

BS2-2222-2RS5K/VT143 SKF

200x110x63mm Basic static load rating – C₀ 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 ₂	126 mm
D ₁	183 mm
b	8.3 mm
K	4.5 mm
r _{1,2} – min.	2.1 mm
d _a – min.	118 mm
d _a – max.	126 mm
D _a – max.	188 mm
r _a – 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

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