

BS2-2216-2RSK/VT143 SKF

Fatigue load limit Pu 29 kN

140x80x40mm Spherical roller bearings

Category	Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.41
EAN	7316576831638
Product Group – BDI	B04311
Bearing number	BS2-2216-2RSK/VT143
Size (mm)	140x80x40
Brand	SKF
Bore Diameter (mm)	140
Outer Diameter (mm)	80
Width (mm)	40
d	80 mm
D	140 mm
B	40 mm
d ₂	91.7 mm
D ₁	129 mm
b	6 mm
K	3 mm
r _{1,2} – min.	2 mm
d _a – min.	87.2 mm

$d_a - \text{max.}$	91.5 mm
$D_a - \text{max.}$	129 mm
$r_a - \text{max.}$	2 mm
Basic dynamic load rating – C	243 kN
Basic static load rating – C_0	270 kN
Fatigue load limit – P_u	29 kN
Limiting speed	2000 r/min
Calculation factor – e	0.22
Calculation factor – Y_1	3
Calculation factor – Y_2	4.6
Calculation factor – Y_0	2.8
$d_2 \approx$	91.7 mm
$D_1 \approx$	129 mm
$r_{1,2} \text{ min.}$	2 mm
$D_a \text{ max.}$	129 mm
$r_a \text{ max.}$	2 mm
Basic dynamic load rating C	243 kN
Basic static load rating C_0	270 kN
Fatigue load limit P_u	29 kN
Calculation factor e	0.22
Calculation factor Y_1	3
Calculation factor Y_2	4.6
Calculation factor Y_0	2.8
Mass bearing	2.4 kg
Recommended lock nut tightening angle α	130 °