



**Bearing No. W 6209**

D	85 mm
d	45 mm
B	19 mm
Size (mm)	85x45x19
Width (mm)	19
Mass bearing	0.37 kg
D <sub>2</sub>	76.35 mm
d <sub>2</sub>	53.5 mm
Limiting speed	11000 r/min
Bearing number	W 6209
Reference speed	18000 r/min
D <sub>a</sub> max.	78.5 mm
r <sub>a</sub> max.	1 mm
Bore Diameter (mm)	85
d <sub>a</sub> min.	51.5 mm
Outer Diameter (mm)	45
d <sub>a</sub> - max.	53.5 mm
D <sub>a</sub> - max.	78.5 mm
r <sub>a</sub> - max.	1 mm
r <sub>1,2</sub> min.	1.1 mm
d <sub>a</sub> - min.	51.5 mm
d <sub>2</sub> ?	53.5 mm
D <sub>2</sub> ?	76.35 mm
r <sub>1,2</sub> - min.	1.1 mm
Basic dynamic load rating C	28.1 kN
Basic dynamic load rating - C	28.1 kN
Fatigue load limit P <sub>u</sub>	0.865 kN
Calculation factor k <sub>r</sub>	0.03

Calculation factor $f_0$	14.1
Calculation factor - $f_0$	14.1
Calculation factor - $k_r$	0.03
Fatigue load limit - $P_u$	0.865 kN
Basic static load rating $C_0$	20.4 kN
Basic static load rating - $C_0$	20.4 kN