

# WBB1-8706-2RS1 SKF Mass bearing 0.0016 kg 6x12x4mm Deep groove ball bearings

Bearing number	WBB1-8706-2RS1
Size (mm)	6x12x4
Brand	SKF
Bore Diameter (mm)	6
Outer Diameter (mm)	12
Width (mm)	4
d	6 mm
D	12 mm
B	4 mm
C	4 mm
Weight	0.0016 Kg
Basic dynamic load rating (C)	0.403 kN
Basic static load rating (C0)	0.146 kN
Fatigue load limit (Pu)	0.006
$d_2 \approx$	7.2 mm
$D_2 \approx$	10.9 mm
$r_{1,2} \text{ min.}$	0.2 mm
$d_a \text{ min.}$	7.1 mm
$d_a \text{ max.}$	7.1 mm
$D_a \text{ max.}$	10.9 mm
$r_a \text{ max.}$	0.2 mm
Basic dynamic load rating C	0.403 kN
Basic static load rating $C_0$	0.146 kN

Fatigue load limit $P_u$	0.006 kN
Limiting speed	32000 r/min
Calculation factor $k_r$	0.015
Calculation factor $f_0$	7.4
Mass bearing	0.0016 kg