



**Bearing No. GEP 420 FS**

D	600 mm
d	420 mm
B	300 mm
C	280 mm
b	21 mm
M	8 mm
?	2 °
?	2 °
Size (mm)	600x420x300
Lubricant	Maintenance free – dry lubrication
Width (mm)	300
$b_1$	21 mm
$b_1$	21 mm
$d_k$	534 mm
$d_k$	534 mm
Bearing number	GEP 420 FS
Sealing solution	-
$d_a$ max.	441 mm
$d_a$ min.	439 mm
$r_2$ min.	4 mm
$r_1$ min.	1.5 mm
$D_a$ min.	497 mm
$D_a$ max.	568 mm
$r_a$ max.	1.5 mm
$r_b$ max.	4 mm
Mass plain bearing	300 kg
Bore Diameter (mm)	600
Outer Diameter (mm)	420
$d_a$ - min.	439 mm

$r_2$ - min.	4 mm
$r_1$ - min.	1.5 mm
$r_b$ - max.	4 mm
$r_a$ - max.	1.5 mm
$D_a$ - max.	568 mm
$D_a$ - min.	497 mm
$d_a$ - max.	441 mm
Constant - $K_M$	1055
Basic dynamic load rating C	10600 kN
Basic dynamic load rating - C	10600 kN
Specific dynamic load factor K	80 N/mm <sup>2</sup>
Material constant $K_M$	1055
Specific factor dynamic load - K	80 N/mm <sup>2</sup>
Basic static load rating $C_0$	16000 kN
Basic static load rating - $C_0$	16000 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