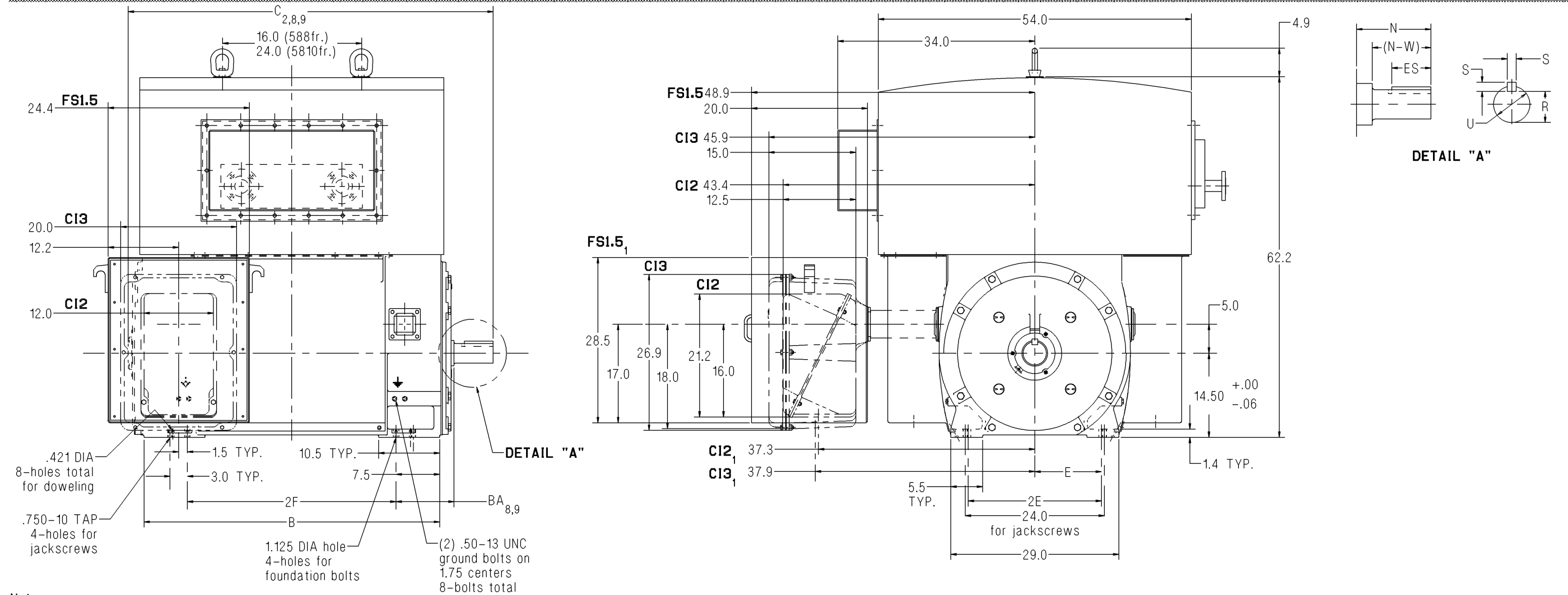


SIEMENS

Type CGG – Horizontal – Totally Enclosed Water to Air Cooled
Anti-Friction Bearing – Direct Connected
Frames 588 / 5810 – Rotatable Main Conduit Box

Dimension Prints for Above NEMA Motors



Notes:

- Main conduit box may be rotated in steps of 90° except in the 180° position.
A removable bottom plate is supplied on the FS1.5 conduit box.
A 5.0 N.P.T. is supplied on the C12 and C13 conduit boxes.
A 12.0" spacer is supplied on both frames for all rotatable 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.
- 2 Pole machines may rotate in one direction only.
- Shims may be necessary under motor feet for direct connection.
- Short shaft or long 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:
2 Pole: 1.55" 4 Pole & Slower: 1.55" Long Shaft 4 Pole & Slower: 1.55"
- Adding a ground brush with rotating labyrinth seal increases BA and C by:
2 Pole: 1.55" 4 Pole & Slower: 1.55" Long Shaft 4 Pole & Slower: 1.55"

Standard Dimensions in Inches

Shaft	Frame	Speed	B	BA _{8,9}	C _{2,8,9}	E	2F	N	(N-W)	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	6600
Short	588S	4 Pole & Slower	43.0	10.00	56.4	11.5	28.0	8.25	8.00	3.436	1.00	4.000	7.75	6.0	6800
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	7900
Short	5810S	4 Pole & Slower	51.0	10.00	64.4	11.5	36.0	8.25	8.00	3.436	1.00	4.000	7.75	6.0	8100
Long	588	4 Pole & Slower	43.0	10.00	63.0	11.5	28.0	14.90	14.62	4.169	1.25	4.875	14.38	13.0	6800
Long	5810	4 Pole & Slower	51.0	10.00	71.0	11.5	36.0	14.90	14.62	4.169	1.25	4.875	14.38	13.0	8100

Certification: Customer _____ P.O. _____ S.O. _____ Item _____
 HP _____ RPM _____ Frame _____ PH/HZ/Volts 3/_____/_____
 By _____ Date _____ Terminal Box Size C12 C13 FS1.5
 Comments _____
 Not for construction, installation or application purposes unless certified.

CGG_580_2plusPL_AF_ROT
Revision 01
01/27/09