



- 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.
 - Machines may rotate in either direction.
 - 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 does not change any dimensions.
 - 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 and C by:
4 Pole: 2.50" 6 Pole & Slower: 2.50"

Standard Dimensions in Inches

Shaft	Frame	Speed	B	BA _{8,9}	C _{2,8,9}	E	2F	K	N	(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	21900
Short	8010	6 Pole & Slower	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	21300
Short	8012	6 Pole & Slower	88.6	15.75	112.4	17.0	71.0	14.8	12.10	11.0	5.408	1.50	6.25	10.75	9.5	26500

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.