



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 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. Machines may rotate in either direction.
5. Shims may be necessary under motor feet for direct connection.
6. Short shaft is for direct connection.
7. Adding a rotating labyrinth seal to the drive end decreases N by:
 4 Pole: 0.52" 6 Pole: 0.52"
8. Adding a ground brush increases BA and C by:
 4 Pole: 2.50" 6 Pole: 2.50"
9. Adding a ground brush with rotating labyrinth seal increases BA and C by:
 4 Pole: 2.75" 6 Pole: 2.75"

Standard Dimensions in Inches

Shaft	Frame	Speed	B	BA _{8,9}	C _{2,8,9}	E	2F	K	N ₇	(N-W)	R	S	U	V ₃	ES	Approx. Ship Wt. (Lbs)
Short	8010	4 Pole	73.6	15.75	97.4	17.0	56.0	13.3	12.10	11.0	5.408	1.50	6.250	10.75	9.5	19600
Short	8010	6 Pole	73.6	15.75	97.4	17.0	56.0	13.3	12.10	11.0	5.408	1.50	6.250	10.75	9.5	19600
Short	8012	6 Pole	88.6	15.75	112.4	17.0	71.0	14.8	12.10	11.0	5.408	1.50	6.250	10.75	9.5	23700

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.