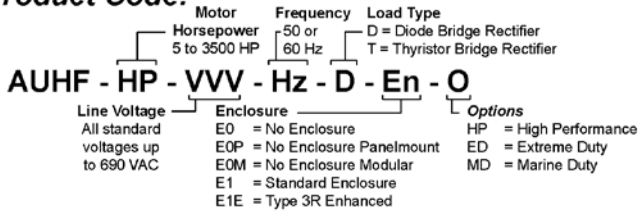
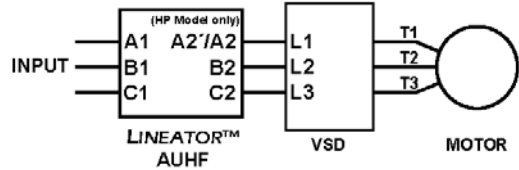


### Product Code:



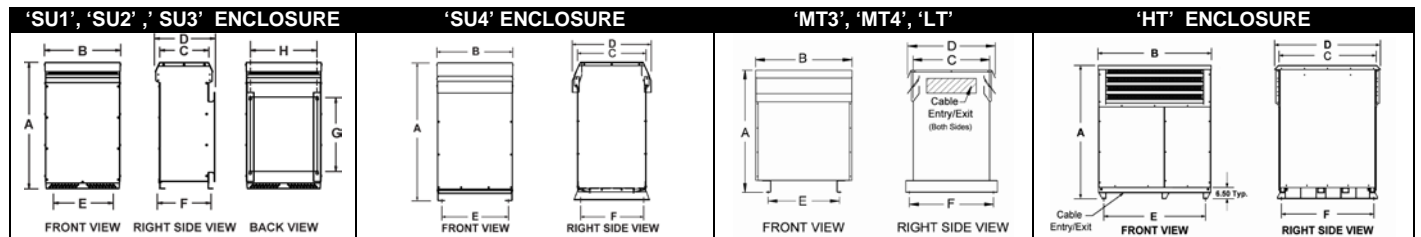
### Connection Diagram



GENERAL SPECIFICATIONS:	
<b>RATING</b>	For motor/drive system sizes 5HP(4kW) to 3500HP(2600kW)
<b>VOLTAGE</b>	Standard voltages up to 690V
<b>FREQUENCY</b>	50 Hz or 60Hz models
<b>OVERLOAD CAPABILITY</b>	Suitable for overload of 150% for 60 seconds every 10 minutes
<b>HARMONICS TREATED</b>	All harmonics 5 <sup>th</sup> and higher
<b>K-FACTOR SUITABILITY</b>	Up to 20 (Reduced to <1.5 on input of AUHF)
<b>MAXIMUM CAPACITIVE REACTIVE CURRENT @ N.L. (kVAR as % of rated kW)</b>	5 to 75HP: < 20% 100 to 3500HP: 10 to 15%
<b>INPUT CURRENT DISTORTION</b>	< 8% @ Full Load < 5% @ Full Load for HP version
<b>EFFICIENCY</b>	5 to 600HP: > 99% 700 to 1800HP: > 99.2% 2000 to 3500HP: > 99.4%
<b>ELEVATION</b>	≤ 3300ft [1000m] above sea level
<b>VENTILATION</b>	Convection air cooled
<b>AMBIENT TEMPERATURE</b>	≤ 40 Deg C [104 Deg F] Up to 55 Deg C for ED version
<b>WINDING MATERIAL</b>	Copper
<b>ENCLOSURE</b>	Type: TYPE-3R, Colour: ANSI 61 Grey Paint: Polyester powder coated Wall Mtg Capability: 5 to 200HP
<b>OPTIONS:</b>	TYPE-3R Enhanced Outdoor Ventilated Enclosure, Fan Cooling (150-3500HP), Hinged Doors (150-3500HP), IP Rated

Motor Size		Lineator Rating (3-Phase)				480V (60Hz)				600V (60Hz), 690V (50-60Hz)			
		Input Amps				Standard Enclosure		Enhanced Enclosure		Standard Enclosure		Enhanced Enclosure	
		460/480V 60Hz	575/600V 60Hz	660/690V 50/60Hz	Output kW	Case Style	Weight lbs [kg] <sup>[1]</sup>	Case Style	Weight lbs [kg] <sup>[1]</sup>	Case Style	Weight lbs [kg] <sup>[1]</sup>	Case Style	Weight lbs [kg] <sup>[1]</sup>
5	4	7	5	5	4.5	SU1	58 [26]	SU1-E	68 [31]	SU1	57 [26]	SU1-E	67 [30]
7.5	5.5	9	7	6	6.3	SU1	67 [30]	SU1-E	77 [35]	SU1	67 [30]	SU1-E	77 [35]
10	7.5	12	10	8	8.5	SU1	78 [35]	SU1-E	88 [40]	SU1	77 [35]	SU1-E	87 [39]
15	11	17	14	12	13	SU1	90 [41]	SU1-E	100 [45]	SU1	86 [39]	SU1-E	96 [44]
20	15	23	18	16	17	SU2	118 [54]	SU2-E	128 [58]	SU2	98 [45]	SU2-E	128 [58]
25	18.5	29	23	20	21	SU2	130 [59]	SU2-E	140 [64]	SU2	125 [57]	SU2-E	135 [61]
30	22	34	28	24	25	SU2	142 [65]	SU2-E	152 [69]	SU2	137 [62]	SU2-E	147 [67]
40	30	46	37	32	34	SU2	154 [70]	SU2-E	164 [74]	SU2	149 [68]	SU2-E	159 [72]
50	37.5	57	45	40	42	SU3	186 [84]	SU3-E	196 [89]	SU3	184 [83]	SU3-E	196 [89]
60	45	69	55	48	51	SU3	218 [99]	SU3-E	228 [103]	SU3	206 [94]	SU3-E	216 [98]
75	55	85	68	59	63	SU3	304 [138]	SU3-E	314 [142]	SU3	298 [135]	SU3-E	308 [140]
100	75	113	90	79	84	SU3	323 [147]	SU3-E	333 [151]	SU3	315 [143]	SU3-E	325 [147]
125	90	141	112	98	104	SU4	345 [156]	SU4-E	419 [191]	SU4	345 [156]	SU4-E	419 [191]
150	110	169	135	118	125	SU4	365 [166]	SU4-E	439 [200]	SU4	365 [166]	SU4-E	439 [200]
200	150	226	180	158	168	MT3	415 [189]	MT3-E	489 [222]	MT3	415 [189]	MT3-E	489 [222]
250	185	281	225	196	209	MT3	578 [262]	MT3-E	640 [290]	MT3	578 [262]	MT3-E	640 [290]
300	200	337	270	235	251	MT4	585 [266]	MT4-E	695 [316]	MT4	585 [266]	MT4-E	695 [316]
350	250	395	315	275	292	MT4	800 [363]	MT4-E	1006 [456]	MT4	780 [354]	MT4-E	1006 [456]
400	315	470	375	325	349	LT1	825 [374]	LT1-E	1031 [467]	LT1	805 [365]	LT1-E	1031 [467]
500	400	595	475	415	443	LT1	915 [415]	LT1-E	1121 [508]	LT1	915 [415]	LT1-E	1121 [510]
600	450	670	535	470	499	LT2	1398 [634]	LT2-E	1476 [670]	LT2	1398 [634]	LT2-E	1476 [670]
700	500	780	625	545	579	LT2	1700 [771]	LT2-E	1839 [834]	LT2	1650 [748]	LT2-E	1740 [789]
800	560	890	715	620	662	LT3	1882 [854]	LT3-E	1954 [886]	LT3	1805 [819]	LT3-E	1852 [842]
900	630	990	795	690	736	LT3	1920 [871]	LT3-E	2054 [931]	LT3	1882 [854]	LT3-E	2054 [932]
1000	710	1100	880	770	818	LT3	1950 [884]	LT3-E	2084 [945]	LT3	1915 [869]	LT3-E	2064 [936]
1100	800	1210	970	845	900	HT2	2465 [1118]	HT2-E	2564 [1163]	HT2	2331 [1057]	HT2-E	2515 [1141]
1200	900	1330	1060	925	987	HT2	2568 [1167]	HT2-E	2958 [1245]	HT2	2465 [1121]	HT2-E	2855 [1298]
1300	970	1430	1145	1000	1064	HT2	2718 [1236]	HT2-E	3408 [1549]	HT2	2609 [1186]	HT2-E	2999 [1363]
1400	1000	1540	1235	1075	1145	HT3	2858 [1299]	HT3-E	3548 [1613]	HT3	2782 [1265]	HT3-E	3172 [1442]
1500	1120	1650	1325	1155	1228	HT3	3598 [1635]	HT3-E	3690 [1677]	HT3	3540 [1606]	HT3-E	3620 [1642]
1600	1200	1770	1415	1235	1316	HT3	3748 [1703]	HT3-E	3840 [1745]	HT3	3702 [1679]	HT3-E	3800 [1724]
1800	1350	1990	1595	1390	1481	HT3	3848 [1749]	HT3-E	4376 [1943]	HT3	3798 [1723]	HT3-E	3875 [1758]
2000	1450	2200	1765	1535	1636	HT3	3978 [1808]	HT3-E	4506 [2048]	HT3	3945 [1789]	HT3-E	4250 [1928]
2300	1700	2530	2030	1765	1882	HT3	4075 [1850]	HT3-E	4600 [2088]	HT3	4015 [1821]	HT3-E	4340 [1969]
2500	1850	2755	2205	1920	2045	HT3	4650 [2111]	HT3-E	4750 [2157]	HT3	4600 [2087]	HT3-E	4750 [2155]
2800	2100	3100	2480	2160	2303	HT3	5000 [2270]	HT3-E	5100 [2315]	HT3	4945 [2243]	HT3-E	5100 [2313]
3000	2250	3320	2660	2315	2468	HT3	5225 [2372]	HT3-E		HT3	5180 [2350]	HT3-E	
3500	2600	3855	3085	2685	2618	HT3	5550 [2520]	HT3-E		HT3	5490 [2490]	HT3-E	

Motor Size		Lineator Rating (3-Phase)				208, 240V (60Hz)				400, 440V (50Hz)				
HP	kW	Input Amps				Output kW	Standard Enclosure		Enhanced Enclosure		Standard Enclosure		Enhanced Enclosure	
		208V 60Hz	220/240V 50/60Hz	380/400V 50Hz	415/440V 50Hz		Case Style	Weight lbs [kg] <sup>[1]</sup>	Case Style	Weight lbs [kg] <sup>[1]</sup>	Case Style	Weight lbs [kg] <sup>[1]</sup>	Case Style	Weight lbs [kg] <sup>[1]</sup>
5	4	14	13	8	7	4.5	SU1	65 [30]	SU1-E	75 [34]	SU1	58 [26]	SU1-E	68 [31]
7.5	5.5	20	18	11	10	6.3		76 [35]		86 [39]		67 [30]		77 [35]
10	7.5	27	24	14	13	8.5		80 [36]		80 [36]		78 [35]		88 [40]
15	11	40	36	21	19	13	SU2	117 [53]	SU2-E	127 [58]		90 [41]	SU2-E	100 [45]
20	15	53	48	28	25	17		138 [63]		148 [67]		118 [54]		128 [58]
25	18.5	66	60	35	32	21		154 [70]		164 [74]	SU2	130 [59]		140 [64]
30	22	79	72	42	38	25		189 [86]	SU3-E	199 [90]		142 [65]		152 [69]
40	30	105	95	55	51	34	SU3	253 [115]		263 [119]		154 [70]		164 [74]
50	37.5	131	119	69	63	42		275 [125]	SU4-E	333 [151]	SU3	186 [84]	SU3-E	196 [88]
60	45	158	143	83	76	51		315 [143]		337 [153]		218 [99]		228 [103]
75	55	196	178	103	95	63		325 [148]		399 [181]		304 [138]		314 [142]
100	75	260	236	137	125	84	SU4	442 [201]		516 [235]		323 [147]	SU4-E	414 [188]
125	90	323	294	170	156	104		468 [213]	MT3-E	542 [246]	SU4	345 [156]	SU4-E	434 [197]
150	110	388	353	204	187	125		553 [251]		627 [285]		365 [166]	MT3-E	469 [213]
200	150			274	250	168					MT3	415 [189]	MT3-E	514 [234]
250	185			340	312	209						578 [262]	MT4-E	600 [273]
300	200			410	374	251					MT4	585 [266]		670 [305]
350	250			475	436	292						800 [363]	LT1-E	1006 [456]
400	315			565	520	349						825 [374]		1031 [467]
500	400			720	660	443					LT1	915 [415]		1121 [508]
600	450			810	740	499						1098 [499]	LT2-E	1176 [535]
700	500			940	865	579						1700 [771]		1839 [834]
800	560			1075	985	662					LT2	1882 [854]		1954 [886]
900	630			1200	1100	736						1920 [871]	LT3-E	2054 [931]
1000	710			1335	1220	818						1950 [884]		2084 [945]
1100	800			1470	1340	900					LT3	2465 [1118]		2564 [1163]
1200	900			1610	1470	987						2568 [1167]		2958 [1245]
1300	970			1735	1585	1064						2718 [1236]		3408 [1549]
1400	1000			1870	1710	1145						2858 [1299]	HT2-E	3548 [1613]
1500	1120			2000	1835	1228					HT2	3598 [1635]		3690 [1677]
1600	1200			2145	1965	1316						3748 [1703]		3840 [1745]
1800	1350			2410	2210	1481						3848 [1749]		4376 [1943]
2000	1450			2670	2440	1636						3978 [1808]		4506 [2048]
2300	1700			3065	2810	1882						4075 [1850]	HT3-E	4600 [2088]
2500	1850			3335	3050	2045						4650 [2111]		4750 [2157]
2800	2100			3750	3435	2303					HT3	5000 [2270]		5100 [2315]
3000	2250			4020	3680	2468						5225 [2372]		
3500	2600			4265	3905	2618						5550 [2520]		



CASE STYLE		ENCLOSURE DIMENSIONS - inches [mm]							
Standard	Enhanced	A	B	C	D	E	F	G	H
SU1	SU1-E	23.50 [597]	11.25 [286]	8.75 [222]	11.25 [286]	9.00 [229]	8.50 [216]	12.00 [305]	9.00 [228]
SU2	SU2-E	29.50 [749]	13.25 [336]	10.25 [260]	12.75 [324]	11.00 [279]	10.00 [254]	16.00 [406]	11.00 [279]
SU3	SU3-E	34.00 [864]	20.25 [514]	13.25 [336]	16.00 [406]	18.00 [457]	13.00 [330]	20.00 [508]	18.00 [457]
SU4	SU4-E	40.00 [1016]	22.00 [559]	18.50 [470]	23.00 [584]	20.00 [508]	20.00 [508]		
MT3	MT3-E	45.00 [1143]	26.00 [661]	21.00 [534]	25.00 [635]	21.50 [546]	19.00 [483]		
MT4	MT4-E	51.50 [1308]	32.00 [813]	25.50 [648]	29.50 [749]	23.50 [597]	23.50 [597]		
LT1	LT1-E	59.00 [1499]	39.50 [1003]	30.00 [762]	34.00 [864]	24.00 [610]	32.00 [813]		
LT2	LT2-E	66.00 [1677]	44.00 [1118]	34.00 [864]	38.00 [965]	26.00 [660]	36.00 [915]		
LT3	LT3-E	75.00 [1905]	48.50 [1232]	39.00 [991]	43.00 [1092]	27.50 [699]	41.00 [1041]		
HT2	HT2-E	78.00 [1981]	58.50 [1486]	51.00 [1295]	56.25 [1428]	52.50 [1333]	50.75 [1289]		
HT3	HT3-E	84.00 [2134]	68.50 [1740]	59.00 [1499]	64.50 [1638]	62.50 [1587]	58.75 [1492]		

**Notes:**

1. Approximate Values.
2. Specifications are subject to change without notice.
3. Lineator sizing is by standard motor horsepower and kW ratings. Each is capable of supplying the larger of the two ratings.
4. Cable entry is from left or right side only unless otherwise indicated.
5. For additional information refer to: Typical Specifications, Internal Layout and Connection Diagrams.

