



BOX FEET DIMENSIONS

Lubrication Per Bearing	
2 Pole	4 Pole & Slower
140-160 SUS @ 100°F	290-350 SUS @ 100°F
6.0 qt. capacity	6.0 qt. capacity

**Notes:**

- Main conduit box is free standing and must be supported from below by customer. Main conduit box is not level with motor feet. A removable bottom plate is supplied on the FS2 and FS3 conduit boxes. A 16.0" spacer is supplied on both frames for the FS2 and FS3 conduit boxes.
- C = Length of motor from drive end of shaft to end of non-drive end of motor.
- V = (N-W)-0.25" = length of shaft available for coupling.
- 2 Pole machines may rotate in one direction only.
- Shims may be necessary under motor feet for direct connection.
- Rotor end float = 0.5"
- End float of LEF coupling = 0.19"
- Adding a rotating labyrinth seal to the drive end increases BA and C by:  
2 Pole: 1.00" 4 Pole & Slower: 1.00"
- When adding a ground brush, consult the factory. (BA and C will increase.)
- For motors equipped with proximity probes use print CGG\_800\_2plusPL\_SLVPRB\_FS.

**Standard Dimensions in Inches**

Shaft	Frame	Speed	B	BA <sub>g</sub>	C <sub>2,9</sub>	E	2F	K	N	(N-W)	R	S	U	V <sub>3</sub>	ES	Approx. Ship Wt. (Lbs)
Short	8010	2 Pole	73.6	15.75	95.6	17.0	56.0	13.3	9.50	8.75	4.296	1.25	5.00	8.50	7.0	21000
Short	8010	4 Pole & Slower	73.6	15.75	98.0	17.0	56.0	13.3	11.75	11.00	5.408	1.50	6.25	10.75	9.5	21900
Short	8012	2 Pole	88.6	15.75	110.6	17.0	71.0	14.8	9.50	8.75	4.296	1.25	5.00	8.50	7.0	25800
Short	8012	4 Pole & Slower	88.6	15.75	113.0	17.0	71.0	14.8	11.75	11.00	5.408	1.50	6.25	10.75	9.5	26800

**Certification:** Customer \_\_\_\_\_ P.O. \_\_\_\_\_ S.O. \_\_\_\_\_ Item \_\_\_\_\_  
 HP \_\_\_\_\_ RPM \_\_\_\_\_ Frame \_\_\_\_\_ PH/HZ/Volts 3/\_\_\_\_\_/\_\_\_\_\_  
 By \_\_\_\_\_ Date \_\_\_\_\_ Terminal Box Size FS2  FS3   
 Comments \_\_\_\_\_  
 Not for construction, installation or application purposes unless certified.