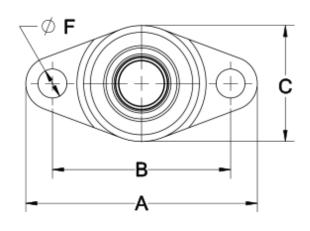


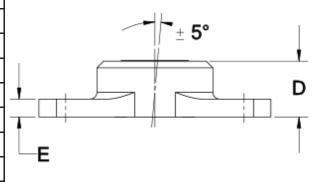
## HF3-625-B

**Description:** 5/8" SAE 840 Bronze Bearing,

Self Align, Housing-Flange Mounted

Bearing Type:	Plain
Alignment:	Self-Aligning
Mounting:	Aluminum Housing Flange
Nominal ID:	0.3750 in
ID Minimum:	0.3758 in
ID Maximum:	0.3765 in
Max Radial Load:	319 lbf
Max Speed:	12,200 rpm
Allowable Motions:	Linear  Oscillating   Rotating
Overall Length (A)	2.2500 in
<b>Bolt Hole Center to Center (B)</b>	1.7500 in
Overall Width (C)	1.1300 in
Overall Height (D)	0.4400 in
Flange Base Thickness (E)	0.1900 in
Mounting Hole Diameter (F)	0.2800 in
Matarial Cantant / Structure	87.2%- 90.5% Copper / 9.5%-





Material Content / Structure	87.2%- 90.5% Copper / 9.5%- 10.5% Tin; 5% Mobil Medium Oil (45 Viscosity)	
Shaft Requirements	MIN hardness of 95 Rockwell B, Recommended surface finish: 16 RMS (.4 Ra)	
Operating Temperature	-20° to 200° Fahrenheit  -29° to 93° Celsius	
P - Pressure (Standard)	2000 PSI	
P - Pressure (Metric)	13.79 N/mm^2	
V- Velocity (Standard)	1200 FPM	
V- Velocity (Metric)	6 m/s	
PV Max (Standard)	25000 PSI x FPM	
PV Max (Metric)	1.72 N/mm^2 x m/s	
Friction Coefficient	μ 0.04 to 0.35	
Storage	Clean, dry storage in plastic bags or bins to prevent oil loss.  NOTE: Bronze must not contact absorbent materials (paper, cardboard, etc.) which can wick away oil.	
Maintenance	Maintenance free	