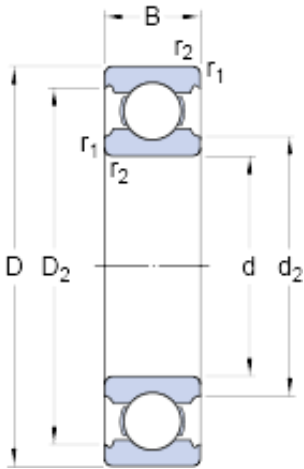




# NTN Bearing Rolamentos do Brasil Ltda.



45 mm x 68 mm x 12 mm skf W 61909 Deep groove ball bearings

Bearing No. W 61909

W 61909 Bearing 2D drawings and 3D CAD models

Size	68x45x12 mm
Bore Diameter	68 mm
Outer Diameter	45 mm
Width	12 mm
d	45 mm
D	68 mm
B	12 mm
d <sub>2</sub>	50.3 mm
D <sub>2</sub>	63.15 mm
r <sub>1,2</sub> - min.	0.6 mm
d <sub>a</sub> - min.	49 mm
D <sub>a</sub> - max.	64 mm
r <sub>a</sub> - max.	0.6 mm
Basic dynamic load rating - C	14 kN
Basic static load rating - C <sub>0</sub>	10.8 kN
Fatigue load limit - P <sub>u</sub>	0.465 kN
Reference speed	20000 r/min
Limiting speed	13000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	15.9
d <sub>2</sub>	50.3 mm
D <sub>2</sub>	63.15 mm
r <sub>1,2</sub> min.	0.6 mm
d <sub>a</sub> min.	49 mm



## NTN Bearing Rolamentos do Brasil Ltda.

$D_a$ max.	64 mm
$r_a$ max.	0.6 mm
Basic dynamic load rating C	12.1 kN
Basic static load rating $C_0$	10.8 kN
Fatigue load limit $P_u$	0.465 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	15.9
Mass bearing	0.12 kg