



BOX FEET DIMENSIONS

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 22.0" 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 standard fan housing.
 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 rotate in one direction only.
 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:
 4 Pole: 0.40" 6 Pole & Slower: 0.40"
 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. 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) ₁₁
Short	6811	4 Pole	61.0	11.50	105.8	131.8	13.50	50.0	11.0	10.45	9.25	4.169	1.250	4.875	9.00	8.0	14300
Short	6811	6 Pole & Slower	61.0	11.50	105.8	131.8	13.50	50.0	11.0	10.45	9.25	4.676	1.250	5.375	9.00	8.0	14100
Short	6813	4 Pole	74.0	11.50	118.8	144.8	13.50	63.0	12.5	10.45	9.25	4.169	1.250	4.875	9.00	8.0	17100
Short	6813	6 Pole & Slower	74.0	11.50	118.8	144.8	13.50	63.0	12.5	10.45	9.25	4.676	1.250	5.375	9.00	8.0	16600

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.