit – P <sub>u</sub>	48 kN
Limiting speed	2100 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
$d_2 \approx$	89.9 mm
$D_1 \approx$	140 mm
$r_{1,2} \text{ min.}$	2.1 mm
$D_a \text{ max.}$	148 mm
$r_a \text{ max.}$	2 mm
Basic dynamic load rating C	462 kN
Basic static load rating $C_0$	475 kN
Fatigue load limit $P_u$	48 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	6.5 kg
Recommended lock nut tightening angle $\alpha$	130 °