

# 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

$d_a - \text{max.}$	78.5 mm
$D_a - \text{max.}$	128 mm
$r_a - \text{max.}$	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
$r_{1,2} \text{ min.}$	2.1 mm
$d_a \text{ min.}$	77 mm
$d_a \text{ max.}$	78.5 mm
$D_a \text{ max.}$	128 mm
$r_a \text{ max.}$	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