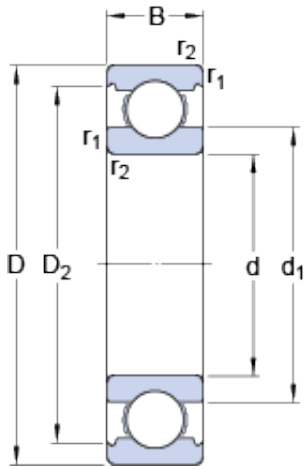




# AMERICAN BEARING MFG.CORP.



70 mm x 90 mm x 10 mm SKF W 61814 deep groove ball bearings

Bearing No. W 61814

W 61814 Bearing 2D drawings and 3D CAD models

Size	90x70x10 mm
Bore Diameter	90 mm
Outer Diameter	70 mm
Width	10 mm
d	70 mm
D	90 mm
B	10 mm
d <sub>1</sub>	76.4 mm
D <sub>2</sub>	85.62 mm
r <sub>1,2</sub> - min.	0.6 mm
D <sub>a</sub> - max.	mm
r <sub>a</sub> - max.	0.6 mm
Basic dynamic load rating - C	10.4 kN
Basic static load rating - C <sub>0</sub>	12.5 kN
Fatigue load limit - P <sub>u</sub>	0.54 kN
Reference speed	15000 r/min
Limiting speed	9000 r/min
Calculation factor - k <sub>r</sub>	0.02
d <sub>1</sub>	76.4 mm
D <sub>2</sub>	85.62 mm
r <sub>1,2</sub> min.	0.6 mm
D <sub>a</sub> max.	0 mm
r <sub>a</sub> max.	0.6 mm
Basic dynamic load rating C	10.4 kN



## AMERICAN BEARING MFG.CORP.

Basic static load rating $C_0$	12.5 kN
Fatigue load limit $P_u$	0.54 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	17.2