



Bearing No. 7076 BGM

a	238 mm
d	380 mm
D	560 mm
B	82 mm
Size (mm)	560x380x82
Width (mm)	82
Mass bearing	65.5 kg
d_1	451.1 mm
d_2	418.89 mm
D_1	489.25 mm
Limiting speed	1200 r/min
Bearing number	7076 BGM
Reference speed	1100 r/min
d_a min.	398 mm
D_a max.	542 mm
D_b max.	551 mm
Bore Diameter (mm)	560
r_a max.	4 mm
r_b max.	2 mm
Outer Diameter (mm)	380
$r_{3,4}$ min.	2 mm
$r_{1,2}$ min.	5 mm
Calculation factor A	11.9
Calculation factor e	1.14
Calculation factor X	0.57
r_b - max.	2 mm
r_a - max.	4 mm
D_b - max.	551 mm
D_a - max.	542 mm
d_a - min.	398 mm

D_1 ?	489.25 mm
d_1 ?	451.1 mm
d_2 ?	418.89 mm
$r_{1,2}$ - min.	5 mm
$r_{3,4}$ - min.	2 mm
Calculation factor - X	0.35
Calculation factor - e	1.14
Basic dynamic load rating C	468 kN
Basic dynamic load rating - C	468 kN
Calculation factor k_r	0.083
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Fatigue load limit P_u	16.6 kN
Calculation factor - Y_0	0.26
Calculation factor - Y_1	
Calculation factor - k_a	0.9
Calculation factor - k_r	0.083
Calculation factor - Y_2	0.57
Fatigue load limit - P_u	16.6 kN
Basic static load rating C_0	850 kN
Basic static load rating - C_0	850 kN