



# KOYO PRECISION AXLE CORP.



55 mm x 80 mm x 13 mm SKF W 61911 deep groove ball bearings

Bearing No. W 61911

W 61911 Bearing 2D drawings and 3D CAD models

Size	80x55x13 mm
Bore Diameter	80 mm
Outer Diameter	55 mm
Width	13 mm
d	55 mm
D	80 mm
B	13 mm
d <sub>1</sub>	63 mm
D <sub>2</sub>	75.18 mm
r <sub>1,2</sub> - min.	1 mm
D <sub>a</sub> - max.	75.5 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	14.3 kN
Basic static load rating - C <sub>0</sub>	14 kN
Fatigue load limit - P <sub>u</sub>	0.6 kN
Reference speed	17000 r/min
Limiting speed	11000 r/min
Calculation factor - k <sub>r</sub>	0.025
d <sub>1</sub>	63 mm
D <sub>2</sub>	75.18 mm
r <sub>1,2</sub> min.	1 mm
d <sub>a</sub> min.	60 mm
D <sub>a</sub> max.	75.5 mm
r <sub>a</sub> max.	1 mm



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Basic dynamic load rating C	14.3 kN
Basic static load rating $C_0$	14 kN
Fatigue load limit $P_u$	0.6 kN
Calculation factor $k_f$	0.025
Calculation factor $f_0$	16.3
Mass bearing	0.17 kg