



**Bearing No. GEP 710 FS**

D	1000 mm
d	710 mm
B	500 mm
C	475 mm
b	35 mm
M	13 mm
?	2 °
?	2 °
Size (mm)	1000x710x500
Lubricant	Maintenance free – dry lubrication
Width (mm)	500
$b_1$	35 mm
$b_1$	35 mm
$d_k$	912 mm
$d_k$	912 mm
Bearing number	GEP 710 FS
Sealing solution	-
$d_a$ max.	762 mm
$d_a$ min.	743 mm
$r_2$ min.	6 mm
$r_1$ min.	3 mm
$D_a$ min.	849 mm
$D_a$ max.	946 mm
$r_a$ max.	3 mm
$r_b$ max.	6 mm
Mass plain bearing	1400 kg
Bore Diameter (mm)	1000
Outer Diameter (mm)	710
$d_a$ - min.	743 mm

$r_2$ - min.	6 mm
$r_1$ - min.	3 mm
$r_b$ - max.	6 mm
$r_a$ - max.	3 mm
$D_a$ - max.	946 mm
$D_a$ - min.	849 mm
$d_a$ - max.	762 mm
Constant - $K_M$	1055
Basic dynamic load rating C	31000 kN
Basic dynamic load rating - C	31000 kN
Specific dynamic load factor K	80 N/mm <sup>2</sup>
Material constant $K_M$	1055
Specific factor dinamic load - K	80 N/mm <sup>2</sup>
Basic static load rating $C_0$	46500 kN
Basic static load rating - $C_0$	46500 kN
Specific static load factor $K_0$	120 N/mm <sup>2</sup>
Specific factor static load - $K_0$	120 N/mm <sup>2</sup>
Design (sliding contact surface combination)	Steel/PTFE FRP