



- 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. A 16.0" spacer is supplied on both frames for the FS2 conduit box. A 28.0" spacer is supplied on both frames for the FS3 conduit box.
 2. C = Length of motor from drive end of shaft to end of auxiliary blower.
 3. C* = Length of motor from drive end of shaft to end of low noise fan housing.
 4. V = (N-W)-0.25" = length of shaft available for coupling.
 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 does decreases N by:
 4 Pole: 0.55" 6 Pole & Slower: 0.55"
 9. Adding a ground brush increases BA, C, and C* by: 4 Pole: 2.50" 6 Pole & Slower: 2.50"
 10. Adding a ground brush with rotating labyrinth seal increases BA, C, and C* by:
 4 Pole: 2.75" 6 Pole & Slower: 2.75"
 11. Typically, motor is supplied with two auxiliary blowers. Depending upon individual motor design, only one auxiliary blower may be supplied.
 12. Approximate Ship Weight is based on standard aluminum cooling tubes.

Standard Dimensions in Inches

Shaft	Frame	Speed	B	BA _{9,10}	C _{2,9,10}	C* _{3,9,10}	E	2F	K	N ₈	(N-W)	R	S	U	V ₄	ES	Approx. Ship Wt. (Lbs) ₁₂
Short	8010	4 Pole	73.6	15.75	124.6	139.8	17.0	56.0	13.3	12.10	11.0	5.408	1.50	6.250	10.75	9.5	23000
Short	8010	6 Pole & Slower	73.6	15.75	124.6	139.8	17.0	56.0	13.3	12.10	11.0	5.408	1.50	6.250	10.75	9.5	22400
Short	8012	6 Pole & Slower	88.6	15.75	139.6	154.8	17.0	71.0	14.8	12.10	11.0	5.408	1.50	6.250	10.75	9.5	27400

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.