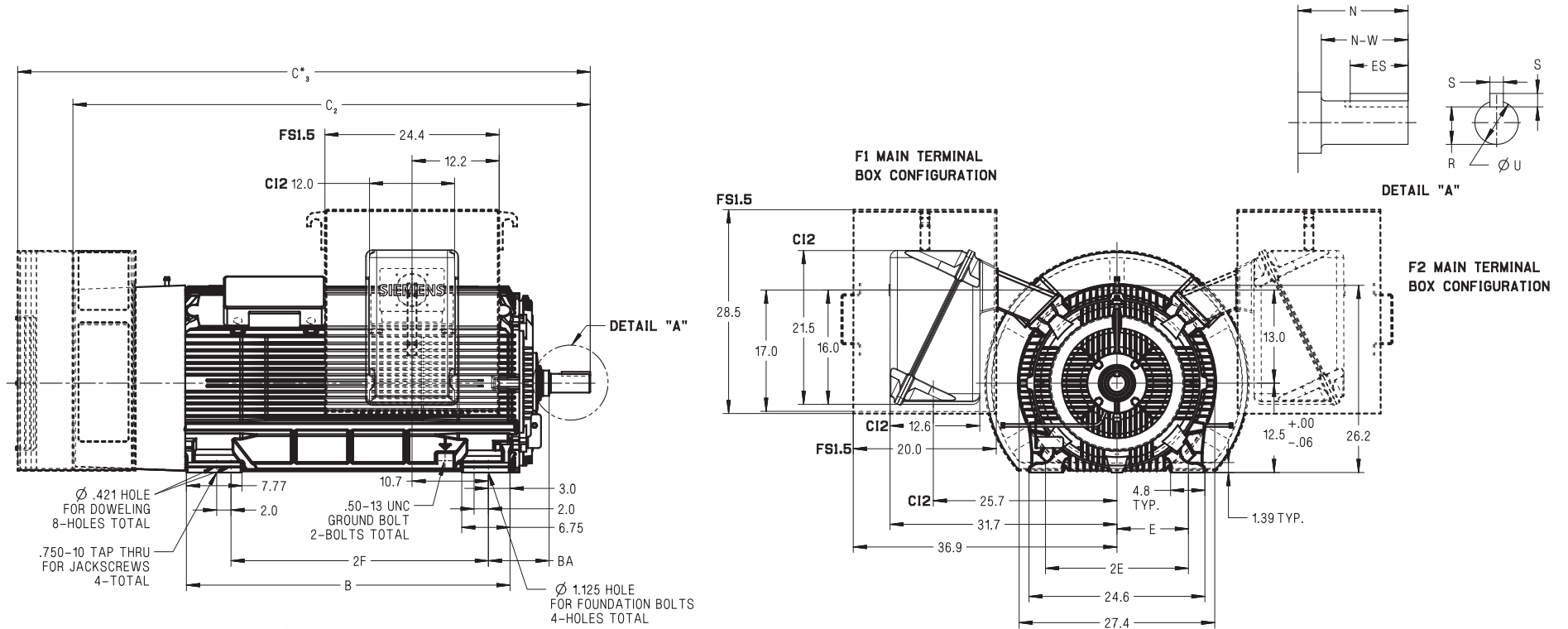


SIEMENS

Dimension Prints for AboveNEMA Motors

Type 1LA3 – Horizontal – TEFC / Totally Enclosed Fan Cooled
 Anti-Friction Bearing – Direct Connected
 Frame 5011 – 2 Pole & Slower – Rotatable Main Conduit Box



Notes:

- The main conduit box may be rotated in steps of 90°. A spacer is supplied for all rotatable conduit boxes. A removable bottom plate is supplied on the FS1.5 conduit box. A 5.0 N.P.T. is supplied on the C12 conduit box.
- C = Length of motor from drive end of shaft to end of standard fan housing.
- C* = Length of motor from drive end of shaft to end of low noise fan housing.
- V = (N-W) - 0.25" = length of shaft available for coupling.
- 2 Pole machines may rotate in one direction only.
- Shims may be necessary under motor feet for direct connection.
- 2 Pole machines are for direct connection. 4 Pole and slower machines may be either belt drive or direct connection depending upon the bearing installed in the motor.
- Adding a ground brush increases BA and decreases N-W by:
 4 Pole +: 0.20"
- Ground brush not available with C & D flange motors.

SHEET 1 OF 2

Frame	Speed	B	BA	C ₂	C ₃ *	E	2F	N	(N-W)	R	S	U	V	ES	Approx. Ship Wt. (Lbs)
5011	2 Pole	45.28	8.50	72.4	80.09	10.00	36.0	6.86	5.75	2.275	0.625	2.625	5.50	4.0	4400
5011	4 Pole +	45.28	8.50	78.0	85.69	10.00	36.0	12.56	11.62	3.309	1.000	3.875	11.37	10.0	4650

Certification: Customer _____ P.O. _____ S.O. _____ Item _____
 HP _____ RPM _____ Frame _____ PH/HZ/Volts 3/_____/_____
 Terminal Box Size C12 FS1.5
 Customer Tag # _____ By _____ Date _____
 Comments _____
 Not for construction, installation or application purposes unless certified.

TEFC_1LA3_5011_2plusPL_AF_ROT
 A5E47558502A REV AF
 10/02/20

