

# BS2-2215-2RSK/VT143 SKF

## Limiting speed 2200 r/min

### 130x75x38mm Spherical roller bearings

Bearing number	BS2-2215-2RSK/VT143
Size (mm)	130x75x38
Brand	SKF
Bore Diameter (mm)	130
Outer Diameter (mm)	75
Width (mm)	38
d	75 mm
D	130 mm
B	38 mm
d <sub>2</sub>	84.5 mm
D <sub>1</sub>	120 mm
b	6 mm
K	3 mm
r <sub>1,2</sub> – min.	1.5 mm
d <sub>a</sub> – min.	82.2 mm
d <sub>a</sub> – max.	84.5 mm
D <sub>a</sub> – max.	121 mm
r <sub>a</sub> – max.	1.5 mm
Basic dynamic load rating – C	217 kN
Basic static load rating – C <sub>0</sub>	240 kN
Fatigue load limit – P <sub>u</sub>	26.5 kN

Limiting speed	2200 r/min
Calculation factor – e	0.22
Calculation factor – $Y_1$	3
Calculation factor – $Y_2$	4.6
Calculation factor – $Y_0$	2.8
$d_2 \approx$	84.5 mm
$D_1 \approx$	120 mm
$r_{1,2} \text{ min.}$	1.5 mm
$D_a \text{ max.}$	121 mm
$r_a \text{ max.}$	1.5 mm
Basic dynamic load rating C	217 kN
Basic static load rating $C_0$	240 kN
Fatigue load limit $P_u$	26.5 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	2.1 kg
Recommended lock nut tightening angle $\alpha$	130 °