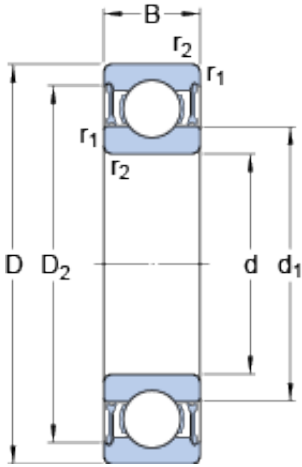




# Timken MANUFACTURING (THAILAND)CO.,LTD.



45 mm x 58 mm x 7 mm SKF W 61809-2RZ  
deep groove ball bearings

Bearing No. W 61809-2RZ

W 61809-2RZ Bearing 2D drawings and 3D CAD models

Size	58x45x7 mm
Bore Diameter	58 mm
Outer Diameter	45 mm
Width	7 mm
d	45 mm
D	58 mm
B	7 mm
d <sub>1</sub>	48.2 mm
D <sub>2</sub>	54.96 mm
r <sub>1,2</sub> - min.	0.3 mm
D <sub>a</sub> - max.	56 mm
r <sub>a</sub> - max.	0.3 mm
Basic dynamic load rating - C	4.9 kN
Basic static load rating - C <sub>0</sub>	5 kN
Fatigue load limit - P <sub>u</sub>	0.212 kN
Reference speed	24000 r/min
Limiting speed	12000 r/min
Calculation factor - k <sub>r</sub>	0.02
Calculation factor - f <sub>0</sub>	15.1
d <sub>1</sub>	48.2 mm
D <sub>2</sub>	54.9 mm
r <sub>1,2</sub> min.	0.3 mm
d <sub>a</sub> min.	47 mm
d <sub>a</sub> max.	48 mm



## Timken MANUFACTURING (THAILAND)CO.,LTD.

$D_a$ max.	56 mm
$r_a$ max.	0.3 mm
Basic dynamic load rating C	4.94 kN
Basic static load rating $C_0$	5 kN
Fatigue load limit $P_u$	0.212 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	15.1
Mass bearing	0.037 kg