



GEP 850 FS Bearing 2D drawings and 3D CAD models

850 mm x 1220 mm x 600 mm SKF GEP 850 FS plain bearings

Bearing No. GEP 850 FS

Size	850x1220x600 mm
Bore Diameter	850 mm
Outer Diameter	1220 mm
Width	600 mm
d	850 mm
D	1220 mm
B	600 mm
C	565 mm
	2 °
d <sub>k</sub>	1112 mm
b	35 mm
b <sub>1</sub>	35 mm
M	13 mm
r <sub>1</sub> - min.	3 mm
r <sub>2</sub> - min.	7.5 mm
d <sub>a</sub> - min.	888 mm
d <sub>a</sub> - max.	936 mm
D <sub>a</sub> - min.	1035 mm
D <sub>a</sub> - max.	1156 mm
r <sub>a</sub> - max.	3 mm
r <sub>b</sub> - max.	7.5 mm
Basic dynamic load rating - C	45000 kN
Basic static load rating - C <sub>0</sub>	67000 kN
Specific factor dynamic load - K	80 N/mm <sup>2</sup>



## Timken Bearing Machinery TECHNOLOGY C...

Specific factor static load - $K_0$	120 N/mm <sup>2</sup>
Constant - $K_M$	1055
Size	1220x850x600 mm
Bore Diameter	1220 mm
Outer Diameter	850 mm
Width	600 mm
d	850 mm
D	1220 mm
B	600 mm
C	565 mm
	2 °
$d_k$	1112 mm
b	35 mm
$b_1$	35 mm
M	13 mm
$r_1$ - min.	3 mm
$r_2$ - min.	7.5 mm
$d_a$ - min.	888 mm
$d_a$ - max.	936 mm
$D_a$ - min.	1035 mm
$D_a$ - max.	1156 mm
$r_a$ - max.	3 mm
$r_b$ - max.	7.5 mm
Basic dynamic load rating - C	45000 kN
Basic static load rating - $C_0$	67000 kN
Specific factor dynamic load - K	80 N/mm <sup>2</sup>
Specific factor static load - $K_0$	120 N/mm <sup>2</sup>
Constant - $K_M$	1055



## Timken Bearing Machinery TECHNOLOGY C...

Lubricant	Maintenance free – dry lubrication
Design (sliding contact surface combination)	Steel/PTFE FRP
Sealing solution	-
	2 °
$d_k$	1112 mm
$b_1$	35 mm
$r_1$ min.	3 mm
$r_2$ min.	7.5 mm
$d_a$ min.	888 mm
$d_a$ max.	936 mm
$D_a$ min.	1035 mm
$D_a$ max.	1156 mm
$r_a$ max.	3 mm
$r_b$ max.	7.5 mm
Basic dynamic load rating C	45000 kN
Basic static load rating $C_0$	67000 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	2600 kg