

ADD-A-PHASE®

TYPE SUB PHASE CONVERTER

Type SUB is the ADD-A-PHASE static three phase (3Ø) converter specifically designed for use with deep well submersible pump motors and submersible waste water pump motors.

Because these motors are much more specialized than standard T-frame motors, they generally require more amps for a given horsepower than the standard motor does. Therefore, Type SUB is built to handle the extra load requirements of this type motor.

APPLICATIONS

- Drainage pumps
- Submersible pumps
- Swimming pool pumps



SPECIFICATIONS

Starting Current:	Input Voltage:	Motor Ratings:
Approximately 300% of single phase (1Ø) input FLA	240V or 480V	1 HP to 100 HP

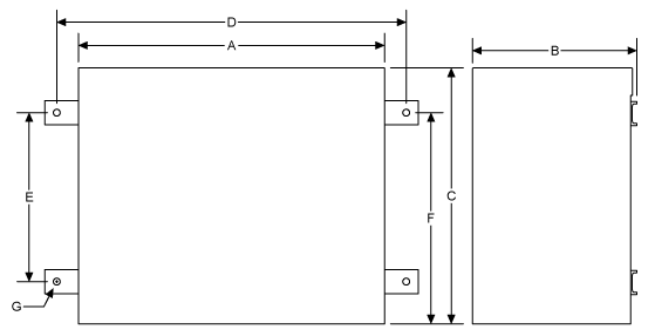
1Ø FULL-LOAD AMP RATING

Horsepower	Input Voltage	
	240V	480V
1	7A	4A
1.5	9A	6A
2	13A	7A
3	20A	10A
5	30A	15A
7.5	40A	20A
10	60A	30A
15	80A	40A
20	95A	48A
25	115A	58A
30	150A	75A
40	185A	93A
50	220A	110A
60	280A	140A
75		170A
100		225A

ENCLOSURE SIZE & APPROXIMATE SHIPPING WEIGHT

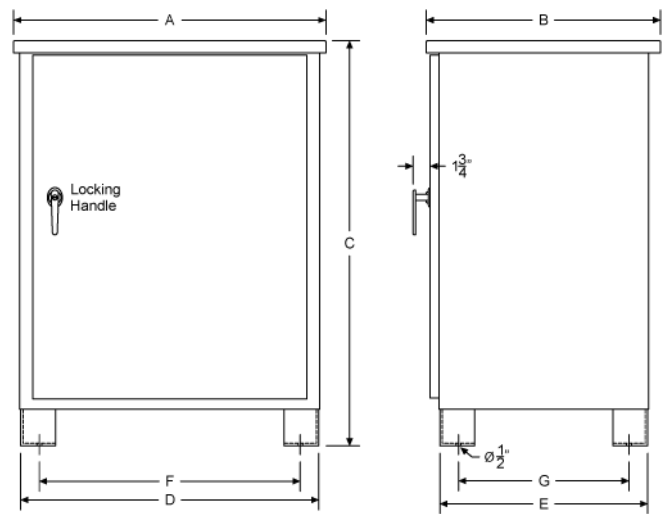
Enclosure	Horsepower	Type 2SUB Weight	Type 3SUB Weight	Type 4SUB Weight
603	1	60 lbs.		60 lbs.
	1.5	63 lbs.		63 lbs.
	2	74 lbs.		
107	1		119 lbs.	
	1.5		127 lbs.	
	2		138 lbs.	115 lbs.
	3	140 lbs.	160 lbs.	142 lbs.
	5	165 lbs.	190 lbs.	165 lbs.
115	7.5	205 lbs.	240 lbs.	205 lbs.
	10	242 lbs.	285 lbs.	245 lbs.
130	15	310 lbs.	380 lbs.	320 lbs.
	20	350 lbs.	400 lbs.	360 lbs.
	25	390 lbs.	450 lbs.	420 lbs.
150	30	555 lbs.	635 lbs.	574 lbs.
	40	626 lbs.	720 lbs.	660 lbs.
175	50	680 lbs.	867 lbs.	755 lbs.
	60	700 lbs.	975 lbs.	892 lbs.
	75			1,115 lbs.
	100			1,125 lbs.

NEMA 3R ENCLOSURES: FRAMES 603, 107, 115 & 130 (IN INCHES)



Enclosure	Applies to converter sizes:	A	B	C	D	E	F	G
603	1 HP – 2 HP (Type 2SUB) 1 HP – 1.5 HP (Type 4SUB)	17 in.	11 in.	16 1/8 in.	18 in.	10 in.	13 in.	1/2 in.
107	3 HP – 5 HP (Type 2SUB) 1 HP – 5 HP (Type 3SUB) 2 HP – 5 HP (Type 4SUB)	22 1/4 in.	12 7/8 in.	18 5/8 in.	26 in.	11 1/2 in.	15 in.	9/16 in.
115	7.5 HP – 10 HP (Types 2SUB, 3SUB & 4SUB)	25 1/2 in.	14 in.	21 1/4 in.	29 in.	14 in.	17 1/2 in.	9/16 in.
130	15 HP – 25 HP (Types 2SUB, 3SUB & 4SUB)	28 3/4 in.	16 1/2 in.	26 3/4 in.	32 1/4 in.	17 5/8 in.	22 1/8 in.	9/16 in.

PADMOUNT ENCLOSURES



Enclosure	Applies to converter sizes:	A	B	C	D	E	F	G
150	30 HP – 40 HP (Types 2SUB, 3SUB & 4SUB)	32 in.	22 7/8 in.	40 7/8 in.	30 in.	21 in.	27 1/2 in.	18 1/2 in.
175	30 HP – 40 HP (Types 2SUB, 3SUB & 4SUB)	38 in.	28 7/8 in.	40 7/8 in.	36 in.	27 in.	33 1/2 in.	24 1/2 in.



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