



# NACHI BEARINGS TRAINING INDUSTRY



45 mm x 55 mm x 6 mm SKF W 61709 deep groove ball bearings

Bearing No. W 61709

W 61709 Bearing 2D drawings and 3D CAD models

Size	55x45x6 mm
Bore Diameter	55 mm
Outer Diameter	45 mm
Width	6 mm
d	45 mm
D	55 mm
B	6 mm
d <sub>1</sub>	48.3 mm
D <sub>2</sub>	53.2 mm
r <sub>1,2</sub> - min.	0.3 mm
d <sub>a</sub> - min.	47 mm
D <sub>a</sub> - max.	53.5 mm
r <sub>a</sub> - max.	0.3 mm
Basic dynamic load rating - C	1.5 kN
Basic static load rating - C <sub>0</sub>	1.4 kN
Fatigue load limit - P <sub>u</sub>	0.06 kN
Reference speed	24000 r/min
Limiting speed	15000 r/min
Calculation factor - k <sub>r</sub>	0.015
Calculation factor - f <sub>0</sub>	9.1
d <sub>1</sub>	48.3 mm
D <sub>2</sub>	53.2 mm
r <sub>1,2</sub> min.	0.3 mm
d <sub>a</sub> min.	47 mm



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$D_a$ max.	53.5 mm
$r_a$ max.	0.3 mm
Basic dynamic load rating C	1.46 kN
Basic static load rating $C_0$	1.37 kN
Fatigue load limit $P_u$	0.06 kN
Calculation factor $k_r$	0.015
Calculation factor $f_0$	9.1
Mass bearing	0.022 kg