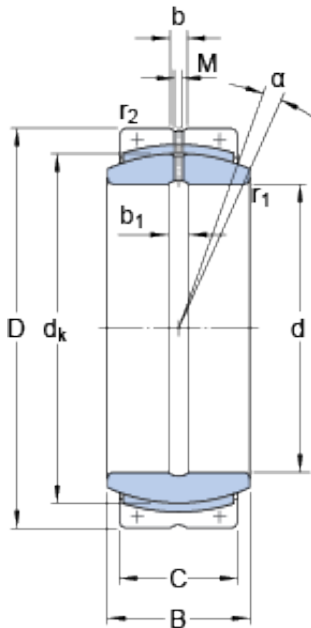




# BEARING CORP. LTD.

## 500 mm x 670 mm x 230 mm SKF GEC 500 FBAS plain bearings

Bearing No. GEC 500 FBAS



GEC 500 FBAS Bearing 2D drawings and 3D CAD models

Size	670x500x230 mm
Bore Diameter	670 mm
Outer Diameter	500 mm
Width	230 mm
d	500 mm
D	670 mm
B	230 mm
C	195 mm
	3 °
dk	585 mm
b	27 mm
b <sub>1</sub>	27 mm
M	10 mm
r <sub>1</sub> - min.	2 mm
r <sub>2</sub> - min.	5 mm
d <sub>a</sub> - min.	511 mm
d <sub>a</sub> - max.	537 mm
D <sub>a</sub> - min.	570.5 mm
D <sub>a</sub> - max.	650 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	5 mm
Basic dynamic load rating - C	6800 kN
Basic static load rating - C <sub>0</sub>	10200 kN
Specific factor dynamic load - K	80 N/mm <sup>2</sup>



## BEARING CORP. LTD.

Specific factor static load - $K_0$	120 N/mm <sup>2</sup>
Constant - $K_M$	1055
Lubricant	Maintenance free – dry lubrication
Design (sliding contact surface combination)	Steel/PTFE FRP
Sealing solution	-
	3 °
$d_k$	585 mm
$b_1$	27 mm
$r_1$ min.	2 mm
$r_2$ min.	5 mm
$d_a$ min.	511 mm
$d_a$ max.	537 mm
$D_a$ min.	570.5 mm
$D_a$ max.	650 mm
$r_a$ max.	2 mm
$r_b$ max.	5 mm
Basic dynamic load rating C	6800 kN
Basic static load rating $C_0$	10200 kN
Specific dynamic load factor K	80 N/mm <sup>2</sup>
Specific static load factor $K_0$	120 N/mm <sup>2</sup>
Material constant $K_M$	1055
Mass plain bearing	222 kg