



**Notes:**

1. 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.
2. C = Length of motor from drive end of shaft to end of non-drive end of motor.
3. V = (N-W)-0.25" = length of shaft available for coupling.
4. Adding the low noise side ducts requires a 16.0" spacer for the FS2 and FS3 conduit boxes. All associated free standing conduit box dimensions will change accordingly.
5. Machines may rotate in either direction.
6. Shims may be necessary under motor feet for direct connection.
7. Short shaft is for direct connection.
8. Adding a rotating labyrinth seal to the drive end decreases N by: 8 Pole & Slower: 0.52"
9. Adding a ground brush increases BA and C by: 8 Pole & Slower: 2.50"
10. Adding a ground brush with rotating labyrinth seal increases BA and C by: 8 Pole & Slower: 2.75"

**Standard Dimensions in Inches**

Shaft	Frame	Speed	B	BA <sub>9,10</sub>	C <sub>2,9,10</sub>	E	2F	K	N <sub>8</sub>	(N-W)	R	S	U	V <sub>3</sub>	ES	Approx. Ship Wt. (Lbs)
Short	8010	8 Pole & Slower	73.6	15.75	97.4	17.0	56.0	13.3	12.1	11.0	5.408	1.50	6.25	10.75	9.5	18000
Short	8012	8 Pole & Slower	88.6	15.75	112.4	17.0	71.0	14.8	12.1	11.0	5.408	1.50	6.25	10.75	9.5	22800

**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.