

# BS2-2312-2RS/VT143 SKF

Limiting speed 2500 r/min  
130x60x53mm Spherical roller bearings

Bearing number	BS2-2312-2RS/VT143
Size (mm)	130x60x53
Brand	SKF
Bore Diameter (mm)	130
Outer Diameter (mm)	60
Width (mm)	53
d	60 mm
D	130 mm
B	53 mm
d <sub>2</sub>	75 mm
D <sub>1</sub>	117 mm
b	8.3 mm
K	4.5 mm
r <sub>1,2</sub> – min.	2.1 mm
d <sub>a</sub> – min.	72 mm
d <sub>a</sub> – max.	75 mm
D <sub>a</sub> – max.	118 mm
r <sub>a</sub> – max.	2 mm
Basic dynamic load rating – C	325 kN
Basic static load rating – C <sub>0</sub>	335 kN
Fatigue load limit – P <sub>u</sub>	36 kN

Limiting speed	2500 r/min
Calculation factor – e	0.35
Calculation factor – $Y_1$	1.9
Calculation factor – $Y_2$	2.9
Calculation factor – $Y_0$	1.8
$d_2 \approx$	75 mm
$D_1 \approx$	117 mm
$r_{1,2}$ min.	2.1 mm
$d_a$ min.	72 mm
$d_a$ max.	75 mm
$D_a$ max.	118 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	325 kN
Basic static load rating $C_0$	335 kN
Fatigue load limit $P_u$	36 kN
Calculation factor e	0.35
Calculation factor $Y_1$	1.9
Calculation factor $Y_2$	2.9
Calculation factor $Y_0$	1.8
Mass bearing	3.4 kg