

WBB1-8707-2Z SKF Mass bearing 0.002 kg 13x7x4mm Deep groove ball bearings

Bearing number	WBB1-8707-2Z
Size (mm)	13x7x4
Brand	SKF
Bore Diameter (mm)	13
Outer Diameter (mm)	7
Width (mm)	4
d	7 mm
D	13 mm
B	4 mm
d ₂	9 mm
D ₂	11.75 mm
r _{1,2} – min.	0.15 mm
d _a – min.	8.2 mm
d _a – max.	8.9 mm
D _a – max.	11.9 mm
r _a – max.	0.15 mm
Basic dynamic load rating – C	0.312 kN
Basic static load rating – C ₀	0.143 kN
Fatigue load limit – P _u	0.006 kN
Reference speed	100000 r/min
Limiting speed	50000 r/min
Calculation factor – k _r	0.015

Calculation factor – f_0	8.3
$d_2 \approx$	9 mm
$D_2 \approx$	11.75 mm
$r_{1,2} \text{ min.}$	0.15 mm
$d_a \text{ min.}$	8.2 mm
$d_a \text{ max.}$	8.9 mm
$D_a \text{ max.}$	11.9 mm
$r_a \text{ max.}$	0.15 mm
Basic dynamic load rating C	0.312 kN
Basic static load rating C_0	0.143 kN
Fatigue load limit P_u	0.006 kN
Calculation factor k_r	0.015
Calculation factor f_0	8.3
Mass bearing	0.002 kg