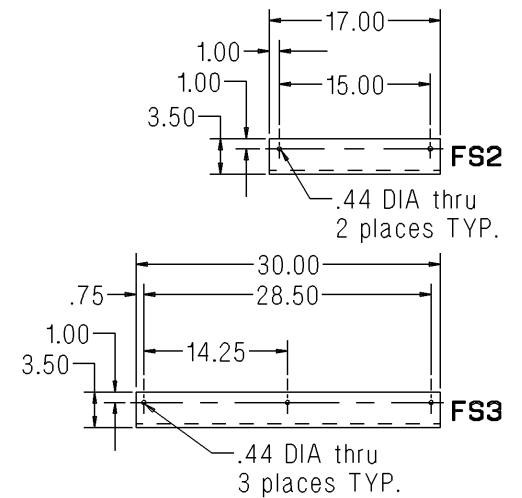


DETAIL "A"



BOX FEET DIMENSIONS

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 10.75" spacer is supplied on both frames for the FS2 conduit box. A 21.0" spacer is supplied on both frames for the FS3 conduit box.
- 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. Note: When adding a rotating labyrinth seal, (N-W) will change so V will change accordingly.
- 2 Pole machines may rotate in one direction only.
- Shims may be necessary under motor feet for direct connection.
- Short shaft is for direct connection. Long shaft may be either belt drive or direct connection depending upon the bearing installed in the motor.
- Adding a rotating labyrinth seal to the drive end increases BA and decreases (N-W) by:
2 Pole: 0.28" 4 Pole: 0.28" Long Shaft 4 Pole: 0.28"
- Adding a ground brush increases BA and C by:
2 Pole: 2.50" 4 Pole: 2.50" Long Shaft 4 Pole: 2.50"
- Adding a ground brush with rotating labyrinth seal increases BA and C by:
2 Pole: 2.75" 4 Pole: 2.75" Long Shaft 4 Pole: 2.75"

Standard Dimensions in Inches

Shaft	Frame	Speed	B	BA _{7,8,9}	C _{2,8,9}	E	2F	N	(N-W) ₇	R	S	U	V ₃	ES	Approx. Ship Wt. (Lbs)
Short	588S	2 Pole	43.0	10.00	55.1	11.5	28.0	7.00	6.75	2.450	0.750	2.875	6.50	5.0	5200
Short	588S	4 Pole	43.0	10.00	56.4	11.5	28.0	8.25	8.00	3.436	1.000	4.000	7.75	6.0	5400
Short	5810S	2 Pole	51.0	10.00	63.1	11.5	36.0	7.00	6.75	2.450	0.750	2.875	6.50	5.0	6350
Short	5810S	4 Pole	51.0	10.00	64.4	11.5	36.0	8.25	8.00	3.436	1.000	4.000	7.75	6.0	6550
Long	588	4 Pole	43.0	10.00	63.0	11.5	28.0	14.90	14.62	4.169	1.250	4.875	14.38	13.0	5400
Long	5810	4 Pole	51.0	10.00	71.0	11.5	36.0	14.90	14.62	4.169	1.250	4.875	14.38	13.0	6550

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.