



**Bearing No. 623-RS1**

D	10 mm
d	3 mm
B	4 mm
Size (mm)	10x3x4
Width (mm)	4
Mass bearing	0.0015 kg
D <sub>2</sub>	8.2 mm
d <sub>1</sub>	5.2 mm
Limiting speed	40000 r/min
Bearing number	623-RS1
D <sub>a</sub> max.	8.8 mm
r <sub>a</sub> max.	0.1 mm
Bore Diameter (mm)	10
d <sub>a</sub> max.	5.1 mm
d <sub>a</sub> min.	4.2 mm
Outer Diameter (mm)	3
r <sub>1,2</sub> min.	0.15 mm
d <sub>a</sub> - max.	5.1 mm
D <sub>a</sub> - max.	8.8 mm
r <sub>a</sub> - max.	0.1 mm
d <sub>a</sub> - min.	4.2 mm
D <sub>2</sub> ?	8.2 mm
d <sub>1</sub> ?	5.2 mm
r <sub>1,2</sub> - min.	0.15 mm
Basic dynamic load rating C	0.54 kN
Basic dynamic load rating - C	0.54 kN
Fatigue load limit P <sub>u</sub>	0.007 kN
Calculation factor k <sub>r</sub>	0.025

Calculation factor $f_0$	7.5
Calculation factor - $f_0$	7.5
Calculation factor - $k_r$	0.025
Fatigue load limit - $P_u$	0.007 kN
Basic static load rating $C_0$	0.18 kN
Basic static load rating - $C_0$	0.18 kN