

# BS2-2212-2RSK/VT143 SKF

Limiting speed 2700 r/min  
110x60x34mm Spherical roller bearings

Bearing number	BS2-2212-2RSK/VT143
Size (mm)	110x60x34
Brand	SKF
Bore Diameter (mm)	110
Outer Diameter (mm)	60
Width (mm)	34
d	60 mm
D	110 mm
B	34 mm
d <sub>2</sub>	69.7 mm
D <sub>1</sub>	101 mm
b	6 mm
K	3 mm
r <sub>1,2</sub> – min.	1.5 mm
d <sub>a</sub> – min.	67.2 mm
d <sub>a</sub> – max.	69.5 mm
D <sub>a</sub> – max.	101 mm
r <sub>a</sub> – max.	1.5 mm
Basic dynamic load rating – C	159 kN
Basic static load rating – C <sub>0</sub>	163 kN
Fatigue load limit – P <sub>u</sub>	18 kN

Limiting speed	2700 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
$d_2 \approx$	69.7 mm
$D_1 \approx$	101 mm
$r_{1,2} \text{ min.}$	1.5 mm
$D_a \text{ max.}$	101 mm
$r_a \text{ max.}$	1.5 mm
Basic dynamic load rating C	159 kN
Basic static load rating $C_0$	166 kN
Fatigue load limit $P_u$	18.6 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	1.3 kg
Recommended lock nut tightening angle $\alpha$	115 °