



**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 14.0" 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.
- Shims may be necessary under motor feet for direct connection.
- Short shaft is for direct connection.
- Adding a rotating labyrinth seal to the drive end decreases N by:  
4 Pole: 0.40" 6 Pole & Slower: 0.40"
- Adding a ground brush increases BA and C by:  
4 Pole: 2.50" 6 Pole & Slower: 2.50"
- Adding a ground brush with rotating labyrinth seal increases BA & C by:  
4 Pole: 2.75" 6 Pole & Slower: 2.75"

**Standard Dimensions in Inches**

Shaft	Frame	Speed	B	BA <sub>7,8</sub>	C <sub>2,7,8</sub>	E	2F	K	N <sub>6</sub>	(N-W)	R	S	U	V <sub>3</sub>	ES	Approx. Ship Wt. (Lbs)
Short	6811	4 Pole	61.0	11.50	80.6	13.50	50.0	11.0	10.45	9.25	4.169	1.250	4.875	9.00	8.0	13100
Short	6811	6 Pole & Slower	61.0	11.50	80.6	13.50	50.0	11.0	10.45	9.25	4.676	1.250	5.375	9.00	8.0	12900
Short	6813	4 Pole	74.0	11.50	93.6	13.50	63.0	12.5	10.45	9.25	4.169	1.250	4.875	9.00	8.0	15900
Short	6813	6 Pole & Slower	74.0	11.50	93.6	13.50	63.0	12.5	10.45	9.25	4.676	1.250	5.375	9.00	8.0	15400

**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.