



Bearing No. 7034 BGM

a	111 mm
d	170 mm
D	260 mm
B	42 mm
Size (mm)	260x170x42
Width (mm)	42
Mass bearing	7.65 kg
d <sub>1</sub>	205.5 mm
d <sub>2</sub>	189.75 mm
D <sub>1</sub>	226.75 mm
Limiting speed	2800 r/min
Bearing number	7034 BGM
Reference speed	2600 r/min
d <sub>a</sub> min.	182 mm
D <sub>a</sub> max.	248 mm
D <sub>b</sub> max.	253 mm
Bore Diameter (mm)	260
r <sub>a</sub> max.	2 mm
r <sub>b</sub> max.	1 mm
Outer Diameter (mm)	170
r <sub>3,4</sub> min.	1.1 mm
r <sub>1,2</sub> min.	2.1 mm
Calculation factor A	0.643
Calculation factor e	1.14
Calculation factor X	0.57
r <sub>b</sub> - max.	1 mm
r <sub>a</sub> - max.	2 mm
D <sub>b</sub> - max.	253 mm
D <sub>a</sub> - max.	248 mm
d <sub>a</sub> - min.	182 mm

D <sub>1</sub> ?	226.75 mm
d <sub>1</sub> ?	205.5 mm
d <sub>2</sub> ?	189.75 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>3,4</sub> - min.	1.1 mm
Calculation factor - X	0.35
Calculation factor - e	1.14
Basic dynamic load rating C	172 kN
Basic dynamic load rating - C	172 kN
Calculation factor k <sub>r</sub>	0.083
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>	5.85 kN
Calculation factor - Y <sub>0</sub>	0.26
Calculation factor - Y <sub>1</sub>	
Calculation factor - k <sub>a</sub>	0.9
Calculation factor - k <sub>r</sub>	0.083
Calculation factor - Y <sub>2</sub>	0.57
Fatigue load limit - P <sub>u</sub>	5.8 kN
Basic static load rating C <sub>0</sub>	204 kN
Basic static load rating - C <sub>0</sub>	204 kN