



Bearing No. W 61800 R

D	19 mm
d	10 mm
B	5 mm
C	1 mm
Size (mm)	19x10x5
Width (mm)	5
Mass bearing	0.0052 kg
D <sub>3</sub>	21 mm
d <sub>2</sub>	11.8 mm
D <sub>2</sub>	17.15 mm
D <sub>3</sub>	21 mm
Limiting speed	48000 r/min
Bearing number	W 61800 R
Reference speed	80000 r/min
r <sub>a</sub> max.	0.3 mm
d <sub>a</sub> min.	11.5 mm
Bore Diameter (mm)	19
Outer Diameter (mm)	10
d <sub>a</sub> - min.	12 mm
r <sub>a</sub> - max.	0.3 mm
r <sub>1,2</sub> min.	0.3 mm
D <sub>2</sub> ?	17.15 mm
d <sub>2</sub> ?	11.8 mm
r <sub>1,2</sub> - min.	0.3 mm
Basic dynamic load rating C	1.48 kN
Basic dynamic load rating - C	1.5 kN
Fatigue load limit P <sub>u</sub>	0.036 kN
Calculation factor k <sub>r</sub>	0.02

Calculation factor $f_0$	14.8
Calculation factor - $f_0$	14.8
Calculation factor - $k_r$	0.02
Fatigue load limit - $P_u$	0.036 kN
Basic static load rating $C_0$	0.83 kN
Basic static load rating - $C_0$	0.83 kN