

WBB1-8705 SKF 5x10x3mm

Limiting speed 85000 r/min

Deep groove ball bearings

Bearing number	WBB1-8705
Size (mm)	5x10x3
Brand	SKF
Bore Diameter (mm)	5
Outer Diameter (mm)	10
Width (mm)	3
d	5 mm
D	10 mm
B	3 mm
C	3 mm
Weight	0.001 Kg
Basic dynamic load rating (C)	0.247 kN
Basic static load rating (C ₀)	0.085 kN
Fatigue load limit (P _u)	0.004
Reference speed	130 000 r/min
d ₁ ≈	6 mm
D ₁ ≈	7.8 mm
r _{1,2} min.	0.15 mm
d _a min.	5.9 mm
D _a max.	8.8 mm
r _a max.	0.15 mm
Basic dynamic load rating C	0.247 kN
Basic static load rating C ₀	0.085 kN

Fatigue load limit P_u	0.004 kN
Limiting speed	85000 r/min
Calculation factor k_r	0.015
Calculation factor f_0	7.6
Mass bearing	0.0009 kg