



Bearing No. GEC 500 FBAS

D	670 mm
d	500 mm
B	230 mm
C	195 mm
b	27 mm
M	10 mm
?	3 °
?	3 °
Size (mm)	670x500x230
Lubricant	Maintenance free – dry lubrication
Width (mm)	230
b ₁	27 mm
b ₁	27 mm
d _k	585 mm
d _k	585 mm
Bearing number	GEC 500 FBAS
Sealing solution	-
d _a max.	537 mm
d _a min.	511 mm
r ₂ min.	5 mm
r ₁ min.	2 mm
D _a min.	570.5 mm
D _a max.	650 mm
r _a max.	2 mm
r _b max.	5 mm
Mass plain bearing	222 kg
Bore Diameter (mm)	670
Outer Diameter (mm)	500
d _a - min.	511 mm

r_2 - min.	5 mm
r_1 - min.	2 mm
r_b - max.	5 mm
r_a - max.	2 mm
D_a - max.	650 mm
D_a - min.	570.5 mm
d_a - max.	537 mm
Constant - K_M	1055
Basic dynamic load rating C	6800 kN
Basic dynamic load rating - C	6800 kN
Specific dynamic load factor K	80 N/mm ²
Material constant K_M	1055
Specific factor dynamic load - K	80 N/mm ²
Basic static load rating C_0	10200 kN
Basic static load rating - C_0	10200 kN
Specific static load factor K_0	120 N/mm ²
Specific factor static load - K_0	120 N/mm ²
Design (sliding contact surface combination)	Steel/PTFE FRP