



Bearing No. 7203 BEY

a	18 mm
d	17 mm
D	40 mm
B	12 mm
Size (mm)	40x17x12
Width (mm)	12
Mass bearing	0.065 kg
d <sub>1</sub>	26.25 mm
d <sub>2</sub>	21.66 mm
D <sub>1</sub>	31.15 mm
Limiting speed	20000 r/min
Bearing number	7203 BEY
Reference speed	20000 r/min
d <sub>a</sub> min.	21.2 mm
D <sub>a</sub> max.	35.8 mm
D <sub>b</sub> max.	35.8 mm
Bore Diameter (mm)	40
r <sub>a</sub> max.	0.6 mm
r <sub>b</sub> max.	0.6 mm
Outer Diameter (mm)	17
r <sub>3,4</sub> min.	0.6 mm
r <sub>1,2</sub> min.	0.6 mm
Calculation factor A	0.000687
Calculation factor e	1.14
Calculation factor X	0.57
r <sub>b</sub> - max.	0.6 mm
r <sub>a</sub> - max.	0.6 mm
D <sub>b</sub> - max.	35.8 mm
D <sub>a</sub> - max.	35.8 mm
d <sub>a</sub> - min.	21.2 mm

D <sub>1</sub> ?	31.15 mm
d <sub>1</sub> ?	26.25 mm
d <sub>2</sub> ?	21.66 mm
r <sub>1,2</sub> - min.	0.6 mm
r <sub>3,4</sub> - min.	0.6 mm
Calculation factor - X	0.35
Calculation factor - e	1.14
Basic dynamic load rating C	11.1 kN
Basic dynamic load rating - C	11.1 kN
Calculation factor k <sub>r</sub>	0.095
Calculation factor Y <sub>0</sub>	0.52
Calculation factor Y <sub>2</sub>	0.93
Calculation factor Y <sub>1</sub>	0.55
Fatigue load limit P <sub>u</sub>	0.26 kN
Calculation factor - Y <sub>0</sub>	0.26
Calculation factor - Y <sub>1</sub>	
Calculation factor - k <sub>a</sub>	1.4
Calculation factor - k <sub>r</sub>	0.095
Calculation factor - Y <sub>2</sub>	0.57
Fatigue load limit - P <sub>u</sub>	0.26 kN
Basic static load rating C <sub>0</sub>	6.1 kN
Basic static load rating - C <sub>0</sub>	6.1 kN