

WBB1-8701 SKF Basic static load rating C0 0.067 kN 2x7x2.5mm Deep groove ball bearings

Bearing number	WBB1-8701
Size (mm)	2x7x2.5
Brand	SKF
Bore Diameter (mm)	2
Outer Diameter (mm)	7
Width (mm)	2.5
d	2 mm
D	7 mm
B	2.5 mm
C	2.5 mm
Weight	0.00042 Kg
Basic dynamic load rating (C)	0.221 kN
Basic static load rating (C0)	0.067 kN
Fatigue load limit (Pu)	0.003
Reference speed	160 000 r/min
$d_1 \approx$	3.85 mm
$D_1 \approx$	5.65 mm
$r_{1,2} \text{ min.}$	0.15 mm
$d_a \text{ min.}$	3.2 mm
$D_a \text{ max.}$	5.8 mm
$r_a \text{ max.}$	0.15 mm
Basic dynamic load rating C	0.221 kN

Basic static load rating C_0	0.067 kN
Fatigue load limit P_u	0.003 kN
Limiting speed	100000 r/min
Calculation factor k_r	0.03
Calculation factor f_0	6.6
Mass bearing	0.0004 kg