

# BS2-2213-2RSK/VT143 SKF

## Product Group – BDI B04311

### 120x65x38mm Spherical roller bearings

Bearing number	BS2-2213-2RSK/VT143
Size (mm)	120x65x38
Brand	SKF
Bore Diameter (mm)	120
Outer Diameter (mm)	65
Width (mm)	38
d	65 mm
D	120 mm
B	38 mm
d <sub>2</sub>	76.5 mm
D <sub>1</sub>	110 mm
b	6 mm
K	3 mm
r <sub>1,2</sub> – min.	1.5 mm
d <sub>a</sub> – min.	72.2 mm
d <sub>a</sub> – max.	76.5 mm
D <sub>a</sub> – max.	111 mm
r <sub>a</sub> – max.	1.5 mm
Basic dynamic load rating – C	198 kN
Basic static load rating – C <sub>0</sub>	208 kN
Fatigue load limit – P <sub>u</sub>	23.2 kN

Limiting speed	2400 r/min
Calculation factor – e	0.24
Calculation factor – $Y_1$	2.8
Calculation factor – $Y_2$	4.2
Calculation factor – $Y_0$	2.8
Category	Roller Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.76
EAN	7316576830563
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$d_2 \approx$	76.5 mm
$D_1 \approx$	110 mm
$r_{1,2} \text{ min.}$	1.5 mm
$D_a \text{ max.}$	111 mm
$r_a \text{ max.}$	1.5 mm
Basic dynamic load rating C	198 kN
Basic static load rating $C_0$	216 kN
Fatigue load limit $P_u$	24 kN
Calculation factor e	0.24
Calculation factor $Y_1$	2.8
Calculation factor $Y_2$	4.2
Calculation factor $Y_0$	2.8
Mass bearing	1.6 kg
Recommended lock nut tightening angle $\alpha$	115 °