

BS2-2222-2RS5/VT143 SKF K 4.5 mm 200x110x63mm Spherical roller bearings

Bearing number	BS2-2222-2RS5/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
$r_{1,2} - \text{min.}$	2.1 mm
$d_a - \text{min.}$	122 mm
$d_a - \text{max.}$	126 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
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
$d_a \text{ min.}$	122 mm
$d_a \text{ max.}$	126 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