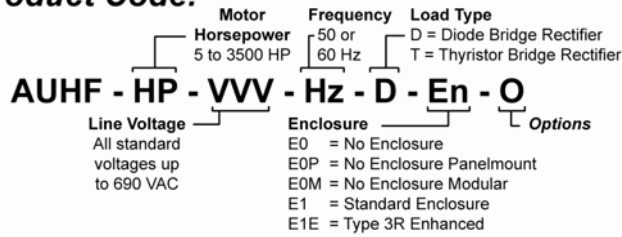
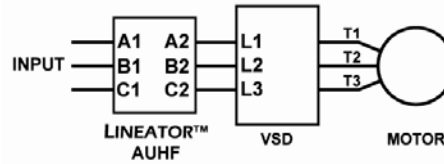


Product Code:



Connection Diagram

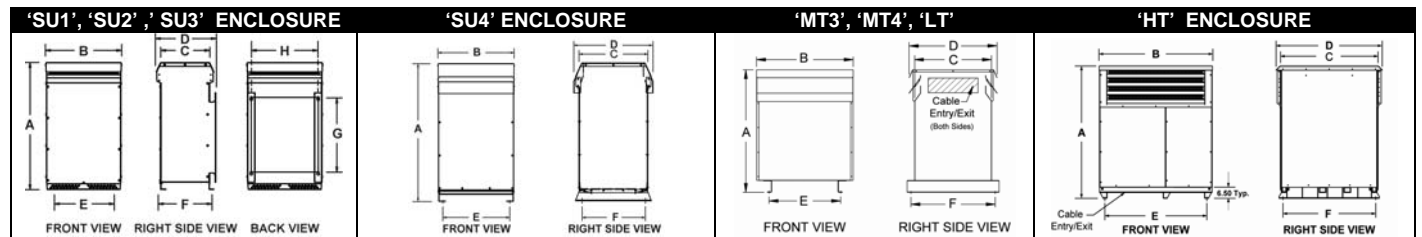


GENERAL SPECIFICATIONS:

RATING	For motor/drive system sizes 5HP(4kW) to 3500HP(2600kW)	INPUT CURRENT	< 8% @ Full Load
VOLTAGE	Standard voltages up to 690V	DISTORTION	
FREQUENCY	60Hz (50Hz available)	EFFICIENCY	> 99%
OVERLOAD CAPABILITY	Suitable for overload of 150% for 60 seconds every 10 minutes	ELEVATION	≤ 3300ft [1000m] above sea level
HARMONICS TREATED	All harmonics 5 th and higher	VENTILATION	Convection air cooled
K-FACTOR SUITABILITY	Up to 20 (Reduced to <1.5 on input of AUHF)	AMBIENT TEMPERATURE	≤ 104 Deg F [40 Deg C]
MAXIMUM CAPACITIVE REACTIVE CURRENT @ N.L.	< 20% of rated input current	WINDING MATERIAL	Copper
		ENCLOSURE	Type: TYPE-3R, Colour: ANSI 61 Grey Paint: Polyester powder coated Wall Mtg Capability: 5 to 200HP
		OPTIONS:	TYPE-3R Enhanced Outdoor Ventilated Enclosure, Fan Cooling (150-350HP), Hinged Doors (150-350HP)

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

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] ^[1]	Case Style	Weight lbs [kg] ^[1]	Case Style	Weight lbs [kg] ^[1]	Case Style	Weight lbs [kg] ^[1]
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						415 [189]	MT3	514 [234]
250	185			340	312	209					MT3	578 [262]	MT4-E	600 [273]
300	200			410	374	251						585 [266]		670 [305]
350	250			475	436	292					MT4	800 [363]		1006 [456]
400	315			565	520	349						825 [374]	LT1-E	1031 [467]
500	400			720	660	443						915 [415]		1121 [508]
600	450			810	740	499					LT1	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						2464 [1118]		2564 [1163]
1200	900			1610	1470	987					LT3	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						3598 [1635]		3690 [1677]
1600	1200			2145	1965	1316						3748 [1703]		3840 [1745]
1800	1350			2410	2210	1481					HT2	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
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.

