



**Bearing No. W 623 R**

D	10 mm
d	3 mm
B	4 mm
C	1 mm
Size (mm)	10x3x4
Width (mm)	4
Mass bearing	0.0017 kg
D <sub>3</sub>	11.5 mm
d <sub>2</sub>	4.35 mm
D <sub>2</sub>	7.98 mm
D <sub>3</sub>	11.5 mm
Limiting speed	90000 r/min
Bearing number	W 623 R
Reference speed	140000 r/min
r <sub>a</sub> max.	0.15 mm
d <sub>a</sub> min.	3.9 mm
Bore Diameter (mm)	10
Outer Diameter (mm)	3
d <sub>a</sub> - min.	4.4 mm
r <sub>a</sub> - max.	0.15 mm
r <sub>1,2</sub> min.	0.15 mm
D <sub>2</sub> ?	7.98 mm
d <sub>2</sub> ?	4.35 mm
r <sub>1,2</sub> - min.	0.15 mm
Basic dynamic load rating C	0.358 kN
Basic dynamic load rating - C	0.358 kN
Fatigue load limit P <sub>u</sub>	0.005 kN
Calculation factor k <sub>r</sub>	0.03

Calculation factor $f_0$	6.3
Calculation factor - $f_0$	6.3
Calculation factor - $k_r$	0.03
Fatigue load limit - $P_u$	0.005 kN
Basic static load rating $C_0$	0.11 kN
Basic static load rating - $C_0$	0.11 kN