

# BS2-2222-2RS5K/VT143 SKF

## 200x110x63mm Basic static load rating – C<sub>0</sub> 640 kN

### Spherical roller bearings

Bearing number	BS2-2222-2RS5K/VT143
Size (mm)	200x110x63
Brand	SKF
Bore Diameter (mm)	200
Outer Diameter (mm)	110
Width (mm)	63
d	110 mm
D	200 mm
B	63 mm
d <sub>2</sub>	126 mm
D <sub>1</sub>	183 mm
b	8.3 mm
K	4.5 mm
r <sub>1,2</sub> – min.	2.1 mm
d <sub>a</sub> – min.	118 mm
d <sub>a</sub> – max.	126 mm
D <sub>a</sub> – max.	188 mm
r <sub>a</sub> – max.	2 mm
Basic dynamic load rating – C	572 kN
Basic static load rating – C <sub>0</sub>	640 kN
Fatigue load limit – P <sub>u</sub>	63 kN

Limiting speed	1500 r/min
Calculation factor – e	0.25
Calculation factor – $Y_1$	2.7
Calculation factor – $Y_2$	4
Calculation factor – $Y_0$	2.5
$d_2 \approx$	126 mm
$D_1 \approx$	183 mm
$r_{1,2} \text{ min.}$	2.1 mm
$D_a \text{ max.}$	188 mm
$r_a \text{ max.}$	2 mm
Basic dynamic load rating C	572 kN
Basic static load rating $C_0$	640 kN
Fatigue load limit $P_u$	63 kN
Calculation factor e	0.25
Calculation factor $Y_1$	2.7
Calculation factor $Y_2$	4
Calculation factor $Y_0$	2.5
Mass bearing	7.6 kg