



BEARING DRIVESHAFT, INC.



15 mm x 21 mm x 3.5 mm SKF WBB1-8710
deep groove ball bearings

Bearing No. WBB1-8710

WBB1-8710 Bearing 2D drawings and 3D CAD models

Size	21x15x3.5 mm
Bore Diameter	21 mm
Outer Diameter	15 mm
Width	3,5 mm
d	15 mm
D	21 mm
B	3.5 mm
d ₁	16.9 mm
D ₁	19.1 mm
r _{1,2} - min.	0.15 mm
d _a - min.	16 mm
d _a - max.	16.5 mm
D _a - max.	20 mm
r _a - max.	0.15 mm
Basic dynamic load rating - C	0.527 kN
Basic static load rating - C ₀	0.29 kN
Fatigue load limit - P _u	0.012 kN
Reference speed	67000 r/min
Limiting speed	40000 r/min
Calculation factor - k _r	0.015
Calculation factor - f ₀	8.4
d ₁	16.9 mm
D ₁	19.1 mm
r _{1,2} min.	0.15 mm



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d_a min.	16 mm
D_a max.	20 mm
r_a max.	0.15 mm
Basic dynamic load rating C	0.527 kN
Basic static load rating C_0	0.29 kN
Fatigue load limit P_u	0.012 kN
Calculation factor k_r	0.015
Calculation factor f_0	8.4
Mass bearing	0.0031 kg