



**Bearing No. W 61808**

D	52 mm
d	40 mm
B	7 mm
Size (mm)	52x40x7
Width (mm)	7
Mass bearing	0.029 kg
D <sub>2</sub>	48.99 mm
d <sub>1</sub>	43.21 mm
Limiting speed	16000 r/min
Bearing number	W 61808
Reference speed	26000 r/min
r <sub>a</sub> max.	0.3 mm
D <sub>a</sub> max.	50 mm
Bore Diameter (mm)	52
d <sub>a</sub> min.	42 mm
Outer Diameter (mm)	40
D <sub>a</sub> - max.	50 mm
r <sub>a</sub> - max.	0.3 mm
r <sub>1,2</sub> min.	0.3 mm
d <sub>a</sub> - min.	42 mm
d <sub>1</sub> ?	43.21 mm
D <sub>2</sub> ?	48.94 mm
r <sub>1,2</sub> - min.	0.3 mm
Basic dynamic load rating C	3.9 kN
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Fatigue load limit P <sub>u</sub>	0.16 kN
Calculation factor k <sub>r</sub>	0.02
Calculation factor f <sub>0</sub>	14.6

Calculation factor - $f_0$	14.6
Calculation factor - $k_r$	0.02
Fatigue load limit - $P_u$	0.16 kN
Basic static load rating $C_0$	3.75 kN
Basic static load rating - $C_0$	3.8 kN