

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 ₂	69.7 mm
D ₁	101 mm
b	6 mm
K	3 mm
r _{1,2} – min.	1.5 mm
d _a – min.	67.2 mm
d _a – max.	69.5 mm
D _a – max.	101 mm
r _a – max.	1.5 mm
Basic dynamic load rating – C	159 kN
Basic static load rating – C ₀	163 kN
Fatigue load limit – P _u	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 α	115 °