

BS2-2219-2CS5/VT143 SKF da – max. 108 mm 170x95x51mm Spherical roller bearings

Bearing number	BS2-2219-2CS5/VT143
Size (mm)	170x95x51
Brand	SKF
Bore Diameter (mm)	170
Outer Diameter (mm)	95
Width (mm)	51
d	95 mm
D	170 mm
B	51 mm
d_2	108 mm
D_1	157.1 mm
b	8.3 mm
K	4.5 mm
$r_{1,2} - \text{min.}$	2.1 mm
$d_a - \text{min.}$	107 mm
$d_a - \text{max.}$	108 mm
$D_a - \text{max.}$	158 mm
$r_a - \text{max.}$	2 mm
Basic dynamic load rating – C	393 kN
Basic static load rating – C_0	450 kN
Fatigue load limit – P_u	45.5 kN
Limiting speed	950 r/min
Calculation factor – e	0.24

Calculation factor – Y_1	2.8
Calculation factor – Y_2	4.2
Calculation factor – Y_0	2.8