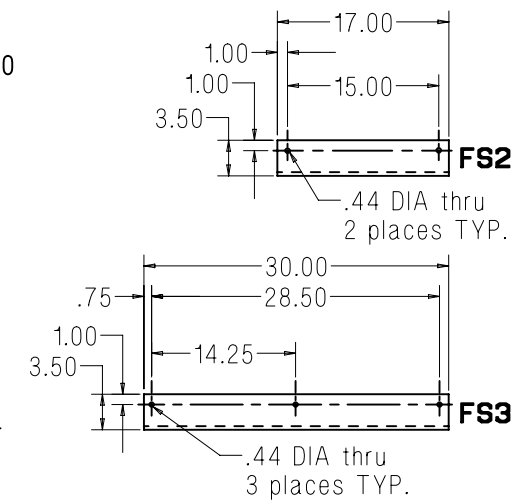


DETAIL "A"



BOX FEET DIMENSIONS

Notes:

1. Main conduit box is free standing and must be supported from below by customer. A removable bottom plate is supplied on the FS2 and FS3 conduit boxes.
2. C = Length of motor from drive end of shaft to end of standard fan housing.
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. Long shaft may be either belt drive or direct connection depending upon the bearing installed in the motor.
7. Adding a rotating labyrinth seal to the drive end decreases N by:
2 Pole: 0.55"
8. Adding a ground brush increases BA & C by:
2 Pole: 0.50"
9. Adding a ground brush with rotating labyrinth seal increases BA & C by:
2 Pole: 0.75"

Standard Dimensions in Inches

Shaft	Frame	Speed	B	BA _{8,9}	C _{8,9}	E	2F	N ₇	(N-W)	P	R	S	U	V ₃	ES	Approx. Ship Wt. (Lbs)
Short	5010S	2 Pole	37.0	8.50	73.7	10.00	32.0	7.50	5.25	29.5	2.275	0.625	2.625	5.00	3.5	4300
Short	5012S	2 Pole	45.0	8.50	80.7	10.00	40.0	7.50	5.25	29.5	2.275	0.625	2.625	5.00	3.5	5000

Certification: Customer _____ P.O. _____ S.O. _____ Item _____
 HP _____ RPM _____ Frame _____ PH/HZ/Volts 3/_____/_____/_____ Terminal Box Size FS2 FS3
 By _____ Date _____
 Comments _____

NCZAO_5010-12_2PL_AF_FS
 A5E31884929A REV AA
 03/08/13