

WBB1-8713 SKF Limiting speed 36000 r/min 24x18x4mm Deep groove ball bearings

Bearing number	WBB1-8713
Size (mm)	24x18x4
Brand	SKF
Bore Diameter (mm)	24
Outer Diameter (mm)	18
Width (mm)	4
d	18 mm
D	24 mm
B	4 mm
d_1	19.75 mm
D_2	21.9 mm
$r_{1,2} - \text{min.}$	0.15 mm
$d_a - \text{min.}$	19 mm
$D_a - \text{max.}$	23 mm
$r_a - \text{max.}$	0.15 mm
Basic dynamic load rating – C	0.806 kN
Basic static load rating – C_0	0.63 kN
Fatigue load limit – P_u	0.029 kN
Reference speed	56000 r/min
Limiting speed	36000 r/min
Calculation factor – k_r	0.015
$d_1 \approx$	19.75 mm

$D_2 \approx$	21.9 mm
$r_{1,2} \text{ min.}$	0.15 mm
$d_a \text{ min.}$	19 mm
$D_a \text{ max.}$	23 mm
$r_a \text{ max.}$	0.15 mm
Basic dynamic load rating C	0.806 kN
Basic static load rating C_0	0.63 kN
Fatigue load limit P_u	0.029 kN
Calculation factor k_r	0.015
Calculation factor f_0	15.8