

# BS2 - 2208 - 2RSK / VT143 SKF

## 80x40x28mm $D_1 \approx 72.8$ mm

### Spherical roller bearings

Bearing number	BS2 - 2208 - 2RSK / VT143
Size (mm)	80x40x28
Brand	SKF
Bore Diameter (mm)	80
Outer Diameter (mm)	40
Width (mm)	28
d	40 mm
D	80 mm
B	28 mm
$d_2$	47.2 mm
$D_1$	72.8 mm
b	6 mm
K	3 mm
$r_{1,2} - \text{min.}$	1.1 mm
$d_a - \text{min.}$	45 mm
$d_a - \text{max.}$	47 mm
$D_a - \text{max.}$	73 mm
$r_a - \text{max.}$	1 mm
Basic dynamic load rating – C	98.5 kN
Basic static load rating – $C_0$	91.5 kN
Fatigue load limit – $P_u$	10 kN
Limiting speed	3900 r/min
Calculation factor – e	0.28

Calculation factor – $Y_1$	2.4
Calculation factor – $Y_2$	3.6
Calculation factor – $Y_0$	2.5
Category	Roller Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.62
EAN	7316576822896
Product Group – BDI	B04311
$d_2 \approx$	47.2 mm
$D_1 \approx$	72.8 mm
$r_{1,2} \text{ min.}$	1.1 mm
$D_a \text{ max.}$	73 mm
$r_a \text{ max.}$	1 mm
Basic dynamic load rating C	98.5 kN
Basic static load rating $C_0$	90 kN
Fatigue load limit $P_u$	9.8 kN
Calculation factor e	0.28
Calculation factor $Y_1$	2.4
Calculation factor $Y_2$	3.6
Calculation factor $Y_0$	2.5
Mass bearing	0.55 kg
Recommended lock nut tightening angle $\alpha$	115 °