



**Bearing No. W 61801**

D	21 mm
d	12 mm
B	5 mm
Size (mm)	21x12x5
Width (mm)	5
Mass bearing	0.0053 kg
D <sub>2</sub>	19.15 mm
d <sub>2</sub>	13.8 mm
Limiting speed	43000 r/min
Bearing number	W 61801
Reference speed	70000 r/min
r <sub>a</sub> max.	0.3 mm
D <sub>a</sub> max.	19.5 mm
Bore Diameter (mm)	21
d <sub>a</sub> min.	13.5 mm
Outer Diameter (mm)	12
D <sub>a</sub> - max.	19.5 mm
r <sub>a</sub> - max.	0.3 mm
r <sub>1,2</sub> min.	0.3 mm
d <sub>a</sub> - min.	13.5 mm
d <sub>2</sub> ?	13.8 mm
D <sub>2</sub> ?	19.15 mm
r <sub>1,2</sub> - min.	0.3 mm
Basic dynamic load rating C	1.51 kN
Basic dynamic load rating - C	1.5 kN
Fatigue load limit P <sub>u</sub>	0.039 kN
Calculation factor k <sub>r</sub>	0.02
Calculation factor f <sub>0</sub>	13.4

Calculation factor - $f_0$	13.4
Calculation factor - $k_r$	0.02
Fatigue load limit - $P_u$	0.039 kN
Basic static load rating $C_0$	0.9 kN
Basic static load rating - $C_0$	0.9 kN