



**Bearing No. W 61805-2Z**

D	37 mm
d	25 mm
B	7 mm
Size (mm)	37x25x7
Width (mm)	7
Mass bearing	0.021 kg
D <sub>2</sub>	34.12 mm
d <sub>1</sub>	28.2 mm
Limiting speed	19000 r/min
Bearing number	W 61805-2Z
Reference speed	38000 r/min
D <sub>a</sub> max.	35 mm
r <sub>a</sub> max.	0.3 mm
Bore Diameter (mm)	37
d <sub>a</sub> max.	28 mm
d <sub>a</sub> min.	27 mm
Outer Diameter (mm)	25
r <sub>1,2</sub> min.	0.3 mm
d <sub>a</sub> - max.	28 mm
D <sub>a</sub> - max.	35 mm
r <sub>a</sub> - max.	0.3 mm
d <sub>a</sub> - min.	27 mm
d <sub>1</sub> ?	28.2 mm
D <sub>2</sub> ?	34.12 mm
r <sub>1,2</sub> - min.	0.3 mm
Basic dynamic load rating C	3.38 kN
Basic dynamic load rating - C	3.9 kN
Fatigue load limit P <sub>u</sub>	0.108 kN

Calculation factor $k_f$	0.02
Calculation factor $f_0$	13.7
Calculation factor - $f_0$	13.7
Calculation factor - $k_f$	0.02
Fatigue load limit - $P_u$	0.108 kN
Basic static load rating $C_0$	2.5 kN
Basic static load rating - $C_0$	2.6 kN