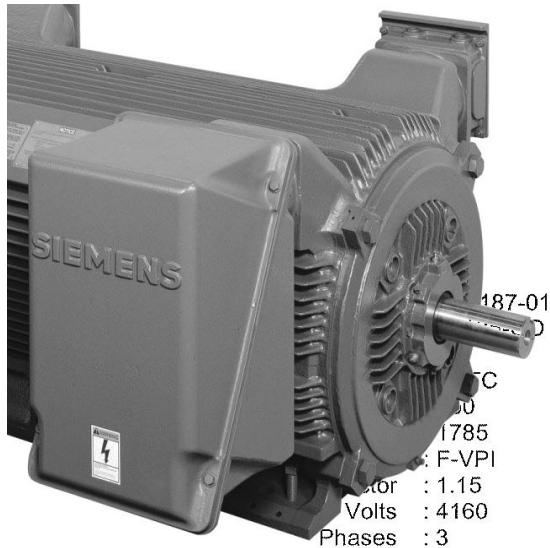


# SIEMENS

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706, Rev. 0



### Induction Motor Data

187-01	Type	: CGZ
50	Amps	: 31.9
1785	Hertz	: 60
F-VPI	KVA Code	: F
1.15	Frame	: 507
Volts : 4160	NEMA Design	: B
Phases : 3	Bearing Type	: Anti-Friction
	Ambient	: 40 ° C

Rotor Weight	: 934 lbs.
Motor Weight	: 3500 lbs.
Rotor wk <sup>2</sup>	: 141 lbs*ft <sup>2</sup> .
Customer wk <sup>2</sup>	: 472 lbs*ft <sup>2</sup> .

#### EFFICIENCY

½ Load	: 93.4
¾ Load	: 94.1
Full Load	: 94.1

#### POWER FACTOR

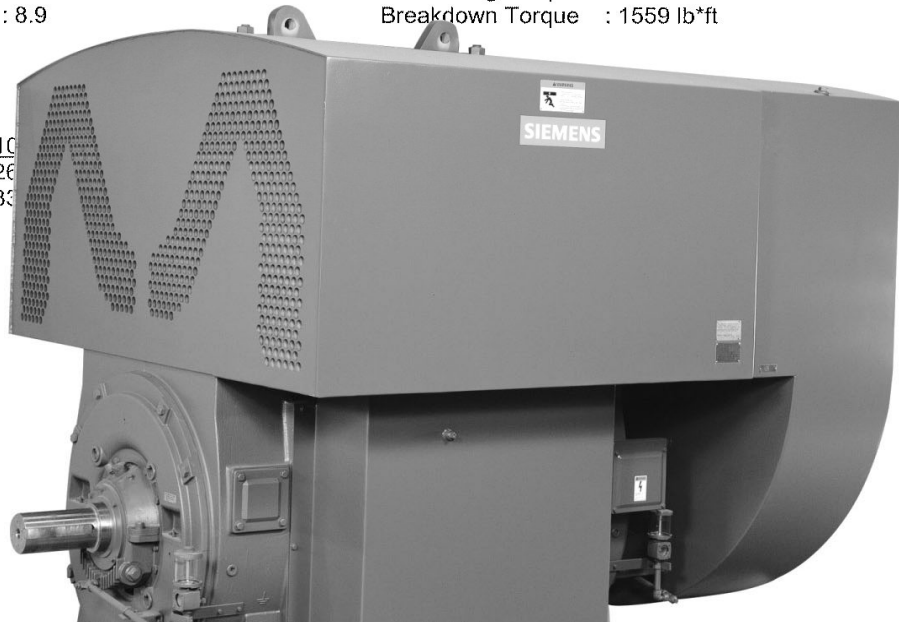
½ Load	: 78.4
¾ Load	: 84.3
Full Load	: 86.1

Full Load Amps	: 31.9
Locked Rotor Amps	: 189
No Load Amps	: 8.9

Full Load Torque	: 736 lb*ft
Starting Torque	: 743 lb*ft
Breakdown Torque	: 1559 lb*ft

#### SAFE STALL TIME

	100%V	110
Hot	: 22 sec.	: 26
Cold	: 26 sec.	: 33



***Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706***

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**Revision Record**

<b>Date</b>	<b>Section</b>	<b>Part</b>	<b>Page</b>
07/06	New	New	New

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

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### General Information

The following pages contain typical performance data for horizontal motors manufactured by Siemens in the Norwood, OH facility.

The data is typical of motor performance based on a maximum 40 degrees C ambient and a maximum 80 degrees C rise by resistance at full load as well as the frequency and the rated voltage at the motor terminals indicated on the page.

Because other electrical and/or mechanical requirements may affect the typical motor design, this data is not guaranteed. For guaranteed performance data forward all detail requirements of the application to factory including, but not limited to, the type of start if other than across-the-line, starting voltage at the motor terminals if less than 90%, a load curve with inertia, any frequency variation, special temperature rise, special torques, special noise requirements, etc.

Please contact your local Siemens sales representative for information or assistance with any ratings or modifications not found in this book or with any Siemens products.

**NOTE:** This supercedes previous version of Performance Data for Horizontal Above NEMA Motors ANSS-61000-1203.

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### Index

Section 2	Page
Part 1 ODP Enclosure	
460 Volt – 60 Hertz	<b>1</b>
2300 Volt – 60 Hertz	<b>2-3</b>
4000 Volt – 60 Hertz	<b>4-6</b>
6600 Volt – 60 Hertz	<b>7-8</b>
3300 Volt – 50 Hertz	
6000 Volt – 50 Hertz	
Part 2 WPI Enclosure	
460 Volt – 60 Hertz	<b>1</b>
2300 Volt – 60 Hertz	<b>2-3</b>
4000 Volt – 60 Hertz	<b>4-6</b>
6600 Volt – 60 Hertz	<b>7-8</b>
3300 Volt – 50 Hertz	
6000 Volt – 50 Hertz	
Part 3 WP11 Enclosure	
460 Volt – 60 Hertz	<b>1</b>
2300 Volt – 60 Hertz	<b>2-3</b>
4000 Volt – 60 Hertz	<b>4-6</b>
6600 Volt – 60 Hertz	<b>7-8</b>
3300 Volt – 50 Hertz	
6000 Volt – 50 Hertz	
Part 4 TEWAC Enclosure	
460 Volt – 60 Hertz	<b>1</b>
2300 Volt – 60 Hertz	<b>2</b>
4000 Volt – 60 Hertz	<b>3-4</b>
6600 Volt – 60 Hertz	<b>5-6</b>
3300 Volt – 50 Hertz	
6000 Volt – 50 Hertz	
Part 5 TEFC Enclosures	
460 Volt – 60 Hertz	<b>1</b>
2300 Volt – 60 Hertz	<b>2-3</b>
4000 Volt – 60 Hertz	<b>4-5</b>
6600 Volt – 60 Hertz	<b>6-7</b>
Part 6 TEAAC Enclosure	
2300 Volt – 60 Hertz	<b>1-2</b>
4000 Volt – 60 Hertz	<b>3-4</b>

***Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706***

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Part 1A ODP Enclosure	
3300 Volt – 50 Hertz	<b>1</b>
6000 Volt – 50 Hertz	<b>2</b>
Part 2A WPI Enclosure	
3300 Volt – 50 Hertz	<b>1</b>
6000 Volt – 50 Hertz	<b>2</b>
Part 3A WPIL Enclosure	
3300 Volt – 50 Hertz	<b>1</b>
6000 Volt – 50 Hertz	<b>2</b>
Part 4A TEWAC Enclosure	
3300 Volt – 50 Hertz	<b>1</b>
6000 Volt – 50 Hertz	<b>2</b>
Part 5A TEFC Enclosure	
3300 Volt – 50 Hertz	<b>1</b>
6000 Volt – 50 Hertz	<b>2</b>

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### ODP ENCLOSURE 60 Hertz - 460 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
200	3600	460	508	3570	59.0	222	1440	G	94.7	95.1	95.0	89.1	87.2	81.4	295	236	635
200	1800	460	508	1780	81.0	233	1510	G	94.5	94.7	94.2	85.0	81.7	73.4	590	445	1425
200	1200	460	508	1180	75.0	237	1540	G	93.8	94.5	94.6	84.3	81.9	74.5	890	850	1780
200	900	460	508	884	92.0	251	1189	F	93.3	94.2	94.5	80.0	76.6	67.5	1189	1097	2219
250	3600	460	508	3565	67.0	277	1700	G	94.5	95.0	95.0	89.4	88.1	83.3	369	260	740
250	1800	460	508	1780	93.0	288	1870	G	95.0	95.3	95.1	85.6	82.8	75.2	738	555	1750
250	1200	460	508	1180	102	299	1940	G	94.0	94.6	94.7	83.3	80.4	72.3	1113	1110	2225
250	900	460	508	883	103	309	1431	F	93.4	94.4	94.8	81.2	78.6	70.5	1487	1358	2662
300	3600	460	508	3570	70.0	325	2110	G	95.1	95.7	95.9	90.9	89.8	85.8	442	355	995
300	1800	460	508	1775	108	351	2250	G	94.7	95.1	94.9	84.5	82.4	75.4	888	650	1850
300	1200	460	508	1180	104	349	2265	G	94.3	95.0	95.2	85.3	83.3	76.6	1335	1335	2670
300	900	460	508	886	148	374	2128	G	94.1	94.7	94.9	79.8	75.6	65.4	1778	2132	3978
350	3600	460	508	3565	80.5	382	2400	G	94.8	95.4	95.7	90.5	89.6	85.7	516	362	1085
350	1800	460	508	1780	156	417	2710	G	95.0	95.3	95.0	82.7	79.0	69.7	1033	878	2420
350	1200	460	508	1180	113	404	2625	G	94.4	95.3	95.5	85.9	84.2	78.0	1558	1710	3115
350	900	460	508	886	172	436	2490	G	94.1	94.8	95.0	79.8	75.6	65.6	2074	2545	4664
400	3600	460	508	3570	82.0	429	2785	G	95.3	95.9	96.2	91.6	90.9	87.7	589	470	1310
400	1800	460	508	1780	207	497	3110	G	94.7	95.1	94.9	79.6	75.2	64.9	1181	945	2620
400	1200	460	508	1180	140	471	2875	G	94.0	94.8	95.2	84.6	82.7	75.8	1780	1690	3470
400	900	460	5010	885	180	490	2772	G	94.3	95.0	95.3	81.1	77.5	68.3	2372	2874	5183
450	3600	460	508	3565	92.5	484	3146	G	95.1	95.7	96.1	91.5	90.8	87.6	663	500	1390
450	1800	460	508	1775	131	510	3300	G	94.9	95.5	95.6	87.0	85.7	80.3	1331	1065	2795
450	1200	460	5010	1180	132	512	3328	G	94.7	95.5	95.9	86.9	85.5	80.2	2003	2300	4085
450	900	460	5010	887	210	552	3405	G	94.4	95.1	95.3	80.9	76.9	67.1	2666	3508	6212
500	3600	460	508	3565	81.0	533	3305	G	95.0	95.8	96.3	92.5	92.5	90.5	737	555	1475
500	1800	460	508	1780	178	572	3715	G	95.3	95.7	95.6	85.9	83.4	76.2	1476	1325	3485
500	1200	460	5010	1180	169	580	3770	G	94.2	94.7	94.8	85.7	83.7	77.2	2225	2780	4520
500	900	460	588	890	211	611	3950	G	94.6	95.0	95.3	81.0	78.3	70.1	2950	2655	6260
600	3600	460	508	3565	111	645	4135	G	94.8	95.6	96.1	91.9	91.6	89.0	884	710	1835
600	1800	460	508	1780	209	698	4200	G	95.0	95.3	95.1	84.7	82.6	76.0	1770	1415	3685
600	1200	460	5010	1180	209	703	4565	G	94.1	94.7	94.6	85.0	83.0	76.3	2670	3330	5340
600	900	460	588	885	255	737	4740	G	94.1	94.5	94.2	81.0	78.3	70.3	3560	3560	7940
700	3600	460	508	3565	126	746	4845	G	95.3	96.0	96.5	92.2	91.9	89.4	1031	825	2215
700	1800	460	5010	1775	207	800	4800	G	94.8	95.3	95.3	86.4	85.3	80.2	2071	1550	4040
700	1200	460	588	1180	229	832	5240	G	94.2	94.8	94.8	83.6	82.0	76.0	3115	3900	6250
700	900	460	5810	890	281	841	5300	G	94.5	94.8	94.5	82.5	79.9	72.1	4130	4700	9950
800	3600	460	5010	3560	266	913	5480	G	95.4	95.7	95.6	86.0	83.9	77.3	1180	770	2410
800	1800	460	5010	1775	251	924	5545	G	95.0	95.5	95.5	85.3	83.9	78.2	2367	1890	4735
800	1200	460	588	1180	247	918	5780	G	94.6	95.0	94.9	86.3	84.8	79.2	3560	3800	7990
800	900	460	5810	890	326	971	6115	G	94.3	94.7	94.4	81.8	79.3	71.5	4720	4720	10950

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### ODP ENCLOSURE 60 Hertz - 2300 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
200	3600	2300	508	3570	12.0	45.0	292	G	93.6	93.4	92.4	88.9	87.1	81.8	295	235	665
200	1800	2300	508	1780	17.3	47.0	305	G	93.4	93.5	92.7	85.3	82.1	74.0	590	475	1450
200	1200	2300	508	1180	16.5	47.5	308	G	92.8	93.3	93.0	85.0	82.1	74.1	890	980	1850
200	900	2300	508	883	21.9	52.0	256	G	92.5	93.1	92.9	77.9	73.2	62.6	1190	1339	2499
250	3600	2300	508	3570	17.5	57.5	373	G	93.8	93.5	92.4	86.8	84.3	77.4	368	310	860
250	1800	2300	508	1780	26.0	61.5	381	G	93.3	93.4	92.6	81.6	77.3	67.4	738	555	1700
250	1200	2300	508	1180	19.0	59.0	380	G	93.1	93.6	93.5	85.2	82.8	75.5	1113	1200	2235
250	900	2300	508	884	27.4	64.4	338	G	93.0	93.5	93.3	78.1	73.3	62.5	1485	1809	3319
300	3600	2300	508	3565	21.0	68.5	435	G	93.8	93.8	93.0	87.4	85.3	79.1	442	350	925
300	1800	2300	508	1780	26.0	72.0	460	G	93.6	93.9	93.3	83.4	80.0	71.5	885	710	2040
300	1200	2300	508	1180	21.0	70.0	450	G	93.5	94.1	94.0	85.9	84.7	78.0	1335	1470	2760
300	900	2300	508	884	30.3	75.5	411	G	93.4	94.0	94.0	79.7	75.3	65.0	1782	2304	4023
350	3600	2300	508	3560	23.5	82.0	460	G	93.2	93.2	92.3	85.8	84.0	77.9	516	365	1005
350	1800	2300	508	1780	27.7	81.5	529	G	94.1	94.3	93.8	85.5	82.5	74.7	1033	880	2460
350	1200	2300	508	1180	22.5	80.5	520	G	93.6	94.3	94.5	87.0	85.6	79.9	1558	1715	3120
350	900	2300	5010	885	36.8	88.1	516	G	93.8	94.3	94.3	79.4	74.5	63.8	2076	2975	5065
400	3600	2300	508	3565	25.0	90.5	565	G	94.0	94.0	93.2	88.0	86.1	80.3	590	470	1300
400	1800	2300	508	1780	28.0	93.5	600	G	94.0	94.5	94.3	85.2	83.2	76.8	1180	825	2360
400	1200	2300	508	1180	26.0	92.0	597	G	93.8	94.5	94.6	86.8	85.2	79.3	1780	1960	3600
400	900	2300	5010	886	44.8	102	640	H	93.7	94.1	93.9	78.6	73.2	61.9	2370	3775	6300
450	3600	2300	508	3565	31.0	104	643	G	94.0	93.9	93.9	86.6	84.3	77.7	663	530	1415
450	1800	2300	508	1780	29.5	104	668	G	94.3	94.7	94.6	85.9	84.1	76.8	1328	1000	2660
450	1200	2300	5010	1180	28.5	103	669	G	93.9	94.6	94.7	87.1	85.4	79.6	2003	2200	4120
450	900	2300	588	890	42.0	112	705	G	93.9	94.2	93.9	80.1	76.6	67.5	2655	2655	6350
500	3600	2300	508	3560	31.0	115	652	G	94.0	94.1	93.4	86.6	85.0	79.4	738	515	1440
500	1800	2300	508	1780	34.0	118	740	G	94.1	94.6	94.5	84.3	82.5	76.1	1475	1105	2950
500	1200	2300	5010	1180	29.5	113	733	G	94.2	94.9	95.2	88.0	86.7	81.6	2225	2450	4500
500	900	2300	588	890	46.0	123	790	G	94.0	94.3	94.0	81.0	77.5	68.4	2950	3380	7000
600	3600	2300	508	3560	35.0	136	791	G	94.5	94.7	94.1	87.7	86.3	81.1	885	660	1770
600	1800	2300	508	1780	42.5	141	900	G	94.4	94.9	94.8	84.4	82.2	75.4	1770	1415	3545
600	1200	2300	5010	1180	33.0	136	883	G	94.1	94.9	95.3	87.8	87.0	82.5	2670	3000	5340
600	900	2300	5810	890	57.0	149	945	G	94.2	94.5	94.0	80.0	76.3	67.0	3540	4050	8400
700	3600	2300	508	3555	38.0	160	835	F	94.2	94.5	94.0	87.0	86.1	81.7	1034	695	1860
700	1800	2300	5010	1780	48.0	162	1045	G	94.7	95.1	95.0	85.4	83.4	76.8	2065	1850	4585
700	1200	2300	588	1180	42.0	160	1016	G	94.5	95.1	95.2	86.7	85.3	79.7	3115	3115	6250
700	900	2300	5810	890	65.0	173	1100	G	94.3	94.6	94.2	80.3	76.8	67.7	4130	4940	9800
800	3600	2300	508	3560	42.0	179	1021	G	94.6	94.9	94.5	88.5	87.6	83.2	1180	885	2240
800	1800	2300	5010	1780	50.0	182	1180	G	94.9	95.3	95.2	86.7	84.9	79.1	2360	2125	5190
800	1200	2300	588	1180	49.0	184	1160	G	94.4	94.9	94.8	86.2	84.8	79.3	3560	3560	7150
800	900	2300	5810	885	65.0	196	1250	G	94.2	94.6	94.5	81.2	78.9	71.3	4746	4746	10030
900	3600	2300	5010	3555	40.0	199	1095	F	94.8	95.2	95.0	89.3	89.0	86.0	1330	945	2460
900	1800	2300	5010	1780	59.0	199	1235	G	94.9	95.3	95.3	85.5	83.5	77.1	2655	2390	5365
900	1200	2300	5810	1185	58.0	206	1329	G	94.7	95.1	95.0	86.4	84.6	78.5	3988	3988	8000
900	900	2300	5812	890	79.0	220	1400	G	94.4	94.6	94.0	81.1	78.0	69.6	5309	6355	11700

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### ODP ENCLOSURE 60 Hertz - 2300 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
1000	3600	2300	5010	3555	45.0	221	1292	G	94.8	95.2	95.1	89.4	88.9	85.5	1447	1180	2805
1000	1800	2300	5810	1780	44.0	216	1400	G	95.3	95.6	95.5	91.0	90.3	86.9	2950	2655	6500
1000	1200	2300	5810	1185	64.0	228	1480	G	94.9	95.3	95.2	86.5	84.7	78.7	4431	4431	8900
1000	900	2300	5812	890	83.0	243	1555	G	94.5	94.7	94.2	81.5	78.8	70.9	5900	7080	12770
1250	3600	2300	5010	3570	58.0	273	1774	G	94.9	95.2	94.9	89.7	88.6	84.3	1839	2200	3850
1250	1800	2300	5810	1780	53.0	270	1750	G	95.3	95.7	95.6	91.0	90.4	87.3	3688	3320	7800
1250	1200	2300	5812	1185	69.0	282	1805	G	95.2	95.7	95.8	87.2	86.2	81.4	5538	5538	11100
1250	900	2300	6811	892	85.0	287	1779	G	95.3	95.7	95.6	85.5	83.5	76.9	7360	5152	14720
1500	3600	2300	5810	3570	54.0	315	2045	G	95.9	96.3	96.3	92.3	92.8	90.4	2207	1663	4675
1500	1800	2300	5810	1785	70.0	328	2100	G	95.6	95.9	95.7	89.6	89.0	85.4	4412	3530	9025
1500	1200	2300	5812	1185	87.0	339	2175	G	95.3	95.7	95.7	87.0	85.7	80.4	6646	6646	13300
1500	900	2300	6811	892	96.1	342	2120	G	95.4	95.8	95.8	86.0	84.3	78.3	8832	6182	17664
1750	3600	2300	5810	3570	62.0	369	2395	G	95.9	96.3	96.4	92.6	92.5	90.4	2474	1855	5180
1750	1800	2300	5812	1785	76.0	378	2450	G	95.8	96.1	96.0	90.5	90.3	87.6	5148	4120	10960
1750	1200	2300	6811	1190	85.5	386	2509	G	95.6	96.0	95.9	88.7	88.1	84.2	7724	5407	15448
1750	900	2300	6813	893	114	398	2587	G	95.6	96.0	95.9	86.2	84.3	78.0	10292	7719	21613
2000	3600	2300	5810	3575	84.0	430	2790	G	95.9	96.2	96.1	90.8	90.3	87.2	2938	1765	6777
2000	1800	2300	5812	1785	91.0	436	2830	G	95.8	96.1	96.0	89.7	89.2	85.6	5882	5000	12960
2000	1200	2300	6813	1190	92.7	439	2854	G	95.7	96.0	96.0	89.2	88.7	85.1	8827	6179	17654
2000	900	2300	6813	892	122	452	2893	G	95.7	96.1	96.1	86.6	85.1	79.5	11776	8243	23552
2250	3600	2300	5812	3575	82.0	477	3100	G	96.1	96.5	96.5	91.9	91.7	89.3	3305	2230	7940
2250	1800	2300	6811	1788	110	495	3218	G	96.0	96.2	96.0	88.7	88.0	83.1	6609	3965	13879
2250	1200	2300	6813	1190	101	492	3198	G	95.7	96.0	96.0	89.5	89.1	85.7	9930	6951	20853
2500	3600	2300	5812	3575	80.0	527	3290	G	96.2	96.6	96.7	92.3	92.4	90.6	3672	2472	8675
2500	1800	2300	6811	1788	112	544	3536	G	96.3	96.5	96.2	89.3	88.9	85.8	7343	4406	15420
2500	1200	2300	6813	1190	110	545	3543	G	96.0	96.4	96.3	89.5	89.2	86.0	11034	7724	23171
3000	3600	2300	6811	3581	142	600	3906	G	96.1	96.2	95.7	89.8	89.0	85.2	4400	2640	8800
3000	1800	2300	6813	1787	114	650	4030	G	96.3	96.5	96.4	89.7	90.0	87.8	8817	5290	17634
3500	3600	2300	6813	3581	159	751	4806	G	96.3	96.3	95.9	90.6	89.8	86.1	5133	3080	10779
3500	1800	2300	6813	1788	144	758	4927	G	96.5	96.7	96.6	89.6	89.6	86.8	10281	6169	21590
4000	3600	2300	6813	3582	203	865	5624	G	96.4	96.5	96.1	89.8	88.6	84.1	5865	3812	12903
4000	1800	2300	6813	1788	172	869	5649	G	96.5	96.7	96.6	89.3	89.1	86.1	11749	8224	25848
4500	3600	2300	6813	3580	191	964	5976	G	96.5	96.6	96.3	90.6	90.2	87.0	6602	4291	13204
5000	3600	2300	6813	3580	231	1082	5994	F	96.4	96.6	96.3	89.7	89.0	85.3	7335	4401	14670



## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### ODP ENCLOSURE 60 Hertz - 4000 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
200	3600	4000	508	3570	7.0	26.0	169	G	93.6	93.4	92.4	88.5	86.7	81.4	295	235	665
200	1800	4000	508	1780	10.0	27.0	175	G	93.4	93.5	92.7	85.4	82.2	74.1	590	475	1450
200	1200	4000	508	1180	9.5	27.5	178	G	92.8	93.3	93.0	84.4	81.5	73.5	890	980	1850
200	900	4000	508	885	34.7	29.7	158	G	92.8	93.3	93.1	78.2	73.2	62.2	1187	1431	2648
250	3600	4000	508	3570	10.0	33.0	214	G	93.8	93.5	92.4	87.0	84.5	77.6	368	310	860
250	1800	4000	508	1780	15.0	35.5	220	G	93.3	93.4	92.6	81.3	77.0	67.1	738	555	1700
250	1200	4000	508	1180	11.0	34.0	220	G	93.1	93.6	93.5	85.0	82.6	75.3	1113	1200	2235
250	900	4000	508	886	16.2	36.9	212	G	93.1	93.6	93.4	78.3	73.0	61.8	1482	2013	3577
300	3600	4000	508	3565	12.0	39.5	250	G	93.8	93.8	93.0	87.2	85.1	78.9	442	350	925
300	1800	4000	508	1780	15.0	41.5	265	G	93.6	93.9	93.3	83.2	79.8	71.3	885	710	2040
300	1200	4000	508	1180	12.0	40.0	260	G	93.5	94.1	94.0	86.4	84.2	77.5	1335	1470	2760
300	900	4000	5010	886	19.5	44.1	265	G	93.5	93.9	93.7	78.4	93.0	61.7	1778	2569	4498
350	3600	4000	508	3560	13.5	47.0	265	G	93.2	93.2	92.3	86.0	84.2	78.1	516	365	1005
350	1800	4000	508	1780	16.0	47.0	305	G	94.1	94.3	93.8	85.2	82.2	74.4	1033	880	2460
350	1200	4000	508	1180	13.0	46.5	300	G	93.6	94.3	94.5	86.6	85.2	79.5	1558	1715	3120
350	900	4000	5010	885	21.3	50.9	294	G	93.4	93.9	93.8	79.3	74.4	63.7	2076	2895	4982
400	3600	4000	508	3565	14.5	52.0	325	G	94.0	94.0	93.2	88.1	86.2	80.4	590	470	1300
400	1800	4000	508	1780	16.0	54.0	345	G	94.0	94.5	94.3	84.9	82.9	76.5	1180	825	2360
400	1200	4000	508	1180	15.0	53.0	344	G	93.8	94.5	94.6	86.7	85.1	79.2	1780	1960	3600
400	900	4000	5010	890	26.4	59.1	345	G	94.0	94.4	94.1	77.5	74.1	60.8	2360	3134	5179
450	3600	4000	508	3565	18.0	59.5	370	G	94.0	93.9	93.0	86.6	84.3	77.7	663	530	1415
450	1800	4000	508	1780	17.0	60.0	384	G	94.3	94.7	94.6	85.7	83.9	76.6	1328	1000	2660
450	1200	4000	5010	1180	16.5	59.5	386	G	93.9	94.6	94.7	86.8	85.1	79.3	2003	2200	4120
450	900	4000	588	890	25.0	65.0	409	G	93.7	94.1	93.7	79.5	76.0	66.7	2655	2655	6350
500	3600	4000	508	3560	18.0	66.0	375	G	94.0	94.1	93.4	86.8	85.2	79.6	738	515	1440
500	1800	4000	508	1780	19.5	68.0	425	G	94.1	94.6	94.5	84.1	82.3	75.9	1475	1105	2950
500	1200	4000	5010	1180	17.0	65.0	422	G	94.2	94.9	95.2	88.0	86.7	81.6	2225	2450	4500
500	900	4000	588	890	27.0	71.0	454	G	93.8	94.2	93.8	80.8	77.1	67.9	2950	3380	7000
600	3600	4000	508	3560	20.0	78.0	455	G	94.5	94.7	94.1	87.6	86.2	81.0	885	660	1770
600	1800	4000	508	1780	24.5	81.0	517	G	94.4	94.9	94.8	84.5	82.3	75.5	1770	1415	3545
600	1200	4000	5010	1180	19.0	78.5	510	G	94.1	94.9	95.3	87.5	86.7	82.2	2670	3000	5340
600	900	4000	5810	890	33.0	86.0	545	G	94.1	94.3	93.9	79.8	76.0	66.6	3540	4050	8400
700	3600	4000	508	3555	22.0	92.0	480	F	94.2	94.5	94.0	87.0	86.1	81.7	1034	695	1860
700	1800	4000	5010	1780	28.0	93.0	600	G	94.7	95.1	95.0	85.6	83.4	76.5	2065	1850	4585
700	1200	4000	588	1185	25.0	92.0	595	G	94.3	94.7	94.6	86.9	85.3	79.7	3102	3102	7065
700	900	4000	5810	890	38.0	100	606	G	94.2	94.4	94.0	80.0	76.4	67.2	4130	4940	9800
800	3600	4000	508	3560	24.0	103	587	G	94.6	94.9	94.5	88.4	87.5	83.1	1180	885	2240
800	1800	4000	5010	1780	29.0	105	680	G	94.9	95.3	95.2	86.5	84.7	78.9	2360	2125	5190
800	1200	4000	5810	1180	24.0	105	680	G	94.2	94.9	95.0	87.2	86.5	82.3	3560	3560	7200
800	900	4000	5810	890	40.0	112	715	G	94.3	94.5	94.1	81.5	78.5	70.3	4720	5650	10400
900	3600	4000	5010	3555	23.0	114	630	F	94.8	95.2	95.0	89.3	89.0	86.0	1330	945	2460
900	1800	4000	5010	1780	34.0	115	713	G	94.9	95.3	95.3	85.4	83.4	77.0	2655	2390	5365
900	1200	4000	5810	1185	33.5	119	850	H	94.6	95.0	94.9	86.0	84.2	78.0	3988	3988	8000
900	900	4000	5812	890	46.0	127	815	G	94.2	94.4	93.9	81.0	77.9	69.3	5309	6355	11700

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### ODP ENCLOSURE 60 Hertz - 4000 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
1000	3600	4000	5010	3555	26.0	127	740	G	94.8	95.2	95.1	89.4	88.9	85.5	1477	1180	2805
1000	1800	4000	5810	1780	26.0	125	810	G	95.1	95.5	95.3	90.6	89.9	86.3	2950	2800	7335
1000	1200	4000	5810	1185	35.0	131	850	G	94.6	95.2	95.2	86.9	85.5	80.0	4431	4431	8900
1000	900	4000	5812	890	50.0	140	905	G	94.4	94.6	94.1	81.4	78.7	70.7	5900	7080	12770
1250	3600	4000	5010	3570	34.0	157	1020	G	95.7	96.0	96.0	89.6	88.9	85.1	1839	2200	3850
1250	1800	4000	5810	1780	31.0	156	1010	G	95.1	95.5	95.5	90.7	90.2	86.9	3688	3500	8800
1250	1200	4000	5812	1185	40.0	163	1045	G	94.9	95.5	95.6	87.0	85.9	81.0	5538	5538	11100
1250	900	4000	6811	892	50.6	166	1029	G	95.1	95.5	95.4	85.2	83.1	76.2	7360	5152	14720
1500	3600	4000	5810	3570	32.0	181	1170	G	95.8	96.1	96.2	93.1	92.8	90.4	2206	1690	4720
1500	1800	4000	5810	1785	36.0	188	1210	G	95.3	95.7	95.6	90.1	89.9	87.1	4412	3530	10200
1500	1200	4000	5812	1185	51.0	196	1260	G	94.9	95.4	95.5	86.8	85.4	80.0	6646	6646	13300
1500	900	4000	6811	892	55.8	197	1221	G	95.1	95.6	95.6	86.1	84.3	78.2	8832	6182	17664
1750	3600	4000	5810	3570	44.0	215	1395	G	95.6	96.1	96.2	91.7	90.9	87.3	2574	2120	5740
1750	1800	4000	5812	1785	42.0	219	1400	G	95.5	95.9	95.9	90.1	89.9	86.9	5148	4120	11560
1750	1200	4000	6811	1190	48.3	222	1421	G	95.4	95.8	95.8	88.8	88.3	84.5	7724	5407	15448
1750	900	4000	6813	892	62.2	228	1436	G	95.3	95.8	95.8	86.6	85.1	79.3	10304	7213	20608
2000	3600	4000	5810	3575	50.0	248	1610	G	95.7	96.0	95.9	90.7	90.1	86.9	2938	1800	6795
2000	1800	4000	5812	1785	58.0	252	1630	G	95.5	95.9	95.8	89.5	88.6	84.4	5884	5000	14220
2000	1200	4000	6813	1190	54.0	253	1645	G	95.4	95.8	95.8	89.1	88.6	85.0	8827	6179	18537
2000	900	4000	6813	892	70.9	263	1683	G	95.4	95.9	95.9	86.6	85.1	79.3	11776	8243	23552
2250	3600	4000	5812	3575	48.0	272	1765	G	95.9	96.3	96.4	92.9	92.6	90.2	3305	2285	7100
2250	1800	4000	6811	1788	56.9	284	1789	G	95.8	96.1	96.0	89.1	89.0	85.8	6609	3965	13879
2250	1200	4000	6813	1191	62.5	284	1846	G	95.6	96.0	95.9	89.2	88.5	84.6	9922	7938	20836
2250	900	4000	8010	894	86.6	296	1796	G	95.7	96.0	95.8	85.6	83.7	77.3	13241	9910	27749
2500	3600	4000	5812	3575	47.0	303	1965	G	96.1	96.5	96.5	92.5	92.5	90.7	3672	2480	8585
2500	1800	4000	6811	1788	63.2	314	1978	F	96.2	96.4	96.2	89.1	88.9	85.8	7343	4406	15420
2500	1200	4000	6813	1190	66.0	315	2048	G	95.8	96.2	96.2	89.2	88.8	85.3	11034	7724	22068
2500	900	4000	8010	894	89.4	326	1903	F	96.1	96.3	96.1	85.8	84.4	78.8	14687	11015	29374
3000	3600	4000	6811	3581	87.5	376	2258	G	96.1	96.2	95.7	89.3	88.3	83.9	4400	2540	8800
3000	1800	4000	6813	1787	68.4	375	2325	G	96.2	96.5	96.4	89.5	89.7	87.2	8817	5290	17634
3000	1200	4000	8010	1192	93.0	392	2140	E	96.3	96.4	96.1	85.5	83.5	77.2	13210	8980	27741
3000	900	4000	8010	894	112	393	2349	F	96.1	96.4	96.2	85.5	83.9	77.8	17621	13744	37004
3500	3600	4000	6813	3581	92.2	432	2678	G	96.3	96.3	95.9	90.5	89.6	85.9	5132	3079	10777
3500	1800	4000	6813	1788	84.1	437	2841	G	96.3	96.6	96.5	89.6	89.5	86.6	10281	6169	22618
3500	1200	4000	8010	1192	127	456	2445	E	96.4	96.6	96.3	85.7	84.2	78.3	15414	10482	31600
3500	900	4000	8012	894	131	458	2761	F	96.2	96.4	96.3	85.5	83.8	77.7	20558	16446	43171
4000	3600	4000	6813	3582	118	498	3237	G	96.4	96.4	96.1	89.8	88.5	84.0	5865	3812	12903
4000	1800	4000	6813	1788	106	502	3263	G	96.4	96.7	96.5	89.0	88.5	85.0	11749	8224	25848
4000	1200	4000	8012	1193	142	517	2885	F	96.4	96.6	96.4	86.3	84.8	79.0	17613	12329	36987
4000	900	4000	8012	894	137	518	3136	F	96.2	96.5	96.4	86.3	85.1	80.7	23495	18796	46991
4500	3600	4000	6813	3580	112	555	3441	G	96.4	96.5	96.3	90.6	90.1	86.8	6602	4291	13204
4500	1800	4000	8010	1791	130	570	3501	F	96.2	96.3	95.8	88.3	87.6	83.6	13193	7916	29024
4500	1200	4000	8012	1192	152	579	3185	E	96.5	96.7	96.6	86.6	85.3	80.0	19818	13872	40626
5000	3600	4000	6813	3580	136	622	3566	F	96.4	96.5	96.3	89.8	89.0	84.1	7334	4767	15401
5000	1800	4000	8010	1791	116	622	3817	F	96.3	96.4	96.2	89.8	89.8	87.2	14622	9090	31523
5000	1200	4000	8012	1193	183	645	3871	G	96.6	96.7	96.5	86.4	84.6	78.4	22009	18046	49077

**Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706**

**ODP ENCLOSURE**  
**60 Hertz - 4000 Volt**

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
5500	3600	4000	8010	3585	201	701	4556	G	96.2	96.1	95.4	84.0	86.0	79.0	8053	3221	17327
5500	1800	4000	8010	1791	154	693	4505	G	96.4	96.6	96.2	88.6	87.8	83.8	16128	12400	32256
6000	3600	4000	8012	3586	186	751	4591	F	96.3	96.2	95.5	89.3	87.9	38.3	8787	5272	19331
6000	1800	4000	8010	1790	154	757	4920	G	96.4	96.6	96.4	88.5	88.3	85.0	17604	12322	35208
7000	3600	4000	8012	3585	157	853	5253	F	96.4	96.4	95.9	91.7	91.3	88.5	10254	6408	22558
7000	1800	4000	8012	1791	142	859	5557	F	96.7	96.9	96.7	89.9	90.7	89.0	20538	14368	41076
8000	3600	4000	8012	3586	167	974	6180	F	96.6	96.6	96.2	91.6	91.1	88.1	11717	7616	26363
8000	1800	4000	8012	1790	173	953	6195	F	97.0	97.2	97.2	89.7	89.7	87.0	23473	14370	45700
9000	3600	4000	8012	3585	184	1090	6673	F	96.5	96.4	96.0	92.1	91.9	89.7	13184	8570	28345

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### ODP ENCLOSURE 60 Hertz - 6600 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
300	1800	6600	508	1780	8.0	24.5	166	H	93.6	93.8	93.3	85.4	82.8	75.6	885	750	2100
350	1800	6600	508	1780	9.5	29.0	188	G	93.4	93.8	93.5	84.3	81.5	73.7	1033	830	2345
350	1200	6600	588	1185	8.0	28.0	180	G	93.0	93.6	93.4	87.7	85.9	80.2	1551	1551	3475
350	900	6600	588	890	12.0	31.0	190	G	93.0	93.3	92.7	79.2	75.3	65.8	2065	2065	4790
400	3600	6600	508	3565	9.0	32.0	192	G	93.6	93.7	92.9	87.2	85.2	79.1	590	472	1270
400	1800	6600	508	1780	10.0	32.5	210	G	93.9	94.3	94.0	85.5	83.1	76.1	1180	945	2635
400	1200	6600	588	1185	9.0	32.0	205	G	93.0	93.6	93.5	87.7	85.7	79.7	1773	1773	4040
400	900	6600	588	890	15.0	35.5	220	G	92.8	93.1	92.5	79.2	74.9	64.9	2360	2360	5495
450	3600	6600	508	3565	11.0	36.0	216	G	93.4	93.5	92.8	87.3	85.2	78.7	663	500	1360
450	1800	6600	5010	1780	10.5	36.0	233	G	93.9	94.4	94.2	86.9	85.1	79.1	1328	1130	2945
450	1200	6600	588	1185	10.0	36.0	230	G	93.0	93.8	94.0	87.7	86.2	80.8	1994	1994	4250
450	900	6600	588	890	18.0	40.0	260	H	93.2	93.4	92.7	78.7	73.9	63.2	2655	3100	6300
500	3600	6600	508	3565	11.0	39.5	250	G	93.8	94.0	93.3	88.1	86.1	80.2	737	625	1620
500	1800	6600	5010	1780	11.5	40.0	260	G	94.3	94.7	94.5	86.5	84.6	78.5	1475	1250	3355
500	1200	6600	588	1185	10.5	40.0	255	G	93.3	94.0	94.2	87.4	85.9	80.5	2216	2216	4870
500	900	6600	5810	890	16.0	42.5	275	G	93.8	94.2	94.0	81.8	78.6	70.0	2950	3245	6875
600	3600	6600	5010	3565	11.0	46.0	298	G	94.4	94.7	94.3	90.1	88.8	84.1	884	795	1945
600	1800	6600	5010	1780	13.5	48.0	310	G	94.4	94.8	94.7	86.4	84.5	78.5	1770	1500	3900
600	1200	6600	5810	1185	12.5	48.0	310	G	93.7	94.4	94.5	87.0	85.5	80.2	2659	2659	6080
600	900	6600	5810	890	21.0	52.0	330	G	93.9	94.0	93.3	80.1	76.0	66.1	3540	4600	8530
700	3600	6600	5010	3560	13.0	54.5	330	G	94.4	94.7	94.3	88.8	87.6	83.1	1033	850	2090
700	1800	6600	5010	1780	16.0	56.0	364	G	94.4	94.8	94.7	86.4	84.4	78.0	2065	1850	4700
700	1200	6600	5810	1185	14.0	56.0	360	G	93.8	94.5	94.8	87.0	85.8	81.0	3102	3102	6890
700	900	6600	5812	890	25.0	61.0	385	G	93.9	94.0	93.3	79.7	75.6	65.7	4130	5450	9940
800	3600	6600	5010	3565	13.5	61.0	390	G	94.7	95.1	94.9	90.4	89.5	85.5	1179	1060	2535
800	1800	6600	588	1780	16.0	63.0	405	G	94.0	94.5	94.4	88.1	86.6	81.4	2360	1860	5100
800	1200	6600	5812	1185	16.0	63.0	405	G	94.5	95.2	95.4	87.7	86.4	81.4	3545	3545	7775
800	900	6600	5812	890	27.0	69.0	440	G	94.0	94.1	93.5	80.4	76.5	67.1	4720	6100	11000
900	3600	6600	5010	3565	17.0	70.0	434	G	94.7	95.0	94.6	88.6	87.4	82.6	1326	1127	2758
900	1800	6600	5810	1780	11.5	67.5	435	G	94.6	95.2	95.3	92.0	91.9	89.7	2657	2260	6050
900	1200	6600	5812	1185	17.0	71.0	455	G	94.4	95.1	95.4	87.7	86.7	82.0	3988	3988	8430
900	900	6600	6811	892	22.8	72.6	457	G	94.6	95.0	94.9	85.5	83.1	75.8	5297	3708	10859
1000	3600	6600	5010	3560	17.0	77.5	465	G	94.5	95.0	94.8	89.1	88.5	84.7	1475	1180	2805
1000	1800	6600	5810	1785	16.0	77.0	500	G	95.1	95.5	95.4	89.1	88.4	84.8	2942	2060	6480
1000	1200	6600	5812	1185	19.0	79.0	505	G	94.5	95.2	95.5	87.4	86.5	82.0	4431	4431	9420
1000	900	6600	6811	893	25.8	80.5	523	G	94.7	95.1	95.0	85.6	82.9	75.4	5879	4703	12640
1250	3600	6600	5810	3570	20.0	93.0	604	G	95.1	95.5	95.4	92.2	91.4	87.8	1839	1555	4165
1250	1800	6600	5810	1785	21.0	96.0	620	G	95.2	95.6	95.6	89.2	88.5	84.8	3678	2600	8050
1250	1200	6600	6811	1191	23.1	96.9	630	G	94.9	95.3	95.2	88.7	87.7	83.1	5510	3857	11571
1250	900	6600	6811	892	29.3	99.6	637	G	94.8	95.3	95.3	86.4	84.2	77.7	7387	5518	15082
1500	3600	6600	5810	3570	18.0	111	720	G	95.3	95.8	95.9	92.5	92.5	90.5	2206	1815	4645
1500	1800	6600	5812	1785	18.0	112	725	G	95.4	95.9	96.1	91.6	91.7	89.7	4414	3840	10412
1500	1200	6600	6811	1190	25.5	115	749	G	95.1	95.5	95.5	89.3	88.6	84.6	6618	4963	13897
1500	900	6600	6813	892	33.0	119	771	G	94.8	95.3	95.4	87.1	85.3	79.3	8828	7504	18098

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### ODP ENCLOSURE 60 Hertz – 6600 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
1750	3600	6600	5810	3575	24.0	130	845	G	95.4	95.8	95.6	92.1	91.7	89.1	2570	1915	6700
1750	1800	6600	5812	1785	21.0	130	840	G	95.3	95.9	96.1	92.2	92.3	90.5	5150	4380	11980
1750	1200	6600	6813	1190	26.4	134	832	G	95.1	95.6	95.7	89.5	89.4	86.3	7721	5404	14669
1750	900	6600	6813	892	39.9	138	900	G	94.9	95.4	95.4	86.9	84.9	78.5	10300	8755	21630
2000	3600	6600	5812	3575	23.0	148	960	G	95.7	96.1	96.1	92.2	92.3	90.6	2938	2010	6780
2000	1800	6600	6811	1787	29.6	153	946	G	95.5	95.9	95.8	89.6	89.5	86.5	5876	3525	12045
2000	1200	6600	6813	1190	31.1	153	995	G	95.2	95.7	95.7	89.6	89.3	86.0	8824	6618	17647
2000	900	6600	8010	894	40.2	157	918	E	95.4	95.8	95.7	86.9	85.8	80.8	11750	8812	23498
2250	3600	6600	6811	3583	45.5	173	1124	G	95.2	95.2	94.5	89.2	87.4	81.9	3297	2143	7583
2250	1800	6600	6811	1788	36.2	171	1113	G	95.7	96.0	95.9	89.6	89.0	85.5	6607	3964	14865
2250	1200	6600	6813	1190	33.8	172	1101	F	95.3	95.8	95.7	89.6	89.4	86.4	9926	7445	19853
2250	900	6600	8010	894	50.0	178	1079	E	95.7	96.0	95.8	86.1	84.5	78.5	13212	9910	27745
2500	3600	6600	6811	3582	41.3	188	1187	G	95.6	95.6	95.0	90.6	89.7	85.7	3664	2382	8061
2500	1800	6600	6813	1788	34.6	188	1206	G	96.1	96.3	96.2	90.1	90.1	87.6	7341	4771	15415
2500	1200	6600	8010	1193	54.0	195	1122	F	96.3	96.5	96.3	86.8	85.1	79.2	11006	7924	23662
2500	900	6600	8012	894	51.0	197	1138	F	95.6	95.9	95.9	86.6	85.5	80.3	14685	10720	29370
3000	3600	6600	6813	3582	46.4	224	1454	G	96.0	96.0	95.4	91.2	90.4	86.7	4397	3078	9893
3000	1800	6600	6813	1787	40.3	226	1466	F	96.1	96.4	96.4	90.3	90.4	88.0	8814	5729	18509
3000	1200	6600	8012	1193	61.5	232	1314	F	96.4	96.6	96.5	87.3	95.9	80.4	13208	9906	28397
3000	900	6600	8012	894	65.7	236	1521	G	95.6	96.0	95.9	86.6	84.9	79.0	17612	15146	38746
3500	3600	6600	6813	3582	56.9	262	1703	F	96.0	96.1	95.7	90.8	89.9	85.9	5130	3591	11542
3500	1800	6600	6813	1787	46.3	264	1662	F	96.1	96.4	96.3	90.1	90.3	88.0	10283	6684	21593
3500	1200	6600	8012	1193	74.5	272	1611	F	96.6	96.8	96.6	87.0	85.3	79.5	15404	11553	33118
3500	900	6600	8012	894	69.0	274	1620	F	96.0	96.3	96.2	86.8	85.8	80.9	20560	16448	41120
4000	3600	6600	6813	3581	55.6	297	1813	F	96.1	96.2	96.0	91.4	91.0	88.2	5864	4105	12315
4000	1800	6600	8010	1792	66.7	304	1956	G	96.1	96.2	95.7	89.2	88.5	84.8	11724	7573	26965
4000	1200	6600	8012	1193	78.2	309	1785	F	96.6	96.8	96.0	87.5	86.3	81.3	17612	13209	37865
4500	3600	6600	8010	3587	94.0	345	2192	F	95.8	95.5	94.6	88.8	86.9	81.1	6588	3952	15152
4500	1800	6600	8010	1791	58.2	336	2116	F	96.2	96.3	96.0	90.6	90.8	88.5	13193	8575	30340
5000	3600	6600	8012	3586	86.0	377	2310	F	95.9	95.8	95.0	90.3	89.1	84.9	7322	4393	16108
5000	1800	6600	8010	1791	78.0	379	2464	G	96.5	96.7	96.5	89.1	89.0	86.0	14662	10263	29329
5500	3600	6600	8012	3587	102	416	2260	F	96.1	96.0	95.2	89.8	88.4	83.5	8053	4912	18522
5500	1800	6600	8010	1791	87.0	418	2717	G	96.5	96.8	96.6	89.0	88.5	85.0	16128	11290	32256
6000	3600	6600	8012	3585	80.0	443	2704	F	96.2	96.1	95.5	91.9	91.6	89.0	8788	5273	18895
6000	1800	6600	8012	1791	90.0	446	2858	G	96.5	96.7	96.4	90.9	91.2	89.4	17591	12489	40459
7000	3600	6600	8012	3586	94.0	515	3236	F	96.5	96.4	95.9	91.9	91.5	88.7	10252	6356	22554
7000	1800	6600	8012	1790	93.0	524	3400	G	96.7	97.0	96.9	90.0	90.0	88.0	20533	12320	41066

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WPI ENCLOSURE

60 Hertz - 460 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
200	3600	460	508	3570	59.0	222	1440	G	94.7	95.1	95.0	89.1	87.2	81.4	295	236	635
200	1800	460	508	1780	81.0	233	1510	G	94.5	94.7	94.2	85.0	81.7	73.4	590	445	1425
200	1200	460	508	1180	75.0	237	1540	G	93.8	94.5	94.6	84.3	81.9	74.5	890	850	1780
200	900	460	508	884	92.0	251	1189	F	93.3	94.2	94.5	80.0	76.6	67.5	1189	1097	2219
250	3600	460	508	3565	67.0	277	1700	G	94.5	95.0	95.0	89.4	88.1	83.3	369	260	740
250	1800	460	508	1780	93.0	288	1870	G	95.0	95.3	95.1	85.6	82.8	75.2	738	555	1750
250	1200	460	508	1180	102	299	1940	G	94.0	94.6	94.7	83.3	80.4	72.3	1113	1110	2225
250	900	460	508	883	103	309	1431	F	93.4	94.4	94.8	81.2	78.6	70.5	1487	1358	2662
300	3600	460	508	3570	70.0	325	2110	G	95.1	95.7	95.9	90.9	89.8	85.8	442	355	995
300	1800	460	508	1775	108	351	2250	G	94.7	95.1	94.9	84.5	82.4	75.4	888	650	1850
300	1200	460	508	1180	104	349	2265	G	94.3	95.0	95.2	85.3	83.3	76.6	1335	1335	2670
300	900	460	508	886	148	374	2128	G	94.1	94.7	94.9	79.8	75.6	65.4	1778	2132	3978
350	3600	460	508	3565	80.5	382	2400	G	94.8	95.4	95.7	90.5	89.6	85.7	516	362	1085
350	1800	460	508	1780	156	417	2710	G	95.0	95.3	95.0	82.7	79.0	69.7	1033	878	2420
350	1200	460	508	1180	113	404	2625	G	94.4	95.3	95.5	85.9	84.2	78.0	1558	1710	3115
350	900	460	508	886	172	436	2490	G	94.1	94.8	95.0	79.8	75.6	65.6	2074	2545	4664
400	3600	460	508	3570	82.0	429	2785	G	95.3	95.9	96.2	91.6	90.9	87.7	589	470	1310
400	1800	460	508	1780	207	497	3110	G	94.7	95.1	94.9	79.6	75.2	64.9	1181	945	2620
400	1200	460	508	1180	140	471	2875	G	94.0	94.8	95.2	84.6	82.7	75.8	1780	1690	3470
400	900	460	5010	885	180	490	2772	G	94.3	95.0	95.3	81.1	77.5	68.3	2372	2874	5183
450	3600	460	508	3565	92.5	484	3146	G	95.1	95.7	96.1	91.5	90.8	87.6	663	500	1390
450	1800	460	508	1775	131	510	3300	G	94.9	95.5	95.6	87.0	85.7	80.3	1331	1065	2795
450	1200	460	5010	1180	132	512	3328	G	94.7	95.5	95.9	86.9	85.5	80.2	2003	2300	4085
450	900	460	5010	887	210	552	3405	G	94.4	95.1	95.3	80.9	76.9	67.1	2666	3508	6212
500	3600	460	508	3565	81.0	533	3305	G	95.0	95.8	96.3	92.5	92.5	90.5	737	555	1475
500	1800	460	508	1780	178	572	3715	G	95.3	95.7	95.6	85.9	83.4	76.2	1476	1325	3485
500	1200	460	5010	1180	169	580	3770	G	94.2	94.7	94.8	85.7	83.7	77.2	2225	2780	4520
500	900	460	588	890	211	611	3950	G	94.6	95.0	95.3	81.0	78.3	70.1	2950	2655	6260
600	3600	460	508	3565	111	645	4135	G	94.8	95.6	96.1	91.9	91.6	89.0	884	710	1835
600	1800	460	508	1780	209	698	4200	G	95.0	95.3	95.1	84.7	82.6	76.0	1770	1415	3685
600	1200	460	5010	1180	209	703	4565	G	94.1	94.7	94.6	85.0	83.0	76.3	2670	3330	5340
600	900	460	588	885	255	737	4740	G	94.1	94.5	94.2	81.0	78.3	70.3	3560	3560	7940
700	3600	460	508	3565	126	746	4845	G	95.3	96.0	96.5	92.2	91.9	89.4	1031	825	2215
700	1800	460	5010	1775	207	800	4800	G	94.8	95.3	95.3	86.4	85.3	80.2	2071	1550	4040
700	1200	460	588	1180	229	832	5240	G	94.2	94.8	94.8	83.6	82.0	76.0	3115	3900	6250
700	900	460	5810	890	281	841	5300	G	94.5	94.8	94.5	82.5	79.9	72.1	4130	4700	9950
800	3600	460	5010	3560	266	913	5480	G	95.4	95.7	95.6	86.0	83.9	77.3	1180	770	2410
800	1800	460	5010	1775	251	924	5545	G	95.0	95.5	95.5	85.3	83.9	78.2	2367	1890	4735
800	1200	460	588	1180	247	918	5780	G	94.6	95.0	94.9	86.3	84.8	79.2	3560	3800	7990
800	900	460	5810	890	326	971	6115	G	94.3	94.7	94.4	81.8	79.3	71.5	4720	4720	10950

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WPI ENCLOSURE 60 Hertz - 2300 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
200	3600	2300	508	3570	12.0	45.0	292	G	93.6	93.4	92.4	88.9	87.1	81.8	295	235	665
200	1800	2300	508	1780	17.3	47.0	305	G	93.4	93.5	92.7	85.3	82.1	74.0	590	475	1450
200	1200	2300	508	1180	16.5	47.5	308	G	92.8	93.3	93.0	85.0	82.1	74.1	890	980	1850
200	900	2300	508	883	21.9	52.0	256	G	92.5	93.1	92.9	77.9	73.2	62.6	1190	1339	2499
250	3600	2300	508	3570	17.5	57.5	373	G	93.8	93.5	92.4	86.8	84.3	77.4	368	310	860
250	1800	2300	508	1780	26.0	61.5	381	G	93.3	93.4	92.6	81.6	77.3	67.4	738	555	1700
250	1200	2300	508	1180	19.0	59.0	380	G	93.1	93.6	93.5	85.2	82.8	75.5	1113	1200	2235
250	900	2300	508	884	27.4	64.4	338	G	93.0	93.5	93.3	78.1	73.3	62.5	1485	1809	3319
300	3600	2300	508	3565	21.0	68.5	435	G	93.8	93.8	93.0	87.4	85.3	79.1	442	350	925
300	1800	2300	508	1780	26.0	72.0	460	G	93.6	93.9	93.3	83.4	80.0	71.5	885	710	2040
300	1200	2300	508	1180	21.0	70.0	450	G	93.5	94.1	94.0	85.9	84.7	78.0	1335	1470	2760
300	900	2300	508	884	30.3	75.5	411	G	93.4	94.0	94.0	79.7	75.3	65.0	1782	2304	4023
350	3600	2300	508	3560	23.5	82.0	460	G	93.2	93.2	92.3	85.8	84.0	77.9	516	365	1005
350	1800	2300	508	1780	27.7	81.5	529	G	94.1	94.3	93.8	85.5	82.5	74.7	1033	880	2460
350	1200	2300	508	1180	22.5	80.5	520	G	93.6	94.3	94.5	87.0	85.6	79.9	1558	1715	3120
350	900	2300	5010	885	36.8	88.1	516	G	93.8	94.3	94.3	79.4	74.5	63.8	2076	2975	5065
400	3600	2300	508	3565	25.0	90.5	565	G	94.0	94.0	93.2	88.0	86.1	80.3	590	470	1300
400	1800	2300	508	1780	28.0	93.5	600	G	94.0	94.5	94.3	85.2	83.2	76.8	1180	825	2360
400	1200	2300	508	1180	26.0	92.0	597	G	93.8	94.5	94.6	86.8	85.2	79.3	1780	1960	3600
400	900	2300	5010	886	44.8	102	640	H	93.7	94.1	93.9	78.6	73.2	61.9	2370	3775	6300
450	3600	2300	508	3565	31.0	104	643	G	94.0	93.9	93.9	86.6	84.3	77.7	663	530	1415
450	1800	2300	508	1780	29.5	104	668	G	94.3	94.7	94.6	85.9	84.1	76.8	1328	1000	2660
450	1200	2300	5010	1180	28.5	103	669	G	93.9	94.6	94.7	87.1	85.4	79.6	2003	2200	4120
450	900	2300	588	890	42.0	112	705	G	93.9	94.2	93.9	80.1	76.6	67.5	2655	2655	6350
500	3600	2300	508	3560	31.0	115	652	G	94.0	94.1	93.4	86.6	85.0	79.4	738	515	1440
500	1800	2300	508	1780	34.0	118	740	G	94.1	94.6	94.5	84.3	82.5	76.1	1475	1105	2950
500	1200	2300	5010	1180	29.5	113	733	G	94.2	94.9	95.2	88.0	86.7	81.6	2225	2450	4500
500	900	2300	588	890	46.0	123	790	G	94.0	94.3	94.0	81.0	77.5	68.4	2950	3380	7000
600	3600	2300	508	3560	35.0	136	791	G	94.5	94.7	94.1	87.7	86.3	81.1	885	660	1770
600	1800	2300	508	1780	42.5	141	900	G	94.4	94.9	94.8	84.4	82.2	75.4	1770	1415	3545
600	1200	2300	5010	1180	33.0	136	883	G	94.1	94.9	95.3	87.8	87.0	82.5	2670	3000	5340
600	900	2300	5810	890	57.0	149	945	G	94.2	94.5	94.0	80.0	76.3	67.0	3540	4050	8400
700	3600	2300	508	3555	38.0	160	835	F	94.2	94.5	94.0	87.0	86.1	81.7	1034	695	1860
700	1800	2300	5010	1780	48.0	162	1045	G	94.7	95.1	95.0	85.4	83.4	76.8	2065	1850	4585
700	1200	2300	588	1180	42.0	160	1016	G	94.5	95.1	95.2	86.7	85.3	79.7	3115	3115	6250
700	900	2300	5810	890	65.0	173	1100	G	94.3	94.6	94.2	80.3	76.8	67.7	4130	4940	9800
800	3600	2300	508	3560	42.0	179	1021	G	94.6	94.9	94.5	88.5	87.6	83.2	1180	885	2240
800	1800	2300	5010	1780	50.0	182	1180	G	94.9	95.3	95.2	86.7	84.9	79.1	2360	2125	5190
800	1200	2300	588	1180	49.0	184	1160	G	94.4	94.9	94.8	86.2	84.8	79.3	3560	3560	7150
800	900	2300	5810	885	65.0	196	1250	G	94.2	94.6	94.5	81.2	78.9	71.3	4746	4746	10030
900	3600	2300	5010	3555	40.0	199	1095	F	94.8	95.2	95.0	89.3	89.0	86.0	1330	945	2460
900	1800	2300	5010	1780	59.0	199	1235	G	94.9	95.3	95.3	85.5	83.5	77.1	2655	2390	5365
900	1200	2300	5810	1185	58.0	206	1329	G	94.7	95.1	95.0	86.4	84.6	78.5	3988	3988	8000
900	900	2300	5812	890	79.0	220	1400	G	94.4	94.6	94.0	81.1	78.0	69.6	5309	6355	11700

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WPI ENCLOSURE 60 Hertz – 2300 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
1000	3600	2300	5010	3555	45.0	221	1292	G	94.8	95.2	95.1	89.4	88.9	85.5	1447	1180	2805
1000	1800	2300	5810	1780	44.0	216	1400	G	95.3	95.6	95.5	91.0	90.3	86.9	2950	2655	6500
1000	1200	2300	5810	1185	64.0	228	1480	G	94.9	95.3	95.2	86.5	84.7	78.7	4431	4431	8900
1000	900	2300	5812	890	83.0	243	1555	G	94.5	94.7	94.2	81.5	78.8	70.9	5900	7080	12770
1250	3600	2300	5010	3570	58.0	273	1774	G	94.9	95.2	94.9	89.7	88.6	84.3	1839	2200	3850
1250	1800	2300	5810	1780	53.0	270	1750	G	95.3	95.7	95.6	91.0	90.4	87.3	3688	3320	7800
1250	1200	2300	5812	1185	69.0	282	1805	G	95.2	95.7	95.8	87.2	86.2	81.4	5538	5538	11100
1250	900	2300	6811	892	85.0	287	1779	G	95.3	95.7	95.6	85.5	83.5	76.9	7360	5152	14720
1500	3600	2300	5810	3570	54.0	315	2045	G	95.9	96.3	96.3	92.3	92.8	90.4	2207	1663	4675
1500	1800	2300	5810	1785	70.0	328	2100	G	95.6	95.9	95.7	89.6	89.0	85.4	4412	3530	9025
1500	1200	2300	5812	1185	87.0	339	2175	G	95.3	95.7	95.7	87.0	85.7	80.4	6646	6646	13300
1500	900	2300	6811	892	96.1	342	2120	G	95.4	95.8	95.8	86.0	84.3	78.3	8832	6182	17664
1750	3600	2300	5810	3570	62.0	369	2395	G	95.9	96.3	96.4	92.6	92.5	90.4	2474	1855	5180
1750	1800	2300	5812	1785	76.0	378	2450	G	95.8	96.1	96.0	90.5	90.3	87.6	5148	4120	10960
1750	1200	2300	6811	1190	85.5	386	2509	G	95.6	96.0	95.9	88.7	88.1	84.2	7724	5407	15448
1750	900	2300	6813	893	114	398	2587	G	95.6	96.0	95.9	86.2	84.3	78.0	10292	7719	21613
2000	3600	2300	5810	3575	84.0	430	2790	G	95.9	96.2	96.1	90.8	90.3	87.2	2938	1765	6777
2000	1800	2300	5812	1785	91.0	436	2830	G	95.8	96.1	96.0	89.7	89.2	85.6	5882	5000	12960
2000	1200	2300	6813	1190	92.7	439	2854	G	95.7	96.0	96.0	89.2	88.7	85.1	8827	6179	17654
2000	900	2300	6813	892	122	452	2893	G	95.7	96.1	96.1	86.6	85.1	79.5	11776	8243	23552
2250	3600	2300	5812	3575	82.0	477	3100	G	96.1	96.5	96.5	91.9	91.7	89.3	3305	2230	7940
2250	1800	2300	6811	1788	110	495	3218	G	96.0	96.2	96.0	88.7	88.0	83.1	6609	3965	13879
2250	1200	2300	6813	1190	101	492	3198	G	95.7	96.0	96.0	89.5	89.1	85.7	9930	6951	20853
2500	3600	2300	5812	3575	80.0	527	3290	G	96.2	96.6	96.7	92.3	92.4	90.6	3672	2472	8675
2500	1800	2300	6811	1788	112	544	3536	G	96.3	96.5	96.2	89.3	88.9	85.8	7343	4406	15420
2500	1200	2300	6813	1190	110	545	3543	G	96.0	96.4	96.3	89.5	89.2	86.0	11034	7724	23171
3000	3600	2300	6811	3581	142	600	3906	G	96.1	96.2	95.7	89.8	89.0	85.2	4400	2640	8800
3000	1800	2300	6813	1787	114	650	4030	G	96.3	96.5	96.4	89.7	90.0	87.8	8817	5290	17634
3500	3600	2300	6813	3581	159	751	4806	G	96.3	96.3	95.9	90.6	89.8	86.1	5133	3080	10779
3500	1800	2300	6813	1788	144	758	4927	G	96.5	96.7	96.6	89.6	89.6	86.8	10281	6169	21590
4000	3600	2300	6813	3582	203	865	5624	G	96.4	96.5	96.1	89.8	88.6	84.1	5865	3812	12903
4000	1800	2300	6813	1788	172	869	5649	G	96.5	96.7	96.6	89.3	89.1	86.1	11749	8224	25848
4500	3600	2300	6813	3580	191	964	5976	G	96.5	96.6	96.3	90.6	90.2	87.0	6602	4291	13204
5000	3600	2300	6813	3580	231	1082	5994	F	96.4	96.6	96.3	89.7	89.0	85.3	7335	4401	14670



## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WPI ENCLOSURE 60 Hertz - 4000 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
200	3600	4000	508	3570	7.0	26.0	169	G	93.6	93.4	92.4	88.5	86.7	81.4	295	235	665
200	1800	4000	508	1780	10.0	27.0	175	G	93.4	93.5	92.7	85.4	82.2	74.1	590	475	1450
200	1200	4000	508	1180	9.5	27.5	178	G	92.8	93.3	93.0	84.4	81.5	73.5	890	980	1850
200	900	4000	508	885	34.7	29.7	158	G	92.8	93.3	93.1	78.2	73.2	62.2	1187	1431	2648
250	3600	4000	508	3570	10.0	33.0	214	G	93.8	93.5	92.4	87.0	84.5	77.6	368	310	860
250	1800	4000	508	1780	15.0	35.5	220	G	93.3	93.4	92.6	81.3	77.0	67.1	738	555	1700
250	1200	4000	508	1180	11.0	34.0	220	G	93.1	93.6	93.5	85.0	82.6	75.3	1113	1200	2235
250	900	4000	508	886	16.2	36.9	212	G	93.1	93.6	93.4	78.3	73.0	61.8	1482	2013	3577
300	3600	4000	508	3565	12.0	39.5	250	G	93.8	93.8	93.0	87.2	85.1	78.9	442	350	925
300	1800	4000	508	1780	15.0	41.5	265	G	93.6	93.9	93.3	83.2	79.8	71.3	885	710	2040
300	1200	4000	508	1180	12.0	40.0	260	G	93.5	94.1	94.0	86.4	84.2	77.5	1335	1470	2760
300	900	4000	5010	886	19.5	44.1	265	G	93.5	93.9	93.7	78.4	93.0	61.7	1778	2569	4498
350	3600	4000	508	3560	13.5	47.0	265	G	93.2	93.2	92.3	86.0	84.2	78.1	516	365	1005
350	1800	4000	508	1780	16.0	47.0	305	G	94.1	94.3	93.8	85.2	82.2	74.4	1033	880	2460
350	1200	4000	508	1180	13.0	46.5	300	G	93.6	94.3	94.5	86.6	85.2	79.5	1558	1715	3120
350	900	4000	5010	885	21.3	50.9	294	G	93.4	93.9	93.8	79.3	74.4	63.7	2076	2895	4982
400	3600	4000	508	3565	14.5	52.0	325	G	94.0	94.0	93.2	88.1	86.2	80.4	590	470	1300
400	1800	4000	508	1780	16.0	54.0	345	G	94.0	94.5	94.3	84.9	82.9	76.5	1180	825	2360
400	1200	4000	508	1180	15.0	53.0	344	G	93.8	94.5	94.6	86.7	85.1	79.2	1780	1960	3600
400	900	4000	5010	890	26.4	59.1	345	G	94.0	94.4	94.1	77.5	74.1	60.8	2360	3134	5179
450	3600	4000	508	3565	18.0	59.5	370	G	94.0	93.9	93.0	86.6	84.3	77.7	663	530	1415
450	1800	4000	508	1780	17.0	60.0	384	G	94.3	94.7	94.6	85.7	83.9	76.6	1328	1000	2660
450	1200	4000	5010	1180	16.5	59.5	386	G	93.9	94.6	94.7	86.8	85.1	79.3	2003	2200	4120
450	900	4000	588	890	25.0	65.0	409	G	93.7	94.1	93.7	79.5	76.0	66.7	2655	2655	6350
500	3600	4000	508	3560	18.0	66.0	375	G	94.0	94.1	93.4	86.8	85.2	79.6	738	515	1440
500	1800	4000	508	1780	19.5	68.0	425	G	94.1	94.6	94.5	84.1	82.3	75.9	1475	1105	2950
500	1200	4000	5010	1180	17.0	65.0	422	G	94.2	94.9	95.2	88.0	86.7	81.6	2225	2450	4500
500	900	4000	588	890	27.0	71.0	454	G	93.8	94.2	93.8	80.8	77.1	67.9	2950	3380	7000
600	3600	4000	508	3560	20.0	78.0	455	G	94.5	94.7	94.1	87.6	86.2	81.0	885	660	1770
600	1800	4000	508	1780	24.5	81.0	517	G	94.4	94.9	94.8	84.5	82.3	75.5	1770	1415	3545
600	1200	4000	5010	1180	19.0	78.5	510	G	94.1	94.9	95.3	87.5	86.7	82.2	2670	3000	5340
600	900	4000	5810	890	33.0	86.0	545	G	94.1	94.3	93.9	79.8	76.0	66.6	3540	4050	8400
700	3600	4000	508	3555	22.0	92.0	480	F	94.2	94.5	94.0	87.0	86.1	81.7	1034	695	1860
700	1800	4000	5010	1780	28.0	93.0	600	G	94.7	95.1	95.0	85.6	83.4	76.5	2065	1850	4585
700	1200	4000	588	1185	25.0	92.0	595	G	94.3	94.7	94.6	86.9	85.3	79.7	3102	3102	7065
700	900	4000	5810	890	38.0	100	606	G	94.2	94.4	94.0	80.0	76.4	67.2	4130	4940	9800
800	3600	4000	508	3560	24.0	103	587	G	94.6	94.9	94.5	88.4	87.5	83.1	1180	885	2240
800	1800	4000	5010	1780	29.0	105	680	G	94.9	95.3	95.2	86.5	84.7	78.9	2360	2125	5190
800	1200	4000	5810	1180	24.0	105	680	G	94.2	94.9	95.0	87.2	86.5	82.3	3560	3560	7200
800	900	4000	5810	890	40.0	112	715	G	94.3	94.5	94.1	81.5	78.5	70.3	4720	5650	10400
900	3600	4000	5010	3555	23.0	114	630	F	94.8	95.2	95.0	89.3	89.0	86.0	1330	945	2460
900	1800	4000	5010	1780	34.0	115	713	G	94.9	95.3	95.3	85.4	83.4	77.0	2655	2390	5365
900	1200	4000	5810	1185	33.5	119	850	H	94.6	95.0	94.9	86.0	84.2	78.0	3988	3988	8000
900	900	4000	5812	890	46.0	127	815	G	94.2	94.4	93.9	81.0	77.9	69.3	5309	6355	11700

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WPI ENCLOSURE 60 Hertz - 4000 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
1000	3600	4000	5010	3555	26.0	127	740	G	94.8	95.2	95.1	89.4	88.9	85.5	1477	1180	2805
1000	1800	4000	5810	1780	26.0	125	810	G	95.1	95.5	95.3	90.6	89.9	86.3	2950	2800	7335
1000	1200	4000	5810	1185	35.0	131	850	G	94.6	95.2	95.2	86.9	85.5	80.0	4431	4431	8900
1000	900	4000	5812	890	50.0	140	905	G	94.4	94.6	94.1	81.4	78.7	70.7	5900	7080	12770
1250	3600	4000	5010	3570	34.0	157	1020	G	95.7	96.0	96.0	89.6	88.9	85.1	1839	2200	3850
1250	1800	4000	5810	1780	31.0	156	1010	G	95.1	95.5	95.5	90.7	90.2	86.9	3688	3500	8800
1250	1200	4000	5812	1185	40.0	163	1045	G	94.9	95.5	95.6	87.0	85.9	81.0	5538	5538	11100
1250	900	4000	6811	892	50.6	166	1029	G	95.1	95.5	95.4	85.2	83.1	76.2	7360	5152	14720
1500	3600	4000	5810	3570	32.0	181	1170	G	95.8	96.1	96.2	93.1	92.8	90.4	2206	1690	4720
1500	1800	4000	5810	1785	36.0	188	1210	G	95.3	95.7	95.6	90.1	89.9	87.1	4412	3530	10200
1500	1200	4000	5812	1185	51.0	196	1260	G	94.9	95.4	95.5	86.8	85.4	80.0	6646	6646	13300
1500	900	4000	6811	892	55.8	197	1221	G	95.1	95.6	95.6	86.1	84.3	78.2	8832	6182	17664
1750	3600	4000	5810	3570	44.0	215	1395	G	95.6	96.1	96.2	91.7	90.9	87.3	2574	2120	5740
1750	1800	4000	5812	1785	42.0	219	1400	G	95.5	95.9	95.9	90.1	89.9	86.9	5148	4120	11560
1750	1200	4000	6811	1190	48.3	222	1421	G	95.4	95.8	95.8	88.8	88.3	84.5	7724	5407	15448
1750	900	4000	6813	892	62.2	228	1436	G	95.3	95.8	95.8	86.6	85.1	79.3	10304	7213	20608
2000	3600	4000	5810	3575	50.0	248	1610	G	95.7	96.0	95.9	90.7	90.1	86.9	2938	1800	6795
2000	1800	4000	5812	1785	58.0	252	1630	G	95.5	95.9	95.8	89.5	88.6	84.4	5884	5000	14220
2000	1200	4000	6813	1190	54.0	253	1645	G	95.4	95.8	95.8	89.1	88.6	85.0	8827	6179	18537
2000	900	4000	6813	892	70.9	263	1683	G	95.4	95.9	95.9	86.6	85.1	79.3	11776	8243	23552
2250	3600	4000	5812	3575	48.0	272	1765	G	95.9	96.3	96.4	92.9	92.6	90.2	3305	2285	7100
2250	1800	4000	6811	1788	56.9	284	1789	G	95.8	96.1	96.0	89.1	89.0	85.8	6609	3965	13879
2250	1200	4000	6813	1191	62.5	284	1846	G	95.6	96.0	95.9	89.2	88.5	84.6	9922	7938	20836
2250	900	4000	8010	894	86.6	296	1796	G	95.7	96.0	95.8	85.6	83.7	77.3	13241	9910	27749
2500	3600	4000	5812	3575	47.0	303	1965	G	96.1	96.5	96.5	92.5	92.5	90.7	3672	2480	8585
2500	1800	4000	6811	1788	63.2	314	1978	F	96.2	96.4	96.2	89.1	88.9	85.8	7343	4406	15420
2500	1200	4000	6813	1190	66.0	315	2048	G	95.8	96.2	96.2	89.2	88.8	85.3	11034	7724	22068
2500	900	4000	8010	894	89.4	326	1903	F	96.1	96.3	96.1	85.8	84.4	78.8	14687	11015	29374
3000	3600	4000	6811	3581	87.5	376	2258	G	96.1	96.2	95.7	89.3	88.3	83.9	4400	2540	8800
3000	1800	4000	6813	1787	68.4	375	2325	G	96.2	96.5	96.4	89.5	89.7	87.2	8817	5290	17634
3000	1200	4000	8010	1192	93.0	392	2140	E	96.3	96.4	96.1	85.5	83.5	77.2	13210	8980	27741
3000	900	4000	8010	894	112	393	2349	F	96.1	96.4	96.2	85.5	83.9	77.8	17621	13744	37004
3500	3600	4000	6813	3581	92.2	432	2678	G	96.3	96.3	95.9	90.5	89.6	85.9	5132	3079	10777
3500	1800	4000	6813	1788	84.1	437	2841	G	96.3	96.6	96.5	89.6	89.5	86.6	10281	6169	22618
3500	1200	4000	8010	1192	127	456	2445	E	96.4	96.6	96.3	85.7	84.2	78.3	15414	10482	31600
3500	900	4000	8012	894	131	458	2761	F	96.2	96.4	96.3	85.5	83.8	77.7	20558	16446	43171
4000	3600	4000	6813	3582	118	498	3237	G	96.4	96.4	96.1	89.8	88.5	84.0	5865	3812	12903
4000	1800	4000	6813	1788	106	502	3263	G	96.4	96.7	96.5	89.0	88.5	85.0	11749	8224	25848
4000	1200	4000	8012	1193	142	517	2885	F	96.4	96.6	96.4	86.3	84.8	79.0	17613	12329	36987
4000	900	4000	8012	894	137	518	3136	F	96.2	96.5	96.4	86.3	85.1	80.7	23495	18796	46991
4500	3600	4000	6813	3580	112	555	3441	G	96.4	96.5	96.3	90.6	90.1	86.8	6602	4291	13204
4500	1800	4000	8010	1791	130	570	3501	F	96.2	96.3	95.8	88.3	87.6	83.6	13193	7916	29024
4500	1200	4000	8012	1192	152	579	3185	E	96.5	96.7	96.6	86.6	85.3	80.0	19818	13872	40626
5000	3600	4000	6813	3580	136	622	3566	F	96.4	96.5	96.3	89.8	89.0	84.1	7334	4767	15401
5000	1800	4000	8010	1791	116	622	3817	F	96.3	96.4	96.2	89.8	89.8	87.2	14622	9090	31523
5000	1200	4000	8012	1193	183	645	3871	G	96.6	96.7	96.5	86.4	84.6	78.4	22009	18046	49077

**Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706**

**WPI ENCLOSURE**  
**60 Hertz - 4000 Volt**

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
5500	3600	4000	8010	3585	201	701	4556	G	96.2	96.1	95.4	84.0	86.0	79.0	8053	3221	17327
5500	1800	4000	8010	1791	154	693	4505	G	96.4	96.6	96.2	88.6	87.8	83.8	16128	12400	32256
6000	3600	4000	8012	3586	186	751	4591	F	96.3	96.2	95.5	89.3	87.9	38.3	8787	5272	19331
6000	1800	4000	8010	1790	154	757	4920	G	96.4	96.6	96.4	88.5	88.3	85.0	17604	12322	35208
7000	3600	4000	8012	3585	157	853	5253	F	96.4	96.4	95.9	91.7	91.3	88.5	10254	6408	22558
7000	1800	4000	8012	1791	142	859	5557	F	96.7	96.9	96.7	89.9	90.7	89.0	20538	14368	41076
8000	3600	4000	8012	3586	167	974	6180	F	96.6	96.6	96.2	91.6	91.1	88.1	11717	7616	26363
8000	1800	4000	8012	1790	173	953	6195	F	97.0	97.2	97.2	89.7	89.7	87.0	23473	14370	45700
9000	3600	4000	8012	3585	184	1090	6673	F	96.5	96.4	96.0	92.1	91.9	89.7	13184	8570	28345

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WPI ENCLOSURE 60 Hertz - 6600 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
300	1800	6600	508	1780	8.0	24.5	166	H	93.6	93.8	93.3	85.4	82.8	75.6	885	750	2100
350	1800	6600	508	1780	9.5	29.0	188	G	93.4	93.8	93.5	84.3	81.5	73.7	1033	830	2345
350	1200	6600	588	1185	8.0	28.0	180	G	93.0	93.6	93.4	87.7	85.9	80.2	1551	1551	3475
350	900	6600	588	890	12.0	31.0	190	G	93.0	93.3	92.7	79.2	75.3	65.8	2065	2065	4790
400	3600	6600	508	3565	9.0	32.0	192	G	93.6	93.7	92.9	87.2	85.2	79.1	590	472	1270
400	1800	6600	508	1780	10.0	32.5	210	G	93.9	94.3	94.0	85.5	83.1	76.1	1180	945	2635
400	1200	6600	588	1185	9.0	32.0	205	G	93.0	93.6	93.5	87.7	85.7	79.7	1773	1773	4040
400	900	6600	588	890	15.0	35.5	220	G	92.8	93.1	92.5	79.2	74.9	64.9	2360	2360	5495
450	3600	6600	508	3565	11.0	36.0	216	G	93.4	93.5	92.8	87.3	85.2	78.7	663	500	1360
450	1800	6600	5010	1780	10.5	36.0	233	G	93.9	94.4	94.2	86.9	85.1	79.1	1328	1130	2945
450	1200	6600	588	1185	10.0	36.0	230	G	93.0	93.8	94.0	87.7	86.2	80.8	1994	1994	4250
450	900	6600	588	890	18.0	40.0	260	H	93.2	93.4	92.7	78.7	73.9	63.2	2655	3100	6300
500	3600	6600	508	3565	11.0	39.5	250	G	93.8	94.0	93.3	88.1	86.1	80.2	737	625	1620
500	1800	6600	5010	1780	11.5	40.0	260	G	94.3	94.7	94.5	86.5	84.6	78.5	1475	1250	3355
500	1200	6600	588	1185	10.5	40.0	255	G	93.3	94.0	94.2	87.4	85.9	80.5	2216	2216	4870
500	900	6600	5810	890	16.0	42.5	275	G	93.8	94.2	94.0	81.8	78.6	70.0	2950	3245	6875
600	3600	6600	5010	3565	11.0	46.0	298	G	94.4	94.7	94.3	90.1	88.8	84.1	884	795	1945
600	1800	6600	5010	1780	13.5	48.0	310	G	94.4	94.8	94.7	86.4	84.5	78.5	1770	1500	3900
600	1200	6600	5810	1185	12.5	48.0	310	G	93.7	94.4	94.5	87.0	85.5	80.2	2659	2659	6080
600	900	6600	5810	890	21.0	52.0	330	G	93.9	94.0	93.3	80.1	76.0	66.1	3540	4600	8530
700	3600	6600	5010	3560	13.0	54.5	330	G	94.4	94.7	94.3	88.8	87.6	83.1	1033	850	2090
700	1800	6600	5010	1780	16.0	56.0	364	G	94.4	94.8	94.7	86.4	84.4	78.0	2065	1850	4700
700	1200	6600	5810	1185	14.0	56.0	360	G	93.8	94.5	94.8	87.0	85.8	81.0	3102	3102	6890
700	900	6600	5812	890	25.0	61.0	385	G	93.9	94.0	93.3	79.7	75.6	65.7	4130	5450	9940
800	3600	6600	5010	3565	13.5	61.0	390	G	94.7	95.1	94.9	90.4	89.5	85.5	1179	1060	2535
800	1800	6600	588	1780	16.0	63.0	405	G	94.0	94.5	94.4	88.1	86.6	81.4	2360	1860	5100
800	1200	6600	5812	1185	16.0	63.0	405	G	94.5	95.2	95.4	87.7	86.4	81.4	3545	3545	7775
800	900	6600	5812	890	27.0	69.0	440	G	94.0	94.1	93.5	80.4	76.5	67.1	4720	6100	11000
900	3600	6600	5010	3565	17.0	70.0	434	G	94.7	95.0	94.6	88.6	87.4	82.6	1326	1127	2758
900	1800	6600	5810	1780	11.5	67.5	435	G	94.6	95.2	95.3	92.0	91.9	89.7	2657	2260	6050
900	1200	6600	5812	1185	17.0	71.0	455	G	94.4	95.1	95.4	87.7	86.7	82.0	3988	3988	8430
900	900	6600	6811	892	22.8	72.6	457	G	94.6	95.0	94.9	85.5	83.1	75.8	5297	3708	10859
1000	3600	6600	5010	3560	17.0	77.5	465	G	94.5	95.0	94.8	89.1	88.5	84.7	1475	1180	2805
1000	1800	6600	5810	1785	16.0	77.0	500	G	95.1	95.5	95.4	89.1	88.4	84.8	2942	2060	6480
1000	1200	6600	5812	1185	19.0	79.0	505	G	94.5	95.2	95.5	87.4	86.5	82.0	4431	4431	9420
1000	900	6600	6811	893	25.8	80.5	523	G	94.7	95.1	95.0	85.6	82.9	75.4	5879	4703	12640
1250	3600	6600	5810	3570	20.0	93.0	604	G	95.1	95.5	95.4	92.2	91.4	87.8	1839	1555	4165
1250	1800	6600	5810	1785	21.0	96.0	620	G	95.2	95.6	95.6	89.2	88.5	84.8	3678	2600	8050
1250	1200	6600	6811	1191	23.1	96.9	630	G	94.9	95.3	95.2	88.7	87.7	83.1	5510	3857	11571
1250	900	6600	6811	892	29.3	99.6	637	G	94.8	95.3	95.3	86.4	84.2	77.7	7387	5518	15082
1500	3600	6600	5810	3570	18.0	111	720	G	95.3	95.8	95.9	92.5	92.5	90.5	2206	1815	4645
1500	1800	6600	5812	1785	18.0	112	725	G	95.4	95.9	96.1	91.6	91.7	89.7	4414	3840	10412
1500	1200	6600	6811	1190	25.5	115	749	G	95.1	95.5	95.5	89.3	88.6	84.6	6618	4963	13897
1500	900	6600	6813	892	33.0	119	771	G	94.8	95.3	95.4	87.1	85.3	79.3	8828	7504	18098

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WPI ENCLOSURE 60 Hertz – 6600 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
1750	3600	6600	5810	3575	24.0	130	845	G	95.4	95.8	95.6	92.1	91.7	89.1	2570	1915	6700
1750	1800	6600	5812	1785	21.0	130	840	G	95.3	95.9	96.1	92.2	92.3	90.5	5150	4380	11980
1750	1200	6600	6813	1190	26.4	134	832	G	95.1	95.6	95.7	89.5	89.4	86.3	7721	5404	14669
1750	900	6600	6813	892	39.9	138	900	G	94.9	95.4	95.4	86.9	84.9	78.5	10300	8755	21630
2000	3600	6600	5812	3575	23.0	148	960	G	95.7	96.1	96.1	92.2	92.3	90.6	2938	2010	6780
2000	1800	6600	6811	1787	29.6	153	946	G	95.5	95.9	95.8	89.6	89.5	86.5	5876	3525	12045
2000	1200	6600	6813	1190	31.1	153	995	G	95.2	95.7	95.7	89.6	89.3	86.0	8824	6618	17647
2000	900	6600	8010	894	40.2	157	918	E	95.4	95.8	95.7	86.9	85.8	80.8	11750	8812	23498
2250	3600	6600	6811	3583	45.5	173	1124	G	95.2	95.2	94.5	89.2	87.4	81.9	3297	2143	7583
2250	1800	6600	6811	1788	36.2	171	1113	G	95.7	96.0	95.9	89.6	89.0	85.5	6607	3964	14865
2250	1200	6600	6813	1190	33.8	172	1101	F	95.3	95.8	95.7	89.6	89.4	86.4	9926	7445	19853
2250	900	6600	8010	894	50.0	178	1079	E	95.7	96.0	95.8	86.1	84.5	78.5	13212	9910	27745
2500	3600	6600	6811	3582	41.3	188	1187	G	95.6	95.6	95.0	90.6	89.7	85.7	3664	2382	8061
2500	1800	6600	6813	1788	34.6	188	1206	G	96.1	96.3	96.2	90.1	90.1	87.6	7341	4771	15415
2500	1200	6600	8010	1193	54.0	195	1122	F	96.3	96.5	96.3	86.8	85.1	79.2	11006	7924	23662
2500	900	6600	8012	894	51.0	197	1138	F	95.6	95.9	95.9	86.6	85.5	80.3	14685	10720	29370
3000	3600	6600	6813	3582	46.4	224	1454	G	96.0	96.0	95.4	91.2	90.4	86.7	4397	3078	9893
3000	1800	6600	6813	1787	40.3	226	1466	F	96.1	96.4	96.4	90.3	90.4	88.0	8814	5729	18509
3000	1200	6600	8012	1193	61.5	232	1314	F	96.4	96.6	96.5	87.3	95.9	80.4	13208	9906	28397
3000	900	6600	8012	894	65.7	236	1521	G	95.6	96.0	95.9	86.6	84.9	79.0	17612	15146	38746
3500	3600	6600	6813	3582	56.9	262	1703	F	96.0	96.1	95.7	90.8	89.9	85.9	5130	3591	11542
3500	1800	6600	6813	1787	46.3	264	1662	F	96.1	96.4	96.3	90.1	90.3	88.0	10283	6684	21593
3500	1200	6600	8012	1193	74.5	272	1611	F	96.6	96.8	96.6	87.0	85.3	79.5	15404	11553	33118
3500	900	6600	8012	894	69.0	274	1620	F	96.0	96.3	96.2	86.8	85.8	80.9	20560	16448	41120
4000	3600	6600	6813	3581	55.6	297	1813	F	96.1	96.2	96.0	91.4	91.0	88.2	5864	4105	12315
4000	1800	6600	8010	1792	66.7	304	1956	G	96.1	96.2	95.7	89.2	88.5	84.8	11724	7573	26965
4000	1200	6600	8012	1193	78.2	309	1785	F	96.6	96.8	96.0	87.5	86.3	81.3	17612	13209	37865
4500	3600	6600	8010	3587	94.0	345	2192	F	95.8	95.5	94.6	88.8	86.9	81.1	6588	3952	15152
4500	1800	6600	8010	1791	58.2	336	2116	F	96.2	96.3	96.0	90.6	90.8	88.5	13193	8575	30340
5000	3600	6600	8012	3586	86.0	377	2310	F	95.9	95.8	95.0	90.3	89.1	84.9	7322	4393	16108
5000	1800	6600	8010	1791	78.0	379	2464	G	96.5	96.7	96.5	89.1	89.0	86.0	14662	10263	29329
5500	3600	6600	8012	3587	102	416	2260	F	96.1	96.0	95.2	89.8	88.4	83.5	8053	4912	18522
5500	1800	6600	8010	1791	87.0	418	2717	G	96.5	96.8	96.6	89.0	88.5	85.0	16128	11290	32256
6000	3600	6600	8012	3585	80.0	443	2704	F	96.2	96.1	95.5	91.9	91.6	89.0	8788	5273	18895
6000	1800	6600	8012	1791	90.0	446	2858	G	96.5	96.7	96.4	90.9	91.2	89.4	17591	12489	40459
7000	3600	6600	8012	3586	94.0	515	3236	F	96.5	96.4	95.9	91.9	91.5	88.7	10252	6356	22554
7000	1800	6600	8012	1790	93.0	524	3400	G	96.7	97.0	96.9	90.0	90.0	88.0	20533	12320	41066

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WP11 ENCLOSURE 60 Hertz - 460 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
200	3600	460	508	3570	59.0	222	1440	G	94.7	95.1	95.0	89.1	87.2	81.4	295	236	635
200	1800	460	508	1780	81.0	233	1510	G	94.5	94.7	94.2	85.0	81.7	73.4	590	445	1425
200	1200	460	508	1180	75.0	237	1540	G	93.8	94.5	94.6	84.3	81.9	74.5	890	850	1780
200	900	460	508	884	92.0	251	1189	F	93.3	94.2	94.5	80.0	76.6	67.5	1189	1097	2219
250	3600	460	508	3565	67.0	277	1700	G	94.5	95.0	95.0	89.4	88.1	83.3	369	260	740
250	1800	460	508	1780	93.0	288	1870	G	95.0	95.3	95.1	85.6	82.8	75.2	738	555	1750
250	1200	460	508	1180	102	299	1940	G	94.0	94.6	94.7	83.3	80.4	72.3	1113	1110	2225
250	900	460	508	883	103	309	1431	F	93.4	94.4	94.8	81.2	78.6	70.5	1487	1358	2662
300	3600	460	508	3570	70.0	325	2110	G	95.1	95.7	95.9	90.9	89.8	85.8	442	355	995
300	1800	460	508	1775	108	351	2250	G	94.7	95.1	94.9	84.5	82.4	75.4	888	650	1850
300	1200	460	508	1180	104	349	2265	G	94.3	95.0	95.2	85.3	83.3	76.6	1335	1335	2670
300	900	460	508	886	148	374	2128	G	94.1	94.7	94.9	79.8	75.6	65.4	1778	2132	3978
350	3600	460	508	3565	80.5	382	2400	G	94.8	95.4	95.7	90.5	89.6	85.7	516	362	1085
350	1800	460	508	1780	156	417	2710	G	95.0	95.3	95.0	82.7	79.0	69.7	1033	878	2420
350	1200	460	508	1180	113	404	2625	G	94.4	95.3	95.5	85.9	84.2	78.0	1558	1710	3115
350	900	460	508	886	172	436	2490	G	94.1	94.8	95.0	79.8	75.6	65.6	2074	2545	4664
400	3600	460	508	3570	82.0	429	2785	G	95.3	95.9	96.2	91.6	90.9	87.7	589	470	1310
400	1800	460	508	1780	207	497	3110	G	94.7	95.1	94.9	79.6	75.2	64.9	1181	945	2620
400	1200	460	508	1180	140	471	2875	G	94.0	94.8	95.2	84.6	82.7	75.8	1780	1690	3470
400	900	460	5010	885	180	490	2772	G	94.3	95.0	95.3	81.1	77.5	68.3	2372	2874	5183
450	3600	460	508	3565	92.5	484	3146	G	95.1	95.7	96.1	91.5	90.8	87.6	663	500	1390
450	1800	460	508	1775	131	510	3300	G	94.9	95.5	95.6	87.0	85.7	80.3	1331	1065	2795
450	1200	460	5010	1180	132	512	3328	G	94.7	95.5	95.9	86.9	85.5	80.2	2003	2300	4085
450	900	460	5010	887	210	552	3405	G	94.4	95.1	95.3	80.9	76.9	67.1	2666	3508	6212
500	3600	460	508	3565	81.0	533	3305	G	95.0	95.8	96.3	92.5	92.5	90.5	737	555	1475
500	1800	460	508	1780	178	572	3715	G	95.3	95.7	95.6	85.9	83.4	76.2	1476	1325	3485
500	1200	460	5010	1180	169	580	3770	G	94.2	94.7	94.8	85.7	83.7	77.2	2225	2780	4520
500	900	460	588	890	211	611	3950	G	94.6	95.0	95.3	81.0	78.3	70.1	2950	2655	6260
600	3600	460	508	3565	111	645	4135	G	94.8	95.6	96.1	91.9	91.6	89.0	884	710	1835
600	1800	460	508	1780	209	698	4200	G	95.0	95.3	95.1	84.7	82.6	76.0	1770	1415	3685
600	1200	460	5010	1180	209	703	4565	G	94.1	94.7	94.6	85.0	83.0	76.3	2670	3330	5340
600	900	460	588	885	255	737	4740	G	94.1	94.5	94.2	81.0	78.3	70.3	3560	3560	7940
700	3600	460	508	3565	126	746	4845	G	95.3	96.0	96.5	92.2	91.9	89.4	1031	825	2215
700	1800	460	5010	1775	207	800	4800	G	94.8	95.3	95.3	86.4	85.3	80.2	2071	1550	4040
700	1200	460	588	1180	229	832	5240	G	94.2	94.8	94.8	83.6	82.0	76.0	3115	3900	6250
700	900	460	5810	890	281	841	5300	G	94.5	94.8	94.5	82.5	79.9	72.1	4130	4700	9950
800	3600	460	5010	3560	266	913	5480	G	95.4	95.7	95.6	86.0	83.9	77.3	1180	770	2410
800	1800	460	5010	1775	251	924	5545	G	95.0	95.5	95.5	85.3	83.9	78.2	2367	1890	4735
800	1200	460	588	1180	247	918	5780	G	94.6	95.0	94.9	86.3	84.8	79.2	3560	3800	7990
800	900	460	5810	890	326	971	6115	G	94.3	94.7	94.4	81.8	79.3	71.5	4720	4720	10950

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WPII ENCLOSURE 60 Hertz - 2300 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
200	3600	2300	508	3570	12.0	45.0	292	G	93.6	93.4	92.4	88.9	87.1	81.8	295	235	665
200	1800	2300	508	1780	17.3	47.0	305	G	93.4	93.5	92.7	85.3	82.1	74.0	590	475	1450
200	1200	2300	508	1180	16.5	47.5	308	G	92.8	93.3	93.0	85.0	82.1	74.1	890	980	1850
200	900	2300	508	883	21.9	52.0	256	G	92.5	93.1	92.9	77.9	73.2	62.6	1190	1339	2499
250	3600	2300	508	3570	17.5	57.5	373	G	93.8	93.5	92.4	86.8	84.3	77.4	368	310	860
250	1800	2300	508	1780	26.0	61.5	381	G	93.3	93.4	92.6	81.6	77.3	67.4	738	555	1700
250	1200	2300	508	1180	19.0	59.0	380	G	93.1	93.6	93.5	85.2	82.8	75.5	1113	1200	2235
250	900	2300	508	884	27.4	64.4	338	G	93.0	93.5	93.3	78.1	73.3	62.5	1485	1809	3319
300	3600	2300	508	3565	21.0	68.5	435	G	93.8	93.8	93.0	87.4	85.3	79.1	442	350	925
300	1800	2300	508	1780	26.0	72.0	460	G	93.6	93.9	93.3	83.4	80.0	71.5	885	710	2040
300	1200	2300	508	1180	21.0	70.0	450	G	93.5	94.1	94.0	85.9	84.7	78.0	1335	1470	2760
300	900	2300	508	884	30.3	75.5	411	G	93.4	94.0	94.0	79.7	75.3	65.0	1782	2304	4023
350	3600	2300	508	3560	23.5	82.0	460	G	93.2	93.2	92.3	85.8	84.0	77.9	516	365	1005
350	1800	2300	508	1780	27.7	81.5	529	G	94.1	94.3	93.8	85.5	82.5	74.7	1033	880	2460
350	1200	2300	508	1180	22.5	80.5	520	G	93.6	94.3	94.5	87.0	85.6	79.9	1558	1715	3120
350	900	2300	5010	885	36.8	88.1	516	G	93.8	94.3	94.3	79.4	74.5	63.8	2076	2975	5065
400	3600	2300	508	3565	25.0	90.5	565	G	94.0	94.0	93.2	88.0	86.1	80.3	590	470	1300
400	1800	2300	508	1780	28.0	93.5	600	G	94.0	94.5	94.3	85.2	83.2	76.8	1180	825	2360
400	1200	2300	508	1180	26.0	92.0	597	G	93.8	94.5	94.6	86.8	85.2	79.3	1780	1960	3600
400	900	2300	5010	886	44.8	102	640	H	93.7	94.1	93.9	78.6	73.2	61.9	2370	3775	6300
450	3600	2300	508	3565	31.0	104	643	G	94.0	93.9	93.9	86.6	84.3	77.7	663	530	1415
450	1800	2300	508	1780	29.5	104	668	G	94.3	94.7	94.6	85.9	84.1	76.8	1328	1000	2660
450	1200	2300	5010	1180	28.5	103	669	G	93.9	94.6	94.7	87.1	85.4	79.6	2003	2200	4120
450	900	2300	588	890	42.0	112	705	G	93.9	94.2	93.9	80.1	76.6	67.5	2655	2655	6350
500	3600	2300	508	3560	31.0	115	652	G	94.0	94.1	93.4	86.6	85.0	79.4	738	515	1440
500	1800	2300	508	1780	34.0	118	740	G	94.1	94.6	94.5	84.3	82.5	76.1	1475	1105	2950
500	1200	2300	5010	1180	29.5	113	733	G	94.2	94.9	95.2	88.0	86.7	81.6	2225	2450	4500
500	900	2300	588	890	46.0	123	790	G	94.0	94.3	94.0	81.0	77.5	68.4	2950	3380	7000
600	3600	2300	508	3560	35.0	136	791	G	94.5	94.7	94.1	87.7	86.3	81.1	885	660	1770
600	1800	2300	508	1780	42.5	141	900	G	94.4	94.9	94.8	84.4	82.2	75.4	1770	1415	3545
600	1200	2300	5010	1180	33.0	136	883	G	94.1	94.9	95.3	87.8	87.0	82.5	2670	3000	5340
600	900	2300	5810	890	57.0	149	945	G	94.2	94.5	94.0	80.0	76.3	67.0	3540	4050	8400
700	3600	2300	508	3555	38.0	160	835	F	94.2	94.5	94.0	87.0	86.1	81.7	1034	695	1860
700	1800	2300	5010	1780	48.0	162	1045	G	94.7	95.1	95.0	85.4	83.4	76.8	2065	1850	4585
700	1200	2300	588	1180	42.0	160	1016	G	94.5	95.1	95.2	86.7	85.3	79.7	3115	3115	6250
700	900	2300	5810	890	65.0	173	1100	G	94.3	94.6	94.2	80.3	76.8	67.7	4130	4940	9800
800	3600	2300	508	3560	42.0	179	1021	G	94.6	94.9	94.5	88.5	87.6	83.2	1180	885	2240
800	1800	2300	5010	1780	50.0	182	1180	G	94.9	95.3	95.2	86.7	84.9	79.1	2360	2125	5190
800	1200	2300	588	1180	49.0	184	1160	G	94.4	94.9	94.8	86.2	84.8	79.3	3560	3560	7150
800	900	2300	5810	885	65.0	196	1250	G	94.2	94.6	94.5	81.2	78.9	71.3	4746	4746	10030
900	3600	2300	5010	3555	40.0	199	1095	F	94.8	95.2	95.0	89.3	89.0	86.0	1330	945	2460
900	1800	2300	5010	1780	59.0	199	1235	G	94.9	95.3	95.3	85.5	83.5	77.1	2655	2390	5365
900	1200	2300	5810	1185	58.0	206	1329	G	94.7	95.1	95.0	86.4	84.6	78.5	3988	3988	8000
900	900	2300	5812	890	79.0	220	1400	G	94.4	94.6	94.0	81.1	78.0	69.6	5309	6355	11700

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WPII ENCLOSURE 60 Hertz - 2300 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
1000	3600	2300	5010	3555	45.0	221	1292	G	94.8	95.2	95.1	89.4	88.9	85.5	1447	1180	2805
1000	1800	2300	5810	1780	44.0	216	1400	G	95.3	95.6	95.5	91.0	90.3	86.9	2950	2655	6500
1000	1200	2300	5810	1185	64.0	228	1480	G	94.9	95.3	95.2	86.5	84.7	78.7	4431	4431	8900
1000	900	2300	5812	890	83.0	243	1555	G	94.5	94.7	94.2	81.5	78.8	70.9	5900	7080	12770
1250	3600	2300	5010	3570	58.0	273	1774	G	94.9	95.2	94.9	89.7	88.6	84.3	1839	2200	3850
1250	1800	2300	5810	1780	53.0	270	1750	G	95.3	95.7	95.6	91.0	90.4	87.3	3688	3320	7800
1250	1200	2300	5812	1185	69.0	282	1805	G	95.2	95.7	95.8	87.2	86.2	81.4	5538	5538	11100
1250	900	2300	6811	892	85.0	287	1779	G	95.3	95.7	95.6	85.5	83.5	76.9	7360	5152	14720
1500	3600	2300	5810	3570	54.0	315	2045	G	95.9	96.3	96.3	92.3	92.8	90.4	2207	1663	4675
1500	1800	2300	5810	1785	70.0	328	2100	G	95.6	95.9	95.7	89.6	89.0	85.4	4412	3530	9025
1500	1200	2300	5812	1185	87.0	339	2175	G	95.3	95.7	95.7	87.0	85.7	80.4	6646	6646	13300
1500	900	2300	6811	892	96.1	342	2120	G	95.4	95.8	95.8	86.0	84.3	78.3	8832	6182	17664
1750	3600	2300	5810	3570	62.0	369	2395	G	95.9	96.3	96.4	92.6	92.5	90.4	2474	1855	5180
1750	1800	2300	5812	1785	76.0	378	2450	G	95.8	96.1	96.0	90.5	90.3	87.6	5148	4120	10960
1750	1200	2300	6811	1190	85.5	386	2509	G	95.6	96.0	95.9	88.7	88.1	84.2	7724	5407	15448
1750	900	2300	6813	893	114	398	2587	G	95.6	96.0	95.9	86.2	84.3	78.0	10292	7719	21613
2000	3600	2300	5810	3575	84.0	430	2790	G	95.9	96.2	96.1	90.8	90.3	87.2	2938	1765	6777
2000	1800	2300	5812	1785	91.0	436	2830	G	95.8	96.1	96.0	89.7	89.2	85.6	5882	5000	12960
2000	1200	2300	6813	1190	92.7	439	2854	G	95.7	96.0	96.0	89.2	88.7	85.1	8827	6179	17654
2000	900	2300	6813	892	122	452	2893	G	95.7	96.1	96.1	86.6	85.1	79.5	11776	8243	23552
2250	3600	2300	5812	3575	82.0	477	3100	G	96.1	96.5	96.5	91.9	91.7	89.3	3305	2230	7940
2250	1800	2300	6811	1788	110	495	3218	G	96.0	96.2	96.0	88.7	88.0	83.1	6609	3965	13879
2250	1200	2300	6813	1190	101	492	3198	G	95.7	96.0	96.0	89.5	89.1	85.7	9930	6951	20853
2500	3600	2300	5812	3575	80.0	527	3290	G	96.2	96.6	96.7	92.3	92.4	90.6	3672	2472	8675
2500	1800	2300	6811	1788	112	544	3536	G	96.3	96.5	96.2	89.3	88.9	85.8	7343	4406	15420
2500	1200	2300	6813	1190	110	545	3543	G	96.0	96.4	96.3	89.5	89.2	86.0	11034	7724	23171
3000	3600	2300	6811	3581	142	600	3906	G	96.1	96.2	95.7	89.8	89.0	85.2	4400	2640	8800
3000	1800	2300	6813	1787	114	650	4030	G	96.3	96.5	96.4	89.7	90.0	87.8	8817	5290	17634
3500	3600	2300	6813	3581	159	751	4806	G	96.3	96.3	95.9	90.6	89.8	86.1	5133	3080	10779
3500	1800	2300	6813	1788	144	758	4927	G	96.5	96.7	96.6	89.6	89.6	86.8	10281	6169	21590
4000	3600	2300	6813	3582	203	865	5624	G	96.4	96.5	96.1	89.8	88.6	84.1	5865	3812	12903
4000	1800	2300	6813	1788	172	869	5649	G	96.5	96.7	96.6	89.3	89.1	86.1	11749	8224	25848
4500	3600	2300	6813	3580	191	964	5976	G	96.5	96.6	96.3	90.6	90.2	87.0	6602	4291	13204
5000	3600	2300	6813	3580	231	1082	5994	F	96.4	96.6	96.3	89.7	89.0	85.3	7335	4401	14670



## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WP11 ENCLOSURE 60 Hertz - 4000 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
200	3600	4000	508	3570	7.0	26.0	169	G	93.6	93.4	92.4	88.5	86.7	81.4	295	235	665
200	1800	4000	508	1780	10.0	27.0	175	G	93.4	93.5	92.7	85.4	82.2	74.1	590	475	1450
200	1200	4000	508	1180	9.5	27.5	178	G	92.8	93.3	93.0	84.4	81.5	73.5	890	980	1850
200	900	4000	508	885	34.7	29.7	158	G	92.8	93.3	93.1	78.2	73.2	62.2	1187	1431	2648
250	3600	4000	508	3570	10.0	33.0	214	G	93.8	93.5	92.4	87.0	84.5	77.6	368	310	860
250	1800	4000	508	1780	15.0	35.5	220	G	93.3	93.4	92.6	81.3	77.0	67.1	738	555	1700
250	1200	4000	508	1180	11.0	34.0	220	G	93.1	93.6	93.5	85.0	82.6	75.3	1113	1200	2235
250	900	4000	508	886	16.2	36.9	212	G	93.1	93.6	93.4	78.3	73.0	61.8	1482	2013	3577
300	3600	4000	508	3565	12.0	39.5	250	G	93.8	93.8	93.0	87.2	85.1	78.9	442	350	925
300	1800	4000	508	1780	15.0	41.5	265	G	93.6	93.9	93.3	83.2	79.8	71.3	885	710	2040
300	1200	4000	508	1180	12.0	40.0	260	G	93.5	94.1	94.0	86.4	84.2	77.5	1335	1470	2760
300	900	4000	5010	886	19.5	44.1	265	G	93.5	93.9	93.7	78.4	93.0	61.7	1778	2569	4498
350	3600	4000	508	3560	13.5	47.0	265	G	93.2	93.2	92.3	86.0	84.2	78.1	516	365	1005
350	1800	4000	508	1780	16.0	47.0	305	G	94.1	94.3	93.8	85.2	82.2	74.4	1033	880	2460
350	1200	4000	508	1180	13.0	46.5	300	G	93.6	94.3	94.5	86.6	85.2	79.5	1558	1715	3120
350	900	4000	5010	885	21.3	50.9	294	G	93.4	93.9	93.8	79.3	74.4	63.7	2076	2895	4982
400	3600	4000	508	3565	14.5	52.0	325	G	94.0	94.0	93.2	88.1	86.2	80.4	590	470	1300
400	1800	4000	508	1780	16.0	54.0	345	G	94.0	94.5	94.3	84.9	82.9	76.5	1180	825	2360
400	1200	4000	508	1180	15.0	53.0	344	G	93.8	94.5	94.6	86.7	85.1	79.2	1780	1960	3600
400	900	4000	5010	890	26.4	59.1	345	G	94.0	94.4	94.1	77.5	74.1	60.8	2360	3134	5179
450	3600	4000	508	3565	18.0	59.5	370	G	94.0	93.9	93.0	86.6	84.3	77.7	663	530	1415
450	1800	4000	508	1780	17.0	60.0	384	G	94.3	94.7	94.6	85.7	83.9	76.6	1328	1000	2660
450	1200	4000	5010	1180	16.5	59.5	386	G	93.9	94.6	94.7	86.8	85.1	79.3	2003	2200	4120
450	900	4000	588	890	25.0	65.0	409	G	93.7	94.1	93.7	79.5	76.0	66.7	2655	2655	6350
500	3600	4000	508	3560	18.0	66.0	375	G	94.0	94.1	93.4	86.8	85.2	79.6	738	515	1440
500	1800	4000	508	1780	19.5	68.0	425	G	94.1	94.6	94.5	84.1	82.3	75.9	1475	1105	2950
500	1200	4000	5010	1180	17.0	65.0	422	G	94.2	94.9	95.2	88.0	86.7	81.6	2225	2450	4500
500	900	4000	588	890	27.0	71.0	454	G	93.8	94.2	93.8	80.8	77.1	67.9	2950	3380	7000
600	3600	4000	508	3560	20.0	78.0	455	G	94.5	94.7	94.1	87.6	86.2	81.0	885	660	1770
600	1800	4000	508	1780	24.5	81.0	517	G	94.4	94.9	94.8	84.5	82.3	75.5	1770	1415	3545
600	1200	4000	5010	1180	19.0	78.5	510	G	94.1	94.9	95.3	87.5	86.7	82.2	2670	3000	5340
600	900	4000	5810	890	33.0	86.0	545	G	94.1	94.3	93.9	79.8	76.0	66.6	3540	4050	8400
700	3600	4000	508	3555	22.0	92.0	480	F	94.2	94.5	94.0	87.0	86.1	81.7	1034	695	1860
700	1800	4000	5010	1780	28.0	93.0	600	G	94.7	95.1	95.0	85.6	83.4	76.5	2065	1850	4585
700	1200	4000	588	1185	25.0	92.0	595	G	94.3	94.7	94.6	86.9	85.3	79.7	3102	3102	7065
700	900	4000	5810	890	38.0	100	606	G	94.2	94.4	94.0	80.0	76.4	67.2	4130	4940	9800
800	3600	4000	508	3560	24.0	103	587	G	94.6	94.9	94.5	88.4	87.5	83.1	1180	885	2240
800	1800	4000	5010	1780	29.0	105	680	G	94.9	95.3	95.2	86.5	84.7	78.9	2360	2125	5190
800	1200	4000	5810	1180	24.0	105	680	G	94.2	94.9	95.0	87.2	86.5	82.3	3560	3560	7200
800	900	4000	5810	890	40.0	112	715	G	94.3	94.5	94.1	81.5	78.5	70.3	4720	5650	10400
900	3600	4000	5010	3555	23.0	114	630	F	94.8	95.2	95.0	89.3	89.0	86.0	1330	945	2460
900	1800	4000	5010	1780	34.0	115	713	G	94.9	95.3	95.3	85.4	83.4	77.0	2655	2390	5365
900	1200	4000	5810	1185	33.5	119	850	H	94.6	95.0	94.9	86.0	84.2	78.0	3988	3988	8000
900	900	4000	5812	890	46.0	127	815	G	94.2	94.4	93.9	81.0	77.9	69.3	5309	6355	11700

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WPII ENCLOSURE 60 Hertz - 4000 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
1000	3600	4000	5010	3555	26.0	127	740	G	94.8	95.2	95.1	89.4	88.9	85.5	1477	1180	2805
1000	1800	4000	5810	1780	26.0	125	810	G	95.1	95.5	95.3	90.6	89.9	86.3	2950	2800	7335
1000	1200	4000	5810	1185	35.0	131	850	G	94.6	95.2	95.2	86.9	85.5	80.0	4431	4431	8900
1000	900	4000	5812	890	50.0	140	905	G	94.4	94.6	94.1	81.4	78.7	70.7	5900	7080	12770
1250	3600	4000	5010	3570	34.0	157	1020	G	95.7	96.0	96.0	89.6	88.9	85.1	1839	2200	3850
1250	1800	4000	5810	1780	31.0	156	1010	G	95.1	95.5	95.5	90.7	90.2	86.9	3688	3500	8800
1250	1200	4000	5812	1185	40.0	163	1045	G	94.9	95.5	95.6	87.0	85.9	81.0	5538	5538	11100
1250	900	4000	6811	892	50.6	166	1029	G	95.1	95.5	95.4	85.2	83.1	76.2	7360	5152	14720
1500	3600	4000	5810	3570	32.0	181	1170	G	95.8	96.1	96.2	93.1	92.8	90.4	2206	1690	4720
1500	1800	4000	5810	1785	36.0	188	1210	G	95.3	95.7	95.6	90.1	89.9	87.1	4412	3530	10200
1500	1200	4000	5812	1185	51.0	196	1260	G	94.9	95.4	95.5	86.8	85.4	80.0	6646	6646	13300
1500	900	4000	6811	892	55.8	197	1221	G	95.1	95.6	95.6	86.1	84.3	78.2	8832	6182	17664
1750	3600	4000	5810	3570	44.0	215	1395	G	95.6	96.1	96.2	91.7	90.9	87.3	2574	2120	5740
1750	1800	4000	5812	1785	42.0	219	1400	G	95.5	95.9	95.9	90.1	89.9	86.9	5148	4120	11560
1750	1200	4000	6811	1190	48.3	222	1421	G	95.4	95.8	95.8	88.8	88.3	84.5	7724	5407	15448
1750	900	4000	6813	892	62.2	228	1436	G	95.3	95.8	95.8	86.6	85.1	79.3	10304	7213	20608
2000	3600	4000	5810	3575	50.0	248	1610	G	95.7	96.0	95.9	90.7	90.1	86.9	2938	1800	6795
2000	1800	4000	5812	1785	58.0	252	1630	G	95.5	95.9	95.8	89.5	88.6	84.4	5884	5000	14220
2000	1200	4000	6813	1190	54.0	253	1645	G	95.4	95.8	95.8	89.1	88.6	85.0	8827	6179	18537
2000	900	4000	6813	892	70.9	263	1683	G	95.4	95.9	95.9	86.6	85.1	79.3	11776	8243	23552
2250	3600	4000	5812	3575	48.0	272	1765	G	95.9	96.3	96.4	92.9	92.6	90.2	3305	2285	7100
2250	1800	4000	6811	1788	56.9	284	1789	G	95.8	96.1	96.0	89.1	89.0	85.8	6609	3965	13879
2250	1200	4000	6813	1191	62.5	284	1846	G	95.6	96.0	95.9	89.2	88.5	84.6	9922	7938	20836
2250	900	4000	8010	894	86.6	296	1796	G	95.7	96.0	95.8	85.6	83.7	77.3	13241	9910	27749
2500	3600	4000	5812	3575	47.0	303	1965	G	96.1	96.5	96.5	92.5	92.5	90.7	3672	2480	8585
2500	1800	4000	6811	1788	63.2	314	1978	F	96.2	96.4	96.2	89.1	88.9	85.8	7343	4406	15420
2500	1200	4000	6813	1190	66.0	315	2048	G	95.8	96.2	96.2	89.2	88.8	85.3	11034	7724	22068
2500	900	4000	8010	894	89.4	326	1903	F	96.1	96.3	96.1	85.8	84.4	78.8	14687	11015	29374
3000	3600	4000	6811	3581	87.5	376	2258	G	96.1	96.2	95.7	89.3	88.3	83.9	4400	2540	8800
3000	1800	4000	6813	1787	68.4	375	2325	G	96.2	96.5	96.4	89.5	89.7	87.2	8817	5290	17634
3000	1200	4000	8010	1192	93.0	392	2140	E	96.3	96.4	96.1	85.5	83.5	77.2	13210	8980	27741
3000	900	4000	8010	894	112	393	2349	F	96.1	96.4	96.2	85.5	83.9	77.8	17621	13744	37004
3500	3600	4000	6813	3581	92.2	432	2678	G	96.3	96.3	95.9	90.5	89.6	85.9	5132	3079	10777
3500	1800	4000	6813	1788	84.1	437	2841	G	96.3	96.6	96.5	89.6	89.5	86.6	10281	6169	22618
3500	1200	4000	8010	1192	127	456	2445	E	96.4	96.6	96.3	85.7	84.2	78.3	15414	10482	31600
3500	900	4000	8012	894	131	458	2761	F	96.2	96.4	96.3	85.5	83.8	77.7	20558	16446	43171
4000	3600	4000	6813	3582	118	498	3237	G	96.4	96.4	96.1	89.8	88.5	84.0	5865	3812	12903
4000	1800	4000	6813	1788	106	502	3263	G	96.4	96.7	96.5	89.0	88.5	85.0	11749	8224	25848
4000	1200	4000	8012	1193	142	517	2885	F	96.4	96.6	96.4	86.3	84.8	79.0	17613	12329	36987
4000	900	4000	8012	894	137	518	3136	F	96.2	96.5	96.4	86.3	85.1	80.7	23495	18796	46991
4500	3600	4000	6813	3580	112	555	3441	G	96.4	96.5	96.3	90.6	90.1	86.8	6602	4291	13204
4500	1800	4000	8010	1791	130	570	3501	F	96.2	96.3	95.8	88.3	87.6	83.6	13193	7916	29024
4500	1200	4000	8012	1192	152	579	3185	E	96.5	96.7	96.6	86.6	85.3	80.0	19818	13872	40626
5000	3600	4000	6813	3580	136	622	3566	F	96.4	96.5	96.3	89.8	89.0	84.1	7334	4767	15401
5000	1800	4000	8010	1791	116	622	3817	F	96.3	96.4	96.2	89.8	89.8	87.2	14622	9090	31523
5000	1200	4000	8012	1193	183	645	3871	G	96.6	96.7	96.5	86.4	84.6	78.4	22009	18046	49077

**Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706**

**WPII ENCLOSURE**  
**60 Hertz - 4000 Volt**

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
5500	3600	4000	8010	3585	201	701	4556	G	96.2	96.1	95.4	84.0	86.0	79.0	8053	3221	17327
5500	1800	4000	8010	1791	154	693	4505	G	96.4	96.6	96.2	88.6	87.8	83.8	16128	12400	32256
6000	3600	4000	8012	3586	186	751	4591	F	96.3	96.2	95.5	89.3	87.9	38.3	8787	5272	19331
6000	1800	4000	8010	1790	154	757	4920	G	96.4	96.6	96.4	88.5	88.3	85.0	17604	12322	35208
7000	3600	4000	8012	3585	157	853	5253	F	96.4	96.4	95.9	91.7	91.3	88.5	10254	6408	22558
7000	1800	4000	8012	1791	142	859	5557	F	96.7	96.9	96.7	89.9	90.7	89.0	20538	14368	41076
8000	3600	4000	8012	3586	167	974	6180	F	96.6	96.6	96.2	91.6	91.1	88.1	11717	7616	26363
8000	1800	4000	8012	1790	173	953	6195	F	97.0	97.2	97.2	89.7	89.7	87.0	23473	14370	45700
9000	3600	4000	8012	3585	184	1090	6673	F	96.5	96.4	96.0	92.1	91.9	89.7	13184	8570	28345

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WPII ENCLOSURE 60 Hertz - 6600 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
300	1800	6600	508	1780	8.0	24.5	166	H	93.6	93.8	93.3	85.4	82.8	75.6	885	750	2100
350	1800	6600	508	1780	9.5	29.0	188	G	93.4	93.8	93.5	84.3	81.5	73.7	1033	830	2345
350	1200	6600	588	1185	8.0	28.0	180	G	93.0	93.6	93.4	87.7	85.9	80.2	1551	1551	3475
350	900	6600	588	890	12.0	31.0	190	G	93.0	93.3	92.7	79.2	75.3	65.8	2065	2065	4790
400	3600	6600	508	3565	9.0	32.0	192	G	93.6	93.7	92.9	87.2	85.2	79.1	590	472	1270
400	1800	6600	508	1780	10.0	32.5	210	G	93.9	94.3	94.0	85.5	83.1	76.1	1180	945	2635
400	1200	6600	588	1185	9.0	32.0	205	G	93.0	93.6	93.5	87.7	85.7	79.7	1773	1773	4040
400	900	6600	588	890	15.0	35.5	220	G	92.8	93.1	92.5	79.2	74.9	64.9	2360	2360	5495
450	3600	6600	508	3565	11.0	36.0	216	G	93.4	93.5	92.8	87.3	85.2	78.7	663	500	1360
450	1800	6600	5010	1780	10.5	36.0	233	G	93.9	94.4	94.2	86.9	85.1	79.1	1328	1130	2945
450	1200	6600	588	1185	10.0	36.0	230	G	93.0	93.8	94.0	87.7	86.2	80.8	1994	1994	4250
450	900	6600	588	890	18.0	40.0	260	H	93.2	93.4	92.7	78.7	73.9	63.2	2655	3100	6300
500	3600	6600	508	3565	11.0	39.5	250	G	93.8	94.0	93.3	88.1	86.1	80.2	737	625	1620
500	1800	6600	5010	1780	11.5	40.0	260	G	94.3	94.7	94.5	86.5	84.6	78.5	1475	1250	3355
500	1200	6600	588	1185	10.5	40.0	255	G	93.3	94.0	94.2	87.4	85.9	80.5	2216	2216	4870
500	900	6600	5810	890	16.0	42.5	275	G	93.8	94.2	94.0	81.8	78.6	70.0	2950	3245	6875
600	3600	6600	5010	3565	11.0	46.0	298	G	94.4	94.7	94.3	90.1	88.8	84.1	884	795	1945
600	1800	6600	5010	1780	13.5	48.0	310	G	94.4	94.8	94.7	86.4	84.5	78.5	1770	1500	3900
600	1200	6600	5810	1185	12.5	48.0	310	G	93.7	94.4	94.5	87.0	85.5	80.2	2659	2659	6080
600	900	6600	5810	890	21.0	52.0	330	G	93.9	94.0	93.3	80.1	76.0	66.1	3540	4600	8530
700	3600	6600	5010	3560	13.0	54.5	330	G	94.4	94.7	94.3	88.8	87.6	83.1	1033	850	2090
700	1800	6600	5010	1780	16.0	56.0	364	G	94.4	94.8	94.7	86.4	84.4	78.0	2065	1850	4700
700	1200	6600	5810	1185	14.0	56.0	360	G	93.8	94.5	94.8	87.0	85.8	81.0	3102	3102	6890
700	900	6600	5812	890	25.0	61.0	385	G	93.9	94.0	93.3	79.7	75.6	65.7	4130	5450	9940
800	3600	6600	5010	3565	13.5	61.0	390	G	94.7	95.1	94.9	90.4	89.5	85.5	1179	1060	2535
800	1800	6600	588	1780	16.0	63.0	405	G	94.0	94.5	94.4	88.1	86.6	81.4	2360	1860	5100
800	1200	6600	5812	1185	16.0	63.0	405	G	94.5	95.2	95.4	87.7	86.4	81.4	3545	3545	7775
800	900	6600	5812	890	27.0	69.0	440	G	94.0	94.1	93.5	80.4	76.5	67.1	4720	6100	11000
900	3600	6600	5010	3565	17.0	70.0	434	G	94.7	95.0	94.6	88.6	87.4	82.6	1326	1127	2758
900	1800	6600	5810	1780	11.5	67.5	435	G	94.6	95.2	95.3	92.0	91.9	89.7	2657	2260	6050
900	1200	6600	5812	1185	17.0	71.0	455	G	94.4	95.1	95.4	87.7	86.7	82.0	3988	3988	8430
900	900	6600	6811	892	22.8	72.6	457	G	94.6	95.0	94.9	85.5	83.1	75.8	5297	3708	10859
1000	3600	6600	5010	3560	17.0	77.5	465	G	94.5	95.0	94.8	89.1	88.5	84.7	1475	1180	2805
1000	1800	6600	5810	1785	16.0	77.0	500	G	95.1	95.5	95.4	89.1	88.4	84.8	2942	2060	6480
1000	1200	6600	5812	1185	19.0	79.0	505	G	94.5	95.2	95.5	87.4	86.5	82.0	4431	4431	9420
1000	900	6600	6811	893	25.8	80.5	523	G	94.7	95.1	95.0	85.6	82.9	75.4	5879	4703	12640
1250	3600	6600	5810	3570	20.0	93.0	604	G	95.1	95.5	95.4	92.2	91.4	87.8	1839	1555	4165
1250	1800	6600	5810	1785	21.0	96.0	620	G	95.2	95.6	95.6	89.2	88.5	84.8	3678	2600	8050
1250	1200	6600	6811	1191	23.1	96.9	630	G	94.9	95.3	95.2	88.7	87.7	83.1	5510	3857	11571
1250	900	6600	6811	892	29.3	99.6	637	G	94.8	95.3	95.3	86.4	84.2	77.7	7387	5518	15082
1500	3600	6600	5810	3570	18.0	111	720	G	95.3	95.8	95.9	92.5	92.5	90.5	2206	1815	4645
1500	1800	6600	5812	1785	18.0	112	725	G	95.4	95.9	96.1	91.6	91.7	89.7	4414	3840	10412
1500	1200	6600	6811	1190	25.5	115	749	G	95.1	95.5	95.5	89.3	88.6	84.6	6618	4963	13897
1500	900	6600	6813	892	33.0	119	771	G	94.8	95.3	95.4	87.1	85.3	79.3	8828	7504	18098

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WPII ENCLOSURE 60 Hertz - 6600 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
1750	3600	6600	5810	3575	24.0	130	845	G	95.4	95.8	95.6	92.1	91.7	89.1	2570	1915	6700
1750	1800	6600	5812	1785	21.0	130	840	G	95.3	95.9	96.1	92.2	92.3	90.5	5150	4380	11980
1750	1200	6600	6813	1190	26.4	134	832	G	95.1	95.6	95.7	89.5	89.4	86.3	7721	5404	14669
1750	900	6600	6813	892	39.9	138	900	G	94.9	95.4	95.4	86.9	84.9	78.5	10300	8755	21630
2000	3600	6600	5812	3575	23.0	148	960	G	95.7	96.1	96.1	92.2	92.3	90.6	2938	2010	6780
2000	1800	6600	6811	1787	29.6	153	946	G	95.5	95.9	95.8	89.6	89.5	86.5	5876	3525	12045
2000	1200	6600	6813	1190	31.1	153	995	G	95.2	95.7	95.7	89.6	89.3	86.0	8824	6618	17647
2000	900	6600	8010	894	40.2	157	918	E	95.4	95.8	95.7	86.9	85.8	80.8	11750	8812	23498
2250	3600	6600	6811	3583	45.5	173	1124	G	95.2	95.2	94.5	89.2	87.4	81.9	3297	2143	7583
2250	1800	6600	6811	1788	36.2	171	1113	G	95.7	96.0	95.9	89.6	89.0	85.5	6607	3964	14865
2250	1200	6600	6813	1190	33.8	172	1101	F	95.3	95.8	95.7	89.6	89.4	86.4	9926	7445	19853
2250	900	6600	8010	894	50.0	178	1079	E	95.7	96.0	95.8	86.1	84.5	78.5	13212	9910	27745
2500	3600	6600	6811	3582	41.3	188	1187	G	95.6	95.6	95.0	90.6	89.7	85.7	3664	2382	8061
2500	1800	6600	6813	1788	34.6	188	1206	G	96.1	96.3	96.2	90.1	90.1	87.6	7341	4771	15415
2500	1200	6600	8010	1193	54.0	195	1122	F	96.3	96.5	96.3	86.8	85.1	79.2	11006	7924	23662
2500	900	6600	8012	894	51.0	197	1138	F	95.6	95.9	95.9	86.6	85.5	80.3	14685	10720	29370
3000	3600	6600	6813	3582	46.4	224	1454	G	96.0	96.0	95.4	91.2	90.4	86.7	4397	3078	9893
3000	1800	6600	6813	1787	40.3	226	1466	F	96.1	96.4	96.4	90.3	90.4	88.0	8814	5729	18509
3000	1200	6600	8012	1193	61.5	232	1314	F	96.4	96.6	96.5	87.3	95.9	80.4	13208	9906	28397
3000	900	6600	8012	894	65.7	236	1521	G	95.6	96.0	95.9	86.6	84.9	79.0	17612	15146	38746
3500	3600	6600	6813	3582	56.9	262	1703	F	96.0	96.1	95.7	90.8	89.9	85.9	5130	3591	11542
3500	1800	6600	6813	1787	46.3	264	1662	F	96.1	96.4	96.3	90.1	90.3	88.0	10283	6684	21593
3500	1200	6600	8012	1193	74.5	272	1611	F	96.6	96.8	96.6	87.0	85.3	79.5	15404	11553	33118
3500	900	6600	8012	894	69.0	274	1620	F	96.0	96.3	96.2	86.8	85.8	80.9	20560	16448	41120
4000	3600	6600	6813	3581	55.6	297	1813	F	96.1	96.2	96.0	91.4	91.0	88.2	5864	4105	12315
4000	1800	6600	8010	1792	66.7	304	1956	G	96.1	96.2	95.7	89.2	88.5	84.8	11724	7573	26965
4000	1200	6600	8012	1193	78.2	309	1785	F	96.6	96.8	96.0	87.5	86.3	81.3	17612	13209	37865
4500	3600	6600	8010	3587	94.0	345	2192	F	95.8	95.5	94.6	88.8	86.9	81.1	6588	3952	15152
4500	1800	6600	8010	1791	58.2	336	2116	F	96.2	96.3	96.0	90.6	90.8	88.5	13193	8575	30340
5000	3600	6600	8012	3586	86.0	377	2310	F	95.9	95.8	95.0	90.3	89.1	84.9	7322	4393	16108
5000	1800	6600	8010	1791	78.0	379	2464	G	96.5	96.7	96.5	89.1	89.0	86.0	14662	10263	29329
5500	3600	6600	8012	3587	102	416	2260	F	96.1	96.0	95.2	89.8	88.4	83.5	8053	4912	18522
5500	1800	6600	8010	1791	87.0	418	2717	G	96.5	96.8	96.6	89.0	88.5	85.0	16128	11290	32256
6000	3600	6600	8012	3585	80.0	443	2704	F	96.2	96.1	95.5	91.9	91.6	89.0	8788	5273	18895
6000	1800	6600	8012	1791	90.0	446	2858	G	96.5	96.7	96.4	90.9	91.2	89.4	17591	12489	40459
7000	3600	6600	8012	3586	94.0	515	3236	F	96.5	96.4	95.9	91.9	91.5	88.7	10252	6356	22554
7000	1800	6600	8012	1790	93.0	524	3400	G	96.7	97.0	96.9	90.0	90.0	88.0	20533	12320	41066

**Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706**

**TEWAC ENCLOSURE**

**60 Hertz - 460 Volt**

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
500	900	460	588	890	211	611	3950	G	94.6	95.0	95.3	81.0	78.3	70.1	2950	2655	6260
600	900	460	588	885	255	737	4740	G	94.1	94.5	94.2	81.0	78.3	70.3	3560	3560	7940
700	1200	460	588	1180	229	832	5240	G	94.2	94.8	94.8	83.6	82.0	76.0	3115	3900	6250
700	900	460	5810	890	281	841	5300	G	94.5	94.8	94.5	82.5	79.9	72.1	4130	4700	9950
800	1200	460	588	1180	247	918	5780	G	94.6	95.0	94.9	86.3	84.8	79.2	3560	3800	7990
800	900	460	5810	890	326	971	6115	G	94.3	94.7	94.4	81.8	79.3	71.5	4720	4720	10950

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### TEWAC ENCLOSURE

60 Hertz – 2300 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
450	900	2300	588	890	42.0	112	705	G	93.9	94.2	93.9	80.1	76.6	67.5	2655	2655	6350
500	900	2300	588	890	46.0	123	790	G	94.0	94.3	94.0	81.0	77.5	68.4	2950	3380	7000
600	900	2300	5810	890	57.0	149	945	G	94.2	94.5	94.0	80.0	76.3	67.0	3540	4050	8400
700	1200	2300	588	1180	42.0	160	1016	G	94.5	95.1	95.2	86.7	85.3	79.7	3115	3115	6250
700	900	2300	5810	890	65.0	173	1100	G	94.3	94.6	94.2	80.3	76.8	67.7	4130	4940	9800
800	1200	2300	588	1180	49.0	184	1160	G	94.4	94.9	94.8	86.2	84.8	79.3	3560	3560	7150
800	900	2300	5810	885	65.0	196	1250	G	94.2	94.6	94.5	81.2	78.9	71.3	4746	4746	10030
900	1200	2300	5810	1185	58.0	206	1329	G	94.7	95.1	95.0	86.4	84.6	78.5	3988	3988	8000
900	900	2300	5812	890	79.0	220	1400	G	94.4	94.6	94.0	81.1	78.0	69.6	5309	6355	11700
1000	1800	2300	5810	1780	44.0	216	1400	G	95.3	95.6	95.5	91.0	90.3	86.9	2950	2655	6500
1000	1200	2300	5810	1185	64.0	228	1480	G	94.9	95.3	95.2	86.5	84.7	78.7	4431	4431	8900
1000	900	2300	5812	890	83.0	243	1555	G	94.5	94.7	94.2	81.5	78.8	70.9	5900	7080	12770
1250	1800	2300	5810	1780	53.0	270	1750	G	95.3	95.7	95.6	91.0	90.4	87.3	3688	3320	7800
1250	1200	2300	5812	1185	69.0	282	1805	G	95.2	95.7	95.8	87.2	86.2	81.4	5538	5538	11100
1250	900	2300	6811	892	85.0	287	1779	G	95.3	95.7	95.6	85.5	83.5	76.9	7360	5152	14720
1500	3600	2300	5810	3570	54.0	315	2045	G	95.9	96.3	96.3	92.3	92.8	90.4	2207	1663	4675
1500	1800	2300	5810	1785	70.0	328	2100	G	95.6	95.9	95.7	89.6	89.0	85.4	4412	3530	9025
1500	1200	2300	5812	1185	87.0	339	2175	G	95.3	95.7	95.7	87.0	85.7	80.4	6646	6646	13300
1500	900	2300	6811	892	96.1	342	2120	G	95.4	95.8	95.8	86.0	84.3	78.3	8832	6182	17664
1750	3600	2300	5810	3570	62.0	369	2395	G	95.9	96.3	96.4	92.6	92.5	90.4	2474	1855	5180
1750	1800	2300	5812	1785	76.0	378	2450	G	95.8	96.1	96.0	90.5	90.3	87.6	5148	4120	10960
1750	1200	2300	6811	1190	85.5	386	2509	G	95.6	96.0	95.9	88.7	88.1	84.2	7724	5407	15448
1750	900	2300	6813	893	114	398	2587	G	95.6	96.0	95.9	86.2	84.3	78.0	10292	7719	21613
2000	3600	2300	5810	3575	84.0	430	2790	G	95.9	96.2	96.1	90.8	90.3	87.2	2938	1765	6777
2000	1800	2300	5812	1785	91.0	436	2830	G	95.8	96.1	96.0	89.7	89.2	85.6	5882	5000	12960
2000	1200	2300	6813	1190	92.7	439	2854	G	95.7	96.0	96.0	89.2	88.7	85.1	8827	6179	17654
2000	900	2300	6813	892	122	452	2893	G	95.7	96.1	96.1	86.6	85.1	79.5	11776	8243	23552
2250	3600	2300	5812	3575	82.0	477	3100	G	96.1	96.5	96.5	91.9	91.7	89.3	3305	2230	7940
2250	1800	2300	6811	1788	110	495	3218	G	96.0	96.2	96.0	88.7	88.0	83.1	6609	3965	13879
2250	1200	2300	6813	1190	101	492	3198	G	95.7	96.0	96.0	89.5	89.1	85.7	9930	6951	20853
2500	3600	2300	5812	3575	80.0	527	3290	G	96.2	96.6	96.7	92.3	92.4	90.6	3672	2472	8675
2500	1800	2300	6811	1788	112	544	3536	G	96.3	96.5	96.2	89.3	88.9	85.8	7343	4406	15420
2500	1200	2300	6813	1190	110	545	3543	G	96.0	96.4	96.3	89.5	89.2	86.0	11034	7724	23171
3000	3600	2300	6811	3581	142	600	3906	G	96.1	96.2	95.7	89.8	89.0	85.2	4400	2640	8800
3000	1800	2300	6813	1787	114	650	4030	G	96.3	96.5	96.4	89.7	90.0	87.8	8817	5290	17634
3500	3600	2300	6813	3581	159	751	4806	G	96.3	96.3	95.9	90.6	89.8	86.1	5133	3080	10779
3500	1800	2300	6813	1788	144	758	4927	G	96.5	96.7	96.6	89.6	89.6	86.8	10281	6169	21590
4000	3600	2300	6813	3582	203	865	5624	G	96.4	96.5	96.1	89.8	88.6	84.1	5865	3812	12903
4000	1800	2300	6813	1788	172	869	5649	G	96.5	96.7	96.6	89.3	89.1	86.1	11749	8224	25848
4500	3600	2300	6813	3580	191	964	5976	G	96.5	96.6	96.3	90.6	90.2	87.0	6602	4291	13204
5000	3600	2300	6813	3580	231	1082	5994	F	96.4	96.6	96.3	89.7	89.0	85.3	7335	4401	14670

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### TEWAC ENCLOSURE

60 Hertz - 4000 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
450	900	4000	588	890	25.0	65.0	409	G	93.7	94.1	93.7	79.5	76.0	66.7	2655	2655	6350
500	900	4000	588	890	27.0	71.0	454	G	93.8	94.2	93.8	80.8	77.1	67.9	2950	3380	7000
600	900	4000	5810	890	33.0	86.0	545	G	94.1	94.3	93.9	79.8	76.0	66.6	3540	4050	8400
700	1200	4000	588	1185	25.0	92.0	595	G	94.3	94.7	94.6	86.9	85.3	79.7	3102	3102	7065
700	900	4000	5810	890	38.0	100	606	G	94.2	94.4	94.0	80.0	76.4	67.2	4130	4940	9800
800	1200	4000	5810	1180	24.0	105	680	G	94.2	94.9	95.0	87.2	86.5	82.3	3560	3560	7200
800	900	4000	5810	890	40.0	112	715	G	94.3	94.5	94.1	81.5	78.5	70.3	4720	5650	10400
900	1200	4000	5810	1185	33.5	119	850	H	94.6	95.0	94.9	86.0	84.2	78.0	3988	3988	8000
900	900	4000	5812	890	46.0	127	815	G	94.2	94.4	93.9	81.0	77.9	69.3	5309	6355	11700
1000	1800	4000	5810	1780	26.0	125	810	G	95.1	95.5	95.3	90.6	89.9	86.3	2950	2800	7335
1000	1200	4000	5810	1185	35.0	131	850	G	94.6	95.2	95.2	86.9	85.5	80.0	4431	4431	8900
1000	900	4000	5812	890	50.0	140	905	G	94.4	94.6	94.1	81.4	78.7	70.7	5900	7080	12770
1250	1800	4000	5810	1780	31.0	156	1010	G	95.1	95.5	95.5	90.7	90.2	86.9	3688	3500	8800
1250	1200	4000	5812	1185	40.0	163	1045	G	94.9	95.5	95.6	87.0	85.9	81.0	5538	5538	11100
1250	900	4000	6811	892	50.6	166	1029	G	95.1	95.5	95.4	85.2	83.1	76.2	7360	5152	14720
1500	3600	4000	5810	3570	32.0	181	1170	G	95.8	96.1	96.2	93.1	92.8	90.4	2206	1690	4720
1500	1800	4000	5810	1785	36.0	188	1210	G	95.3	95.7	95.6	90.1	89.9	87.1	4412	3530	10200
1500	1200	4000	5812	1185	51.0	196	1260	G	94.9	95.4	95.5	86.8	85.4	80.0	6646	6646	13300
1500	900	4000	6811	892	55.8	197	1221	G	95.1	95.6	95.6	86.1	84.3	78.2	8832	6182	17664
1750	3600	4000	5810	3570	44.0	215	1395	G	95.6	96.1	96.2	91.7	90.9	87.3	2574	2120	5740
1750	1800	4000	5812	1785	42.0	219	1400	G	95.5	95.9	95.9	90.1	89.9	86.9	5148	4120	11560
1750	1200	4000	6811	1190	48.3	222	1421	G	95.4	95.8	95.8	88.8	88.3	84.5	7724	5407	15448
1750	900	4000	6813	892	62.2	228	1436	G	95.3	95.8	95.8	86.6	85.1	79.3	10304	7213	20608
2000	3600	4000	5810	3575	50.0	248	1610	G	95.7	96.0	95.9	90.7	90.1	86.9	2938	1800	6795
2000	1800	4000	5812	1785	58.0	252	1630	G	95.5	95.9	95.8	89.5	88.6	84.4	5884	5000	14220
2000	1200	4000	6813	1190	54.0	253	1645	G	95.4	95.8	95.8	89.1	88.6	85.0	8827	6179	18537
2000	900	4000	6813	892	70.9	263	1683	G	95.4	95.9	95.9	86.6	85.1	79.3	11776	8243	23552
2250	3600	4000	5812	3575	48.0	272	1765	G	95.9	96.3	96.4	92.9	92.6	90.2	3305	2285	7100
2250	1800	4000	6811	1788	56.9	284	1789	G	95.8	96.1	96.0	89.1	89.0	85.8	6609	3965	13879
2250	1200	4000	6813	1191	62.5	284	1846	G	95.6	96.0	95.9	89.2	88.5	84.6	9922	7938	20836
2250	900	4000	8010	894	86.6	296	1796	G	95.7	96.0	95.8	85.6	83.7	77.3	13241	9910	27749
2500	3600	4000	5812	3575	47.0	303	1965	G	96.1	96.5	96.5	92.5	92.5	90.7	3672	2480	8585
2500	1800	4000	6811	1788	632	314	1978	F	96.2	96.4	96.2	89.1	88.9	85.8	7343	4406	15420
2500	1200	4000	6813	1190	66.0	315	2048	G	95.8	96.2	96.2	89.2	88.8	85.3	11034	7724	22068
2500	900	4000	8010	894	89.4	326	1903	F	96.1	96.3	96.1	85.8	84.4	78.8	14687	11015	29374
3000	3600	4000	6811	3581	87.5	376	2258	G	96.1	96.2	95.7	89.3	88.3	83.9	4400	2540	8800
3000	1800	4000	6813	1787	68.4	375	2325	G	96.2	96.5	96.4	89.5	89.7	87.2	8817	5290	17634
3000	1200	4000	8010	1192	93.0	392	2140	E	96.3	96.4	96.1	85.5	83.5	77.2	13210	8980	27741
3000	900	4000	8010	894	112	393	2349	F	96.1	96.4	96.2	85.5	83.9	77.8	17621	13744	37004
3500	3600	4000	6813	3581	92.2	432	2678	G	96.3	96.3	95.9	90.5	89.6	85.9	5132	3079	10777
3500	1800	4000	6813	1788	84.1	437	2841	G	96.3	96.6	96.5	89.6	89.5	86.6	10281	6169	22618
3500	1200	4000	8010	1192	127	456	2445	E	96.4	96.6	96.3	85.7	84.2	78.3	15414	10482	31600
3500	900	4000	8012	894	131	458	2761	F	96.2	96.4	96.3	85.5	83.8	77.7	20558	16446	43171
4000	3600	4000	6813	3582	118	498	3237	G	96.4	96.4	96.1	89.8	88.5	84.0	5865	3812	12903
4000	1800	4000	6813	1788	106	502	3263	G	96.4	96.7	96.5	89.0	88.5	85.0	11749	8224	25848
4000	1200	4000	8012	1193	142	517	2885	F	96.4	96.6	96.4	86.3	84.8	79.0	17613	12329	36987
4000	900	4000	8012	894	137	518	3136	F	96.2	96.5	96.4	86.3	85.1	80.7	23495	18796	46991



**Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706**

**TEWAC ENCLOSURE**

**60 Hertz – 4000 Volt**

**AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient**

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
4500	3600	4000	6813	3580	112	555	3441	G	96.4	96.5	96.3	90.6	90.1	86.8	6602	4291	13204
4500	1800	4000	8010	1791	130	570	3501	F	96.2	96.3	95.8	88.3	87.6	83.6	13193	7916	29024
4500	1200	4000	8012	1192	152	579	3185	E	96.5	96.7	96.6	86.6	85.3	80.0	19818	13872	40626
5000	3600	4000	6813	3580	136	622	3566	F	96.4	96.5	96.3	89.8	89.0	84.1	7334	4767	15401
5000	1800	4000	8010	1791	116	622	3817	F	96.3	96.4	96.2	89.8	89.8	87.2	14622	9090	31523
5000	1200	4000	8012	1193	183	645	3871	G	96.6	96.7	96.5	86.4	84.6	78.4	22009	18046	49077
5500	3600	4000	8010	3585	201	701	4556	G	96.2	96.1	95.4	84.0	86.0	79.0	8053	3221	17327
5500	1800	4000	8010	1791	154	693	4505	G	96.4	96.6	96.2	88.6	87.8	83.8	16128	12400	32256
6000	3600	4000	8012	3586	186	751	4591	F	96.3	96.2	95.5	89.3	87.9	38.3	8787	5272	19331
6000	1800	4000	8010	1790	154	757	4920	G	96.4	96.6	96.4	88.5	88.3	85.0	17604	12322	35208
7000	3600	4000	8012	3585	157	853	5253	F	96.4	96.4	95.9	91.7	91.3	88.5	10254	6408	22558
7000	1800	4000	8012	1791	142	859	5557	F	96.7	96.9	96.7	89.9	90.7	89.0	20538	14368	41076
8000	3600	4000	8012	3586	167	974	6180	F	96.6	96.6	96.2	91.6	91.1	88.1	11717	7616	26363
8000	1800	4000	8012	1790	173	953	6195	F	97.0	97.2	97.2	89.7	89.7	87.0	23473	14370	45700
9000	3600	4000	8012	3585	184	1090	6673	F	96.5	96.4	96.0	92.1	91.9	89.7	13184	8570	28345

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### TEWAC ENCLOSURE

60 Hertz – 6600 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
350	1200	6600	588	1185	8.0	28.0	180	G	93.0	93.6	93.4	87.7	85.9	80.2	1551	1551	3475
350	900	6600	588	890	12.0	31.0	190	G	93.0	93.3	92.7	79.2	75.3	65.8	2065	2065	4790
400	1200	6600	588	1185	9.0	32.0	205	G	93.0	93.6	93.5	87.7	85.7	79.7	1773	1773	4040
400	900	6600	588	890	15.0	35.5	220	G	92.8	93.1	92.5	79.2	74.9	64.9	2360	2360	5495
450	1200	6600	588	1185	10.0	36.0	230	G	93.0	93.8	94.0	87.7	86.2	80.8	1994	1994	4250
450	900	6600	588	890	18.0	40.0	260	H	93.2	93.4	92.7	78.7	73.9	63.2	2655	3100	6300
500	1200	6600	588	1185	10.5	40.0	255	G	93.3	94.0	94.2	87.4	85.9	80.5	2216	2216	4870
500	900	6600	5810	890	16.0	42.5	275	G	93.8	94.2	94.0	81.8	78.6	70.0	2950	3245	6875
600	1200	6600	5810	1185	12.5	48.0	310	G	93.7	94.4	94.5	87.0	85.5	80.2	2659	2659	6080
600	900	6600	5810	890	21.0	52.0	330	G	93.9	94.0	93.3	80.1	76.0	66.1	3540	4600	8530
700	1200	6600	5810	1185	14.0	56.0	360	G	93.8	94.5	94.8	87.0	85.8	81.0	3102	3102	6890
700	900	6600	5812	890	25.0	61.0	385	G	93.9	94.0	93.3	79.7	75.6	65.7	4130	5450	9940
800	1800	6600	588	1780	16.0	63.0	405	G	94.0	94.5	94.4	88.1	86.6	81.4	2360	1860	5100
800	1200	6600	5812	1185	16.0	63.0	405	G	94.5	95.2	95.4	87.7	86.4	81.4	3545	3545	7775
800	900	6600	5812	890	27.0	69.0	440	G	94.0	94.1	93.5	80.4	76.5	67.1	4720	6100	11000
900	1800	6600	5810	1780	11.5	67.5	435	G	94.6	95.2	95.3	92.0	91.9	89.7	2657	2260	6050
900	1200	6600	5812	1185	17.0	71.0	455	G	94.4	95.1	95.4	87.7	86.7	82.0	3988	3988	8430
900	900	6600	6811	892	22.8	72.6	457	G	94.6	95.0	94.9	85.5	83.1	75.8	5297	3708	10859
1000	1800	6600	5810	1785	16.0	77.0	500	G	95.1	95.5	95.4	89.1	88.4	84.8	2942	2060	6480
1000	1200	6600	5812	1185	19.0	79.0	505	G	94.5	95.2	95.5	87.4	86.5	82.0	4431	4431	9420
1000	900	6600	6811	893	25.8	80.5	523	G	94.7	95.1	95.0	85.6	82.9	75.4	5879	4703	12640
1250	3600	6600	5810	3570	20.0	93.0	604	G	95.1	95.5	95.4	92.2	91.4	87.8	1839	1555	4165
1250	1800	6600	5810	1785	21.0	96.0	620	G	95.2	95.6	95.6	89.2	88.5	84.8	3678	2600	8050
1250	1200	6600	6811	1191	23.1	96.9	630	G	94.9	95.3	95.2	88.7	87.7	83.1	5510	3857	11571
1250	900	6600	6811	892	29.3	99.6	637	G	94.8	95.3	95.3	86.4	84.2	77.7	7387	5518	15082
1500	3600	6600	5810	3570	18.0	111	720	G	95.3	95.8	95.9	92.5	92.5	90.5	2206	1815	4645
1500	1800	6600	5812	1785	18.0	112	725	G	95.4	95.9	96.1	91.6	91.7	89.7	4414	3840	10412
1500	1200	6600	6811	1190	25.5	115	749	G	95.1	95.5	95.5	89.3	88.6	84.6	6618	4963	13897
1500	900	6600	6813	892	33.0	119	771	G	94.8	95.3	95.4	87.1	85.3	79.3	8828	7504	18098
1750	3600	6600	5810	3575	24.0	130	845	G	95.4	95.8	95.6	92.1	91.7	89.1	2570	1915	6700
1750	1800	6600	5812	1785	21.0	130	840	G	95.3	95.9	96.1	92.2	92.3	90.5	5150	4380	11980
1750	1200	6600	6813	1190	26.4	134	832	G	95.1	95.6	95.7	89.5	89.4	86.3	7721	5404	14669
1750	900	6600	6813	892	39.9	138	900	G	94.9	95.4	95.4	86.9	84.9	78.5	10300	8755	21630
2000	3600	6600	5812	3575	23.0	148	960	G	95.7	96.1	96.1	92.2	92.3	90.6	2938	2010	6780
2000	1800	6600	6811	1787	29.6	153	946	G	95.5	95.9	95.8	89.6	89.5	86.5	5876	3525	12045
2000	1200	6600	6813	1190	31.1	153	995	G	95.2	95.7	95.7	89.6	89.3	86.0	8824	6618	17647
2000	900	6600	8010	894	40.2	157	918	E	95.4	95.8	95.7	86.9	85.8	80.8	11750	8812	23498
2250	3600	6600	6811	3583	45.5	173	1124	G	95.2	95.2	94.5	89.2	87.4	81.9	3297	2143	7583
2250	1800	6600	6811	1788	36.2	171	1113	G	95.7	96.0	95.9	89.6	89.0	85.5	6607	3964	14865
2250	1200	6600	6813	1190	33.8	172	1101	F	95.3	95.8	95.7	89.6	89.4	86.4	9926	7445	19853
2250	900	6600	8010	894	50.0	178	1079	E	95.7	96.0	95.8	86.1	84.5	78.5	13212	9910	27745
2500	3600	6600	6811	3582	41.3	188	1187	G	95.6	95.6	95.0	90.6	89.7	85.7	3664	2382	8061
2500	1800	6600	6813	1788	34.6	188	1206	G	96.1	96.3	96.2	90.1	90.1	87.6	7341	4771	15415
2500	1200	6600	8010	1193	54.0	195	1122	F	96.3	96.5	96.3	86.8	85.1	79.2	11006	7924	23662
2500	900	6600	8012	894	51.0	197	1138	F	95.6	95.9	95.9	86.6	85.5	80.3	14685	10720	29370

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### TEWAC ENCLOSURE

60 Hertz – 6600 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
3000	3600	6600	6813	3582	46.4	224	1454	G	96.0	96.0	95.4	91.2	90.4	86.7	4397	3078	9893
3000	1800	6600	6813	1787	40.3	226	1466	F	96.1	96.4	96.4	90.3	90.4	88.0	8814	5729	18509
3000	1200	6600	8012	1193	61.5	232	1314	F	96.4	96.6	96.5	87.3	95.9	80.4	13208	9906	28397
3000	900	6600	8012	894	65.7	236	1521	G	95.6	96.0	95.9	86.6	84.9	79.0	17612	15146	38746
3500	3600	6600	6813	3582	56.9	262	1703	F	96.0	96.1	95.7	90.8	89.9	85.9	5130	3591	11542
3500	1800	6600	6813	1787	46.3	264	1662	F	96.1	96.4	96.3	90.1	90.3	88.0	10283	6684	21593
3500	1200	6600	8012	1193	74.5	272	1611	F	96.6	96.8	96.6	87.0	85.3	79.5	15404	11553	33118
3500	900	6600	8012	894	69.0	274	1620	F	96.0	96.3	96.2	86.8	85.8	80.9	20560	16448	41120
4000	3600	6600	6813	3581	55.6	297	1813	F	96.1	96.2	96.0	91.4	91.0	88.2	5864	4105	12315
4000	1800	6600	8010	1792	66.7	304	1956	G	96.1	96.2	95.7	89.2	88.5	84.8	11724	7573	26965
4000	1200	6600	8012	1193	78.2	309	1785	F	96.6	96.8	96.0	87.5	86.3	81.3	17612	13209	37865
4500	3600	6600	8010	3587	94.0	345	2192	F	95.8	95.5	94.6	88.8	86.9	81.1	6588	3952	15152
4500	1800	6600	8010	1791	58.2	336	2116	F	96.2	96.3	96.0	90.6	90.8	88.5	13193	8575	30340
5000	3600	6600	8012	3586	86.0	377	2310	F	95.9	95.8	95.0	90.3	89.1	84.9	7322	4393	16108
5000	1800	6600	8010	1791	78.0	379	2464	G	96.5	96.7	96.5	89.1	89.0	86.0	14662	10263	29329
5500	3600	6600	8012	3587	102	416	2260	F	96.1	96.0	95.2	89.8	88.4	83.5	8053	4912	18522
5500	1800	6600	8010	1791	87.0	418	2717	G	96.5	96.8	96.6	89.0	88.5	85.0	16128	11290	32256
6000	3600	6600	8012	3585	80.0	443	2704	F	96.2	96.1	95.5	91.9	91.6	89.0	8788	5273	18895
6000	1800	6600	8012	1791	90.0	446	2858	G	96.5	96.7	96.4	90.9	91.2	89.4	17591	12489	40459
7000	3600	6600	8012	3586	94.0	515	3236	F	96.5	96.4	95.9	91.9	91.5	88.7	10252	6356	22554
7000	1800	6600	8012	1790	93.0	524	3400	G	96.7	97.0	96.9	90.0	90.0	88.0	20533	12320	41066

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### TEFC ENCLOSURE 60 Hertz - 460 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
200	900	460	509	893	103	248	1503	G	95.2	95.7	95.7	79.4	74.8	64.2	1176	1105	2705
250	1800	460	509	1786	67.0	278	1760	G	94.7	94.8	94.3	88.8	87.5	82.8	735	713	1588
250	1200	460	509	1185	77.2	282	1734	G	94.9	95.5	95.6	87.4	85.5	79.4	1108	1064	2604
250	900	460	5011	893	132	311	1969	G	95.4	95.9	96.0	78.9	74.0	63.2	1470	1499	3469
300	3600	460	509	3568	51.9	324	2025	G	93.9	93.9	93.1	92.4	92.2	90.1	442	407	981
300	1800	460	509	1786	75.9	333	2071	G	95.0	95.2	94.9	88.9	87.9	83.6	882	856	1835
300	1200	460	509	1186	96.9	339	2200	G	95.2	95.7	95.9	87.1	84.9	78.3	1328	1368	3254
300	900	460	5013	893	150	368	2392	G	95.5	96.0	96.1	80.0	75.5	65.0	1764	1234.8	3528
350	3600	460	509	3568	56.0	375	2381	G	94.1	94.2	93.5	92.8	92.7	91.0	515	494	1159
350	1800	460	509	1786	96.7	391	2514	G	95.1	95.4	95.1	88.2	86.9	81.9	1029	1070	2202
350	1200	460	5011	1186	106	393	2535	G	95.3	95.9	96.1	87.6	85.8	79.8	1550	1628	3736
350	900	460	5013	893	168	430	2795	G	95.3	95.9	96.1	80.2	76.2	66.2	2058	1440.6	4116
400	3600	460	509	3567	66.1	429	2643	G	94.3	94.5	93.9	92.5	92.4	90.5	589	542	1284
400	1800	460	5011	1786	102	443	2826	G	95.2	95.6	95.4	88.8	87.8	83.5	1176	1247	2470
400	1200	460	5011	1185	112	447	2718	G	95.2	95.9	96.2	88.0	86.6	81.3	1773	1755	4042
400	900	460	588	890	195	502	3260	H	95.4	95.9	96.0	78.2	74.4	64.7	2360	2360	5350
450	3600	460	509	3566	65.3	480	2909	G	94.4	94.6	94.2	92.9	93.1	91.7	663	617	1412
450	1800	460	5011	1785	103	495	3024	G	95.3	95.7	95.7	89.3	88.7	85.2	1324	1364	2648
450	1200	460	5013	1190	210	544	3536	G	95.4	95.7	95.6	82.0	79.0	70.0	1986	13902	3972
450	900	460	5810	890	197	552	3525	G	95.3	95.8	96.1	80.0	76.8	68.0	2655	2655	5720
500	3600	460	5011	3568	73.7	530	3424	G	94.7	94.9	94.6	93.2	93.2	91.7	736	743	1663
500	1800	460	5011	1785	121	553	3395	G	95.4	95.8	95.8	88.7	88.0	84.1	1471	1545	2927
500	1200	460	5013	1189	190	584	3796	G	95.4	95.8	95.8	84.0	81.3	73.5	2209	1546.3	4418
500	900	460	5812	890	200	605	3870	G	95.5	96.1	96.3	81.0	78.5	70.6	2950	2950	6190
600	3600	460	5011	3568	79.4	630	4082	G	95.3	95.6	95.3	93.5	93.7	92.5	883	909	1978
600	1800	460	5011	1785	137	657	4119	G	95.9	96.3	96.3	89.1	88.6	85.0	1765	1942	3512
600	1200	460	5810	1185	182	676	4390	G	95.7	96.1	96.0	86.8	85.2	79.4	2659	2659	5850
700	3600	460	5013	3562	69.0	736	4784	F	95.3	95.7	95.6	93.5	94.3	94.1	1032	722.4	2064
700	1800	460	5013	1787	156	763	4959.5	G	95.7	96.0	95.8	89.8	89.2	85.8	2057	1439.9	4114
800	1800	460	5013	1786	240	945	6142.5	G	95.2	95.3	94.7	83.2	82.0	76.9	2353	1647.1	4706
800	900	460	788	892	406	992	5970	G	95.6	95.8	94.5	79.4	75.2	65.2	4706	4377	10447

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### TEFC ENCLOSURE 60 Hertz - 2300 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
200	3600	2300	509	3573	11.1	45.0	288	G	93.0	92.4	90.6	89.5	88.1	83.5	294	268	659
200	1800	2300	509	1786	15.8	49.3	306	G	93.3	92.9	91.4	81.5	78.8	71.4	588	541	1376
200	1200	2300	509	1187	23.8	51.5	330	H	93.9	93.9	93.0	77.5	71.8	60.4	885	1575	2425
200	900	2300	509	892	23.2	51.3	330	H	94.1	94.4	94.0	77.6	72.2	60.9	1178	1814	2933
250	3600	2300	509	3573	12.5	55.5	356	G	93.5	93.1	91.6	90.2	89.2	85.2	367	338	811
250	1800	2300	509	1786	18.4	60.6	379	G	93.8	93.5	92.3	82.3	79.9	73.0	735	713	1705
250	1200	2300	509	1187	27.4	63.1	396	H	94.0	94.1	93.5	78.9	73.9	63.1	1106	1969	2898
250	900	2300	5011	891	25.1	62.4	369	G	94.3	94.7	94.5	79.6	75.3	65.3	1474	2034	3317
300	3600	2300	509	3574	16.6	67.1	417	G	93.9	93.6	92.3	89.2	87.9	83.1	441	375	948
300	1800	2300	509	1787	21.7	72.1	459	G	94.5	94.5	93.6	82.5	80.1	73.1	882	820	2055
300	1200	2300	509	1186	29.8	74.7	415	G	94.6	94.8	94.5	79.5	75.4	65.5	1328	1833	3001
300	900	2300	5013	891	51.1	89.0	425	G	93.9	93.9	93.0	77.5	71.8	60.4	1768	1841	4045
350	3600	2300	509	3574	17.6	77.2	496	G	94.2	94.0	92.9	90.1	89.0	84.9	514	457	1126
350	1800	2300	509	1787	28.5	85.7	545	G	94.6	94.4	93.5	80.8	77.8	69.7	1029	957	2552
350	1200	2300	5011	1186	33.2	86.2	475	G	94.7	95.0	94.8	80.3	76.4	67.0	1550	2124	3441
350	900	2300	5013	891	57.8	103	479	F	94.0	94.1	93.5	78.9	73.9	63.1	2063	2042	4573
400	3600	2300	509	3572	20.0	88.6	532	G	94.3	94.1	93.2	89.7	88.8	84.7	588	494	1205
400	1800	2300	5011	1786	28.6	96.0	601	G	94.8	94.8	94.2	82.3	80.1	73.1	1176	1105	2681
400	1200	2300	5011	1187	39.5	99.0	565	G	94.8	95.1	94.8	79.8	75.6	65.7	1770	2567	4106
400	900	2300	5810	890	39.0	99.0	640	H	94.6	94.8	94.5	79.5	75.4	65.5	2360	2360	5600
450	3600	2300	509	3572	19.9	98.4	588	G	94.6	94.5	93.7	90.5	90.0	86.8	662	556	1337
450	1800	2300	5011	1787	32.8	108	680	G	95.0	95.1	94.4	82.1	79.7	72.6	1323	1244	3188
450	1200	2300	5013	1188	46.1	111	626	F	94.9	95.2	94.9	79.7	75.1	64.7	1989	2004	4840
450	900	2300	5810	890	40.0	111	710	G	94.7	95.0	94.8	80.3	76.4	67.0	2655	2655	5700
500	3600	2300	5011	3573	21.1	109	668	G	94.8	94.8	94.1	90.9	90.5	87.5	735	632	1580
500	1800	2300	5011	1787	39.5	122	770	G	94.7	94.7	93.9	81.0	78.2	70.4	1470	1426	3381
500	1200	2300	5013	1188	45.4	121	675	F	94.9	95.2	95.0	81.7	77.9	68.6	2210	2238	5233
500	900	2300	5812	890	50.0	127	826	H	94.9	95.0	94.5	77.8	74.1	64.7	2947	2062	5894
600	3600	2300	5011	3573	21.9	128	792	G	95.4	95.4	94.8	91.8	91.6	89.4	882	785	1799
600	1800	2300	5011	1787	45.5	144	932	G	95.5	95.5	94.8	81.6	78.9	71.4	1763	1781	4319
600	1200	2300	5810	1185	49.0	143	915	G	95.3	95.5	95.1	82.4	79.6	71.6	2659	2605	5970
600	900	2300	5812	891	66.0	154	1000	H	95.1	95.2	94.7	72.6	72.1	61.8	3533	2473	7066
700	3600	2300	5013	3579	49.0	266	1732	F	96.1	96.2	95.8	90.1	89.7	87.1	1834	1284	3668
700	1800	2300	5013	1787	58.4	169	1105	G	95.5	95.7	95.4	89.3	88.3	84.0	2057	2147	5181
700	1200	2300	5812	1190	52.5	164	1064	G	95.6	95.7	95.2	83.8	81.3	74.0	3088	2471	7103
700	900	2300	708	892	71.8	175	1028	H	95.3	95.5	95.1	79.1	74.9	64.9	4119	3707	8938
800	3600	2300	5013	3568	36.4	173	1127	G	95.9	96.1	95.8	90.2	89.4	85.7	1178	964	2959
800	1800	2300	5013	1786	54.8	188	1180	G	95.9	96.1	95.8	90.2	89.4	85.7	2353	2344	5585
800	1200	2300	5812	1190	65.5	189	1227	G	95.7	95.7	95.2	82.9	79.8	71.5	3529	2824	8118
800	900	2300	708	892	81.3	198	1194	G	95.3	95.5	95.1	82.4	79.6	71.6	4706	4377	10447
900	3600	2300	5810	3580	43.0	195	1265	G	95.9	95.9	95.4	90.1	89.2	85.3	1320	1122	3036
900	1800	2300	5810	1784	57.3	204	1293	G	95.5	95.6	95.2	86.7	84.9	78.8	2649	2649	5748
900	1200	2300	5812	1190	63.5	185	1200	G	95.8	96.1	95.8	84.4	82.2	75.4	3971	3176	9132
900	900	2300	788	894	97.9	226	1446	H	95.6	95.7	95.2	83.8	81.3	74.0	5287	3701	11631

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### TEFC ENCLOSURE 60 Hertz – 2300 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
1000	3600	2300	5812	3579	41.0	215	1397	F	95.8	95.8	95.3	89.7	89.3	86.4	1468	1028	2936
1000	1800	2300	5812	1785	65.0	227	1474	G	95.7	95.8	95.3	86.3	84.5	78.4	2941	2553	6765
1000	1200	2300	788	1193	71.7	228	1483	G	96.1	96.2	95.9	85.4	83.0	75.7	4402	2641	9684
1000	900	2300	788	894	114	253	1645	H	95.7	95.7	95.2	82.9	79.8	71.5	5874	4112	13510
1250	3600	2300	5812	3584	55.1	267	1667	F	96.3	96.4	96.0	91.1	90.3	86.7	1831	1287	4193
1250	1800	2300	5812	1790	78.7	285	1850	G	96.3	96.4	96.0	91.1	90.3	86.7	3667	2200	7701
1250	1200	2300	788	1187	87.1	284	1756	G	95.6	95.8	95.7	86.2	83.8	76.7	5529	4700	13104
1250	900	2300	880	895	120	309	1978	H	95.8	96.1	95.8	84.4	82.2	75.4	7335	5135	15404
1500	3600	2300	788	3588	79.0	324	2047	F	96.1	96.1	95.5	89.9	88.5	83.7	2196	1275	4882
1500	1800	2300	788	1792	107	343	2207	G	96.1	96.1	95.5	89.9	88.5	83.7	4395	2505	9361
1500	1200	2300	788	1188	103	338	2199	G	95.9	96.2	96.2	86.5	84.1	77.0	6631	6034	16312
1500	900	2300	880	895	145	370	2405	H	96.1	96.2	95.9	85.4	83.0	75.7	8802	6161	18484
1750	3600	2300	880	3588	89.0	376	2420	F	96.4	96.4	95.9	90.3	89.0	84.3	2561	1545	5762
1750	1800	2300	788	1792	123	400	2535	G	96.4	96.4	95.9	90.3	89.0	84.3	5128	2923	10667
1750	1200	2300	880	1193	113	395	2419	F	96.4	96.6	96.3	86.0	84.2	78.0	7700	5005	16401
2000	3600	2300	880	3587	81.7	423	2705	F	96.3	96.3	95.7	92.0	91.3	88.1	2928	1886	6746
2000	1800	2300	880	1792	129	430	2661	G	96.3	96.3	95.7	92.0	91.3	88.1	5874	4220	12367
2250	1800	2300	880	1792	134	500	3250	G	96.4	96.5	96.2	87.4	85.8	80.2	6594	3956	13188

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### TEFC ENCLOSURE 60 Hertz - 4000 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
200	1800	4000	509	1786	9.2	28.4	176	G	93.3	92.9	91.4	81.3	78.6	71.1	588	535	1370
200	1200	4000	509	1187	12.9	29.2	180	G	93.8	93.9	93.1	78.5	73.3	62.3	885	1496	2292
200	900	4000	509	892	13.5	29.6	188	H	93.9	94.2	93.8	77.5	72.0	60.6	1178	1755	2898
250	3600	4000	509	3578	7.0	31.5	204	G	94.4	94.4	93.7	90.5	89.6	85.8	367	294	845
250	1800	4000	509	1786	10.7	35.0	218	G	93.7	93.5	92.3	82.1	79.7	72.7	735	698	1698
250	1200	4000	509	1187	15.9	36.4	227	G	93.9	94.0	93.4	78.7	73.7	62.8	1106	1947	2887
250	900	4000	5011	892	16.7	36.8	239	H	94.3	94.6	94.2	77.6	72.2	60.9	1472	2267	3695
300	3600	4000	509	3574	10.0	38.8	244	G	93.7	93.4	92.1	88.9	87.3	82.2	441	379	1001
300	1800	4000	509	1787	12.6	41.5	263	G	94.5	94.4	93.5	82.4	79.9	72.8	882	803	2046
300	1200	4000	509	1186	17.3	43.0	246	G	94.4	94.7	94.3	79.6	75.4	65.4	1328	1939	3081
300	900	4000	5013	891	28.9	51.0	237	F	94.4	94.7	94.4	67.1	60.0	47.3	1769	1754	3908
350	3600	4000	509	3574	9.9	44.5	277	G	94.1	93.9	92.8	90.1	89.1	85.2	514	437	1141
350	1800	4000	509	1787	16.7	49.5	313	G	94.5	94.4	93.5	80.6	77.4	69.2	1029	947	2542
350	1200	4000	5011	1186	19.3	49.5	281	G	94.6	94.9	94.7	80.4	76.4	66.8	1550	2232	3534
350	900	4000	5013	891	35.2	60.3	279	F	94.7	95.0	94.8	65.9	58.4	45.7	2063	1857	4717
400	3600	4000	509	3575	13.5	51.5	332	G	94.1	93.9	92.7	88.8	87.2	81.9	588	535	1294
400	1800	4000	5011	1787	18.8	56.3	363	G	94.6	94.5	93.7	80.9	77.8	69.7	1176	1117	2916
400	1200	4000	5011	1187	23.0	57.0	335	G	94.6	94.9	94.7	79.9	75.6	65.5	1770	2690	4195
400	900	4000	5810	890	23.0	57.0	368	H	95.0	95.3	95.2	79.5	75.4	65.5	2360	2360	5600
450	3600	4000	509	3574	12.5	56.9	356	G	94.4	94.3	93.4	90.2	89.3	85.4	661	582	1395
450	1800	4000	5011	1787	19.1	62.3	391	G	95.0	95.0	94.4	81.9	79.5	72.2	1323	1230	3175
450	1200	4000	5013	1188	26.8	64.2	371	G	94.7	95.0	94.7	79.7	75.0	64.4	1989	2111	4936
450	900	4000	5810	890	24.0	64.0	409	G	94.9	95.4	95.4	79.8	76.7	68.0	2655	2655	5700
500	3600	4000	5011	3574	13.1	62.7	398	G	94.7	94.7	93.9	90.6	89.9	86.4	735	654	1632
500	1800	4000	5011	1787	19.4	68.1	434	G	95.2	95.3	94.7	83.1	81.0	74.5	1470	1397	3543
500	1200	4000	5013	1188	26.4	69.7	385	F	94.8	95.1	94.9	81.5	77.7	68.2	2210	2188	5184
500	900	4000	5812	891	29.0	74.0	481	H	94.7	94.9	94.4	77.6	73.9	64.5	2947	2062	5894
600	3600	4000	5011	3573	12.7	73.9	457	G	95.3	95.4	94.8	91.7	91.6	89.2	882	776	1879
600	1800	4000	5011	1787	26.5	83.2	535	G	95.4	95.3	94.6	81.4	78.7	71.0	1763	1745	4302
600	1200	4000	5810	1185	29.0	83.0	530	G	95.2	95.4	95.0	81.8	78.9	70.8	2659	2605	5970
600	900	4000	5812	892	38.0	89.0	578	H	95.0	95.1	94.6	76.5	71.9	61.4	3533	2473	7066
700	3600	4000	5013	3568	20.5	88.0	572	G	95.3	95.6	95.3	89.4	88.2	83.8	1030	844	2598
700	1800	4000	5013	1787	34.2	97.8	633	G	95.2	95.0	94.1	81.0	77.7	69.3	2057	2115	5160
700	1200	4000	5812	1190	30.5	94.0	610	G	95.5	95.6	95.1	83.6	81.1	73.8	3088	2471	7103
700	900	4000	708	892	37.9	98.2	578	H	95.0	95.3	94.9	80.6	76.9	67.6	4120	3708	8570
800	3600	4000	5013	3568	21.6	100	648	G	95.8	96.0	95.7	90.0	89.1	85.2	1178	952	2948
800	1800	4000	5013	1786	32.0	108	676	G	95.4	95.3	94.6	83.4	81.3	74.7	2353	2310	5564
800	1200	4000	5812	1190	38.0	109	708	G	95.6	95.7	95.2	82.7	79.6	71.2	3529	2824	8118
800	900	4000	708	892	43.6	112	687	G	95.5	95.8	95.5	80.6	76.7	67.2	4706	4518	10259
900	3600	4000	5810	3578	23.6	114	630	G	95.9	95.9	95.5	88.9	88.0	84.3	1320	1122	3036
900	1800	4000	5810	1785	36.8	118	767	G	95.5	95.5	94.9	85.8	83.3	76.2	2647	2912	6088
900	1200	4000	5812	1190	42.0	121	785	G	95.9	96.0	95.7	83.5	80.2	72.0	3971	3176	9132
900	900	4000	788	894	56.8	131	825	H	95.9	96.0	95.7	77.4	72.7	62.0	5287	3701	11631
1000	3600	4000	5812	3579	24.0	124	807	F	95.8	95.8	95.3	89.7	89.3	86.4	1468	1028	2936
1000	1800	4000	5812	1785	44.5	134	868	G	95.6	95.6	95.0	84.3	81.4	73.6	2941	2553	6765
1000	1200	4000	788	1193	41.6	131	852	G	95.6	95.8	95.7	85.3	82.8	75.4	4402	2641	9684
1000	900	4000	788	894	66.2	146	949	H	96.0	96.1	95.7	76.9	71.7	60.5	5875	4113	13513

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### TEFC ENCLOSURE 60 Hertz – 4000 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
1250	3600	4000	5812	3579	28.0	154	1000	F	96.1	96.2	95.8	90.1	89.7	87.1	1834	1284	3668
1250	1800	4000	5812	1789	50.0	164	1066	G	95.9	95.9	95.4	85.6	83.3	76.4	3668	2568	7337
1250	1200	4000	788	1187	52.7	164	1031	G	95.6	95.9	95.7	85.6	82.9	75.4	5527	4698	13265
1250	900	4000	880	895	69.7	178	1139	H	96.3	96.4	96.0	78.6	75.0	65.6	7335	5135	15404
1500	3600	4000	788	3588	46.0	187	1177	G	96.1	96.0	95.4	89.9	88.4	83.4	2196	1272	4897
1500	1800	4000	788	1792	62.1	198	1261	G	96.2	96.4	96.0	84.9	82.5	75.3	4395	2461	9317
1500	1200	4000	788	1188	59.9	195	1255	G	95.9	96.2	96.1	86.4	83.9	76.7	6631	5902	16047
1500	900	4000	880	895	84.7	213	1385	H	96.4	96.5	96.1	78.6	74.8	65.3	8802	6161	19364
1750	3600	4000	880	3588	52.0	217	1375	G	96.4	96.3	95.8	90.3	88.9	84.1	2561	1549	5763
1750	1800	4000	788	1792	71.7	230	1461	G	96.3	96.5	96.1	84.8	82.5	75.5	5128	2923	10666
1750	1200	4000	880	1193	65.5	227	1453	G	96.4	96.5	96.3	86.2	84.3	78.0	7700	5390	17017
2000	3600	4000	880	3587	47.4	243	1560	G	96.3	96.2	95.6	91.9	91.2	88.0	2928	1886	6772
2000	1800	4000	880	1792	74.2	248	1531	G	96.2	96.4	96.1	90.4	90.3	87.7	5874	4219	12365
2250	1800	4000	880	1792	77.6	287	1866	G	96.4	96.5	96.2	87.4	85.7	80.0	6594	3956	13847



## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### TEFC ENCLOSURE 60 Hertz - 6600 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
300	3600	6600	509	3576	7.1	24.1	163	G	93.2	92.9	91.4	87.2	84.6	77.7	440	405	1082
300	1800	6600	5011	1788	8.1	25.3	174	H	94.2	94.1	93.2	82.4	79.4	71.7	881	881	2299
300	1200	6600	5810	1192	9.0	26.0	169	H	94.2	94.3	93.6	82.0	79.0	91.0	1321	924.7	2642
300	900	6600	5810	893	11.0	26.0	169	H	94.8	95.0	94.7	79.3	74.8	64.3	1764	1234.8	3528
350	3600	6600	509	3576	7.3	27.4	182	G	93.7	93.5	92.3	89.1	87.4	82.1	514	468	1218
350	1800	6600	5011	1788	9.5	29.3	199	H	94.5	94.5	93.6	82.1	79.1	71.3	1028	1018	2632
350	1200	6600	5810	1190	10.0	29.0	185	G	94.5	94.5	94.0	83.3	80.1	71.8	1545	1545	3470
350	900	6600	5810	890	12.0	30.5	197	H	93.9	94.2	94.0	79.7	75.6	65.7	2065	2065	4830
400	3600	6600	5011	3576	6.3	30.4	207	G	94.1	94.1	93.2	91.4	90.9	87.9	588	517	1311
400	1800	6600	5011	1788	10.1	33.3	224	H	94.6	94.7	94.0	82.9	80.4	73.3	1175	1210	3055
400	1200	6600	5810	1190	12.0	34.0	220	G	94.6	94.7	94.1	81.1	77.9	69.3	1765	1765	4030
400	900	6600	5810	890	13.0	34.5	223	H	94.0	94.4	94.2	80.5	77.0	67.8	2360	2360	5250
450	3600	6600	5011	3576	6.1	33.7	231	G	94.5	94.5	93.7	92.2	91.9	89.5	661	615	1500
450	1800	6600	5011	1788	11.4	37.5	249	H	94.6	94.7	94.1	82.8	80.3	73.1	1322	1415	3503
450	1200	6600	5810	1185	13.0	37.5	240	G	94.4	94.5	93.8	82.9	79.7	71.5	1994	1994	4730
450	900	6600	5812	891	17.0	40.0	260	H	94.5	94.5	94.1	77.4	73.2	63.2	2653	1857	5306
500	3600	6600	5013	3568	5.9	38.0	230	F	94.5	94.8	94.6	91.9	91.9	90.0	736	556	1726
500	1800	6600	5013	1787	11.2	40.7	251	G	94.9	94.9	94.1	84.5	82.8	76.8	1470	1349	3421
500	1200	6600	5810	1185	14.5	42.0	270	G	94.5	94.6	94.0	82.2	79.3	71.3	2216	2216	5080
500	900	6600	5812	892	20.0	46.0	298	H	94.6	94.7	94.1	76.3	71.3	60.4	2944	2060	5888
600	3600	6600	5013	3568	7.3	45.0	290	F	95.2	95.5	95.3	92.0	91.8	89.6	883	705	2183
600	1800	6600	5013	1786	12.8	48.4	300	G	95.1	95.2	94.5	85.1	83.5	78.0	1764	1669	4078
600	1200	6600	5812	1190	16.5	49.0	318	G	95.1	95.2	94.7	83.9	81.1	73.3	2647	2118	6088
600	900	6600	708	893	22.5	51.7	326	G	94.8	95.1	94.7	79.7	75.4	65.0	3529	3176	7834
700	3600	6600	5810	3580	10.5	52.5	341	G	95.7	95.7	95.1	90.9	90.1	86.8	1027	668	2360
700	1800	6600	5810	1785	15.0	56.0	360	G	95.5	95.6	95.1	85.4	84.1	78.8	2059	1400	4530
700	1200	6600	5812	1190	20.0	58.0	374	G	95.2	95.3	94.8	83.4	80.4	72.3	3088	2471	7103
700	900	6600	708	893	24.9	59.9	384	G	95.1	95.3	95.0	80.0	75.6	65.3	4115	4033	9341
800	3600	6600	5812	3579	11.0	60.0	390	F	95.4	95.4	94.7	91.4	90.0	88.9	1174	822	2348
800	1800	6600	5812	1785	21.5	65.0	422	G	95.2	95.2	94.5	84.4	81.5	73.6	2353	1882	5412
800	1200	6600	708	1190	19.6	63.6	396	G	95.4	95.6	95.4	85.5	83.1	75.9	3532	2720	7735
800	900	6600	788	894	33.6	72.0	446	H	95.1	95.3	94.9	76.3	70.9	59.6	4698	3899	11416
900	3600	6600	5812	3579	13.0	67.0	437	F	95.4	95.5	95.0	91.5	90.0	88.8	1320	924	2640
900	1800	6600	5812	1785	22.0	72.0	468	G	95.3	95.3	94.9	85.5	83.2	76.3	2647	2118	6088
900	1200	6600	708	1189	21.7	71.3	445	G	95.5	95.7	95.5	85.8	83.3	76.2	3977	3142	8948
900	900	6600	788	893	36.2	79.9	499	H	95.4	95.4	94.8	77.1	71.9	60.8	5284	4412	12692
1000	3600	6600	5812	3586	17.4	75.1	484	G	96.0	96.0	95.5	90.6	89.3	84.9	1465	938	3472
1000	1800	6600	5812	1788	22.2	79.8	481	F	95.8	95.9	95.6	85.3	83.7	77.9	2936	1908	6577
1000	1200	6600	788	1187	24.2	79.0	488	G	95.5	95.8	95.7	86.4	84.0	76.9	4422	3626	10480
1000	900	6600	880	895	38.9	87.2	567	H	95.7	96.0	95.9	77.8	72.7	62.0	5871	4403	12623
1250	3600	6600	788	3588	21.2	93.9	588	G	96.0	95.9	95.2	90.6	89.5	85.2	1830	988	4008
1250	1800	6600	788	1792	31.8	99.4	642	G	96.1	96.2	95.8	85.3	82.7	75.3	3662	1977	8020
1250	1200	6600	880	1187	28.9	98.4	592	G	95.6	96.0	95.9	86.6	84.5	77.8	5529	4423	12661
1250	900	6600	880	894	42.3	107	694	H	95.8	96.1	96.0	78.5	73.4	62.9	7339	5137	15412
1500	3600	6600	880	3587	22.3	112	722	G	95.8	95.7	94.9	91.7	90.9	87.6	2196	1362	5007
1500	1800	6600	788	1792	36.8	120	742	G	96.1	96.3	95.9	85.2	82.9	76.0	4396	2374	9100
1500	1200	6600	880	1193	33.8	118	742	G	96.4	96.6	96.4	86.3	84.4	78.1	6600	4488	14454

**Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706**

**TEFC ENCLOSURE**  
**60 Hertz - 6600 Volt**

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
1750	3600	6600	880	3587	23.6	129	833	G	96.1	96.1	95.5	92.2	91.7	88.9	2562	1614	5739
1750	1800	6600	880	1790	22.9	130	814	G	96.2	96.3	95.9	91.1	91.0	88.6	5133	3028	10779
2000	1800	6600	880	1790	25.3	149	913	F	96.3	96.5	96.3	91.0	91.1	88.9	5867	3462	12027

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### TEAAC ENCLOSURE

60 Hertz - 2300 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
300	900	2300	588	889	27.0	73.0	445	G	93.2	93.4	92.9	81.6	78.1	69.2	1770	1780	4050
350	900	2300	588	889	31.0	85.0	529	G	93.4	93.7	93.2	81.8	78.4	69.7	2065	2200	4820
400	900	2300	5810	890	35.0	97.0	612	G	93.7	94.0	93.5	82.0	78.8	70.1	2360	2615	5590
450	1200	2300	588	1184	24.0	103	635	G	93.9	94.2	94.0	87.0	86.7	82.2	1995	1915	4200
450	900	2300	5810	890	38.0	108	694	G	93.9	94.2	93.8	82.2	79.1	70.6	2655	3030	6360
500	3600	2300	588	3573	21.0	108	680	G	93.8	93.5	92.4	92.4	91.7	88.3	735	555	1660
500	1200	2300	588	1183	25.0	113	711	G	93.9	94.3	94.2	87.9	87.3	83.4	2220	2055	4460
500	900	2300	5810	890	42.0	120	777	G	94.1	94.5	94.1	82.4	79.4	71.0	2950	3450	7125
600	3600	2300	588	3572	24.0	127	809	G	94.1	93.9	92.8	92.7	92.1	89.0	880	680	1980
600	1800	2300	588	1775	26.0	132	852	G	93.5	93.6	92.8	91.4	90.9	87.8	1775	1905	4360
600	1200	2300	5810	1185	29.0	136	840	G	94.3	94.8	94.8	88.1	87.7	84.1	2660	2425	5760
600	900	2300	5812	889	50.0	144	892	G	94.4	94.7	94.4	82.4	79.5	71.2	3540	4200	8060
700	3600	2300	588	3573	27.0	148	937	G	94.4	94.3	93.4	93.1	92.6	89.9	1030	800	2290
700	1800	2300	5810	1776	28.0	153	974	G	93.9	94.0	93.3	91.2	90.9	88.1	2070	2015	4790
700	1200	2300	5810	1187	32.0	157	986	G	94.6	95.2	95.3	88.3	88.1	84.8	3095	2795	7055
700	900	2300	5812	890	57.0	169	1005	G	94.6	94.9	94.6	82.3	79.5	71.4	4130	4950	8995
800	3600	2300	588	3572	33.0	170	1064	G	94.6	94.6	93.9	93.2	92.7	89.9	1175	895	2580
800	1800	2300	5810	1775	31.0	176	1094	G	94.2	94.4	93.8	91.0	90.9	88.4	2360	2125	5770
800	1200	2300	5812	1187	36.0	179	1082	G	94.8	95.4	95.5	88.4	88.3	85.1	3540	3325	7240
800	900	2300	6811	892	52.0	183	1069	G	94.6	94.9	94.5	86.5	84.6	78.5	4707	3525	9727
900	3600	2300	5810	3572	33.0	191	1195	G	94.7	94.8	94.1	93.0	92.6	89.8	1325	975	2990
900	1800	2300	5810	1776	34.0	197	1216	G	94.6	94.8	94.3	90.8	90.9	88.6	2650	2235	5651
900	1200	2300	5812	1187	40.0	200	1231	G	94.9	95.5	95.7	88.4	88.4	85.3	3980	3855	7425
900	900	2300	6811	892	57.0	205	1261	G	94.7	94.9	94.6	86.9	85.0	78.9	5295	4384	11313
1000	3600	2300	5810	3573	34.0	212	1325	G	94.9	95.0	94.4	93.1	92.9	91.4	1470	1050	3400
1000	1800	2300	5810	1785	36.0	217	1336	G	94.9	95.2	94.8	90.6	90.9	88.9	2940	2345	6080
1000	1200	2300	5812	1188	46.0	223	1358	G	95.1	95.7	95.8	88.4	87.8	83.8	4420	4815	9280
1000	900	2300	6811	892	61.0	226	1331	G	94.9	95.2	95.0	87.1	85.6	80.1	5884	4575	12047
1250	3600	2300	5810	3572	41.0	261	1600	G	95.4	95.6	95.4	94.3	94.1	92.1	1840	1370	3940
1250	1800	2300	5810	1785	47.0	271	1725	G	95.2	95.4	95.1	90.5	90.6	88.4	3680	3095	8385
1250	1200	2300	6813	1191	54.0	273	1710	G	95.0	95.3	94.9	90.1	89.8	86.8	5512	4271	11960
1250	900	2300	6813	893	73.0	280	1727	G	95.2	95.5	95.4	87.6	86.2	80.8	7353	6234	15472
1500	3600	2300	5812	3577	43.0	315	1957	G	95.6	95.8	95.6	93.8	94.0	92.5	2205	1475	4845
1500	1800	2300	5812	1787	61.0	325	2014	G	94.8	94.8	94.0	90.9	90.7	88.0	4409	2921	10170
1500	1200	2300	6813	1190	60.0	327	1988	G	95.1	95.4	95.3	90.2	90.2	87.7	6618	5158	13824
1500	900	2300	6813	893	89.0	336	2133	G	95.4	95.7	95.6	87.7	86.1	80.6	8820	7779	19131
1750	3600	2300	5812	3578	50.0	372	2311	G	95.4	95.7	95.5	92.3	92.8	91.8	2569	1582	5750
1750	1800	2300	6811	1787	69.0	379	2339	G	95.0	95.1	94.5	90.9	90.7	88.1	5143	3444	11748
1750	1200	2300	6813	1190	71.0	381	2387	G	95.3	95.6	95.5	90.2	90.2	87.5	7720	6344	16001
1750	900	2300	8010	894	108	395	2380	G	95.3	95.5	95.0	86.5	85.0	79.5	10278	7770	21442
2000	3600	2300	5812	3583	104	439	2705	G	94.7	94.4	93.2	90.0	88.7	84.2	2931	1945	6969
2000	1800	2300	6813	1787	74.0	431	2667	G	95.2	95.2	94.7	91.2	91.3	89.1	5879	4106	13222
2000	1200	2300	8010	1193	134	453	2844	G	95.5	95.4	94.7	86.5	84.4	77.9	8801	6139	20167
2000	900	2300	8010	894	123	452	2790	G	95.6	95.7	95.3	86.6	85.1	79.4	11743	9184	25016

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### TEAAC ENCLOSURE

60 Hertz – 2300 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
2250	3600	2300	6811	3584	117	491	3128	G	95.0	94.7	93.7	90.2	88.9	84.5	3297	2303	8047
2250	1800	2300	6813	1786	78.0	483	2975	G	95.4	95.5	95.1	91.4	91.6	89.7	6615	4739	14806
2250	1200	2300	8010	1193	149	510	3162	G	95.6	95.6	95.0	86.4	84.4	78.0	9902	6862	22439
2250	900	2300	8012	894	138	507	3181	G	95.7	95.9	95.5	86.7	85.2	79.5	13209	10652	28436
2500	3600	2300	6813	3582	108	538	3275	G	95.4	95.2	94.2	91.2	90.5	87.3	3665	2516	9434
2500	1800	2300	6813	1786	83.0	534	3305	G	95.8	95.9	95.5	91.5	91.8	90.1	7350	5378	15552
2500	1200	2300	8012	1193	157	560	3522	G	96.0	96.0	95.3	87.0	85.2	79.2	11001	7851	24891
2500	900	2300	8012	894	145	558	3472	G	96.1	96.2	95.8	87.2	85.9	80.7	14678	11850	31097
3000	3600	2300	6813	3582	131	644	3968	G	95.7	95.6	94.8	91.1	90.4	87.0	4398	3098	10153
3000	1800	2300	6813	1788	115	643	4006	G	96.1	96.3	96.0	90.8	90.7	88.3	8813	5925	19909
3000	1200	2300	8012	1193	178	668	4140	G	96.2	96.2	95.7	87.4	85.9	80.4	13203	9494	28946
3500	3600	2300	6813	3582	143	748	4570	G	95.9	95.8	95.2	91.5	91.0	88.0	5132	3744	11630
3500	1800	2300	8010	1791	115	748	4660	G	95.8	95.7	95.0	91.4	91.8	90.2	10261	5993	21545
3500	1200	2300	8012	1193	211	777	5035	G	96.4	96.4	95.9	87.5	85.8	80.0	15400	11850	35094
4000	3600	2300	6813	3582	150	848	5192	G	96.1	96.1	95.6	91.9	91.6	89.1	5865	4364	13128
4000	1800	2300	8012	1791	123	854	5184	G	96.0	95.9	95.3	91.3	91.9	90.7	11730	6851	24165
4500	3600	2300	8010	3587	253	987	6177	G	95.7	95.4	94.3	89.3	87.6	82.4	6589	4103	15074
4500	1800	2300	8012	1791	140	957	6049	G	96.2	96.2	95.6	91.5	92.0	90.7	13193	8133	28141
5000	3600	2300	8010	3587	262	1086	6889	G	95.8	95.6	94.6	90.0	88.6	83.9	7321	4778	16914
5000	1800	2300	8012	1791	146	1063	6527	G	96.2	96.3	95.8	91.5	92.2	91.1	14663	9066	30286
5500	3600	2300	8012	3587	259	1179	7738	G	96.1	95.9	95.0	91.0	89.9	85.9	8053	5112	18974
6000	3600	2300	8012	3586	242	1275	8000	G	96.2	96.0	95.3	91.7	91.2	88.2	8787	5409	19660

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### TEAAC ENCLOSURE

60 Hertz - 4000 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
300	900	4000	588	889	16.0	42.0	256	G	93.2	93.4	92.9	81.6	78.1	69.2	1770	1780	4050
350	900	4000	588	889	18.0	49.0	304	G	93.4	93.7	93.2	81.8	78.4	69.7	2065	2200	4820
400	900	4000	5810	890	20.0	56.0	352	G	93.7	94.0	93.5	82.0	78.8	70.1	2360	2615	5590
450	1200	4000	588	1184	14.0	59.0	365	G	93.9	94.2	94.0	87.0	86.7	82.2	1995	1915	4200
450	900	4000	5810	890	22.0	62.0	399	G	93.9	94.2	93.8	82.2	79.1	70.6	2655	3030	6360
500	3600	4000	588	3573	12.0	62.0	391	G	93.8	93.5	92.4	92.4	91.7	88.3	735	555	1660
500	1200	4000	5810	1183	15.0	65.0	409	G	93.9	94.3	94.2	87.9	87.3	83.4	2220	2055	4460
500	900	4000	5810	890	24.0	69.0	447	G	94.1	94.5	94.1	82.4	79.4	71.0	2950	3450	7125
600	3600	4000	588	3572	14.0	73.0	465	G	94.1	93.9	92.8	92.7	92.1	89.0	880	680	1980
600	1800	4000	588	1775	15.0	76.0	490	G	93.5	93.6	92.8	91.4	90.9	87.8	1775	1905	4360
600	1200	4000	5810	1185	17.0	78.0	483	G	94.3	94.8	94.8	88.1	87.7	84.1	2660	2425	5760
600	900	4000	5812	889	29.0	83.0	513	G	94.4	94.7	94.4	82.4	79.5	71.2	3540	4200	8060
700	3600	4000	588	3573	15.0	85.0	539	G	94.4	94.3	93.4	93.1	92.6	89.9	1030	800	2290
700	1800	4000	5810	1776	16.0	88.0	560	G	93.9	94.0	93.3	91.2	90.9	88.1	2070	2015	4790
700	1200	4000	5810	1187	18.0	90.0	567	G	94.6	95.2	95.3	88.3	88.1	84.8	3095	2795	7055
700	900	4000	5812	890	33.0	97.0	578	G	94.6	94.9	94.6	82.3	79.5	71.4	4130	4950	8995
800	3600	4000	588	3572	19.0	98.0	612	G	94.6	94.6	93.9	93.2	92.7	89.9	1175	895	2580
800	1800	4000	5810	1775	18.0	101	629	G	94.2	94.4	93.8	91.0	90.9	88.4	2360	2125	5220
800	1200	4000	5812	1187	21.0	103	622	G	94.8	95.4	95.5	88.4	88.3	85.1	3540	3325	7240
800	900	4000	6811	892	30.0	105	615	G	94.6	94.9	94.5	86.5	94.6	78.5	4707	3525	9727
900	3600	4000	5810	3572	19.0	110	687	G	94.7	94.8	94.1	93.0	92.6	89.8	1325	975	2990
900	1800	4000	5810	1776	19.0	113	699	G	94.6	94.8	94.3	90.8	90.9	88.6	2650	2235	5651
900	1200	4000	5812	1187	23.0	115	708	G	94.9	95.5	95.7	88.4	88.4	85.3	3980	3855	7425
900	900	4000	6811	892	33.0	118	725	G	94.7	94.9	94.6	86.9	85.0	78.9	5295	4384	11313
1000	3600	4000	5810	3573	19.0	122	762	G	94.9	95.0	94.4	93.1	92.9	91.4	1470	1050	3400
1000	1800	4000	5810	1785	21.0	125	768	G	94.9	95.2	94.8	90.6	90.9	88.9	2940	2345	6080
1000	1200	4000	5812	1188	26.0	128	781	G	95.1	95.7	95.8	88.4	91.8	83.8	4420	4815	9280
1000	900	4000	6811	892	35.0	130	766	G	94.9	95.2	95.0	87.1	85.6	80.1	5884	4575	12047
1250	3600	4000	5810	3572	23.0	150	920	G	95.4	95.6	95.4	94.3	94.1	92.1	1840	1370	3940
1250	1800	4000	5810	1785	27.0	156	992	G	95.2	95.4	95.1	90.5	90.6	88.4	3680	3095	8385
1250	1200	4000	6813	1191	31.0	157	983	G	95.0	95.3	94.9	90.1	89.8	86.8	5512	4271	11960
1250	900	4000	6813	893	42.0	161	993	G	95.2	95.5	95.4	87.6	86.2	80.8	7353	6234	15472
1500	3600	4000	5812	3577	25.0	181	1125	G	95.6	95.8	95.6	93.8	94.0	92.5	2205	1475	4845
1500	1800	4000	5812	1787	35.0	187	1158	G	94.8	94.8	94.0	90.9	90.7	88.0	4409	2921	10170
1500	1200	4000	6813	1190	34.0	188	1143	G	95.1	95.4	95.3	90.2	90.2	87.7	6618	5158	13824
1500	900	4000	6813	893	51.0	193	1227	G	95.4	95.7	95.6	87.7	86.1	80.6	8820	7779	19131
1750	3600	4000	5812	3578	29.0	214	1329	G	95.4	95.7	95.5	92.3	92.8	91.8	2569	1582	5750
1750	1800	4000	6811	1787	40.0	218	1345	G	95.0	95.1	94.5	90.9	90.7	88.1	5143	3444	11748
1750	1200	4000	6813	1190	41.0	219	1373	G	95.3	95.6	95.5	90.2	90.2	87.5	7720	6344	16001
1750	900	4000	8010	894	62.0	227	1368	G	95.3	95.5	95.0	86.5	85.0	79.5	10278	7770	21442
2000	3600	4000	5812	3583	60.0	253	1555	G	94.7	94.4	93.2	90.0	88.7	84.2	2931	1945	6969
2000	1800	4000	6813	1787	42.0	248	1533	G	95.2	95.2	94.7	91.2	91.3	89.1	5879	4106	13222
2000	1200	4000	8010	1193	77.0	261	1635	G	95.5	95.4	94.7	86.5	84.4	77.9	8801	6139	20167
2000	900	4000	8010	894	71.0	260	1604	G	95.6	95.7	95.3	86.6	85.1	79.4	11743	9184	25016

**Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706**

**TEAAC ENCLOSURE**

**60 Hertz - 4000 Volt**

**AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient**

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
2250	3600	4000	6811	3584	67.0	282	1799	G	95.0	94.7	93.7	90.2	88.9	84.5	3297	2303	8047
2250	1800	4000	6813	1786	45.0	277	1711	G	95.4	95.5	95.1	91.4	91.6	89.7	6615	4739	14806
2250	1200	4000	8010	1193	86.0	293	1818	G	95.6	95.6	95.0	86.4	84.4	78.0	9902	6862	22439
2250	900	4000	8012	894	80.0	292	1829	G	95.7	95.9	95.5	86.7	85.2	79.5	13209	10652	28436
2500	3600	4000	6813	3582	62.0	309	1883	G	95.4	95.2	94.2	91.2	90.5	87.3	3665	2516	8434
2500	1800	4000	6813	1786	48.0	307	1900	G	95.8	95.9	95.5	91.5	91.8	90.1	7350	5378	15552
2500	1200	4000	8012	1193	90.0	322	2025	G	96.0	96.0	95.3	87.0	85.2	79.2	11001	7851	24891
2500	900	4000	8012	894	83.0	321	1997	G	96.1	96.2	95.8	87.2	85.9	80.7	14678	11850	31097
3000	3600	4000	6813	3582	76.0	370	2281	G	95.7	95.6	94.8	91.1	90.4	87.0	4398	3098	10153
3000	1800	4000	6813	1788	66.0	370	2303	G	96.1	96.3	96.0	90.8	90.7	88.3	8813	5925	19909
3000	1200	4000	8012	1193	102	384	2380	G	96.2	96.2	95.7	87.4	85.9	80.4	13203	9494	28946
3500	3600	4000	6813	3582	82.0	430	2628	G	95.9	95.8	95.2	91.5	91.0	88.0	5132	3744	11630
3500	1800	4000	8010	1791	66.0	430	2680	G	95.8	95.7	95.0	91.4	91.8	90.2	10261	5993	21545
3500	1200	4000	8012	1193	122	447	2895	G	96.4	96.4	95.9	87.5	85.8	80.0	15400	11850	35094
4000	3600	4000	6813	3582	86.0	487	2985	G	96.1	96.1	95.6	91.9	91.6	89.1	5865	4364	13128
4000	1800	4000	8012	1791	71.0	491	2981	G	96.0	95.9	95.3	91.3	91.9	90.7	11730	6851	24165
4500	3600	4000	8010	3587	146	567	3552	G	95.7	95.4	94.3	89.3	87.6	82.4	6589	4103	15074
4500	1800	4000	8012	1791	80.0	550	3478	G	96.2	96.2	95.6	91.5	92.0	90.7	13193	8133	28141
5000	3600	4000	8010	3587	150	625	3961	G	95.8	95.6	94.6	90.0	88.6	83.9	7321	4778	16914
5000	1800	4000	8012	1791	84.0	611	3753	G	96.2	96.3	95.8	91.5	92.2	91.1	14663	9066	30286
5500	3600	4000	8012	3587	149	678	4450	G	96.1	95.9	95.0	91.0	89.9	85.9	8053	5112	18974
6000	3600	4000	8012	3586	139	733	4600	G	96.2	96.0	95.3	91.7	91.2	88.2	8787	5409	19660
7000	3600	4000	8012	3587	178	854	5728	G	96.4	96.3	95.6	91.5	90.6	86.9	10247	6603	23960

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### ODP ENCLOSURE 50 Hertz – 3300 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
200	3000	3300	508	2970	11.0	32.5	210	G	94.0	94.2	93.6	85.5	82.4	74.5	354	285	850
200	1000	3300	508	980	11.0	33.5	210	G	92.6	93.3	93.3	84.1	81.6	74.1	1072	1072	2165
200	750	3300	508	736	16.0	36.0	203	G	92.5	93.2	93.0	78.3	72.9	61.5	1427	2014	3416
250	3000	3300	508	2970	15.0	41.5	260	G	93.9	94.1	93.6	83.7	80.1	71.0	442	330	975
250	1500	3300	508	1480	14.0	42.0	265	G	93.3	93.7	93.4	83.3	80.3	72.2	887	710	1915
250	1000	3300	508	980	12.0	41.0	255	G	92.9	93.7	94.0	85.7	83.7	77.3	1340	1400	2680
250	750	3300	5010	736	19.3	44.5	254	G	92.9	93.5	93.5	78.9	73.7	62.6	1784	3775	4299
300	3000	3300	508	2965	13.0	48.0	300	G	94.2	94.7	94.5	86.6	84.6	78.7	532	400	1150
300	1500	3300	508	1480	17.0	50.0	325	G	93.8	94.2	93.8	83.5	80.2	71.8	1065	905	2475
300	1000	3300	508	980	14.0	49.0	310	G	92.9	93.8	94.1	86.0	84.1	77.8	1608	1710	3220
300	750	3300	5010	741	26.0	54.6	339	H	93.6	93.9	93.4	76.6	70.5	58.5	2124	3206	5143
350	3000	3300	508	2965	19.5	57.5	360	G	93.9	94.2	93.9	84.6	81.4	73.2	620	500	1345
350	1500	3300	508	1480	19.0	57.5	370	G	93.9	94.3	94.1	84.6	81.7	73.9	1242	1055	2800
350	1000	3300	508	980	16.0	57.0	355	G	93.3	94.2	94.5	85.9	84.3	78.2	1875	2175	3750
400	3000	3300	508	2965	19.0	63.0	400	G	94.6	95.0	94.9	87.6	85.4	78.9	709	570	1550
400	1500	3300	508	1480	22.0	66.5	410	G	93.7	94.3	94.2	83.8	81.0	73.2	1419	1135	2950
400	1000	3300	508	980	18.0	65.0	416	G	93.4	94.2	94.5	86.0	84.2	78.1	2143	2400	4420
450	3000	3300	508	2965	18.0	69.5	450	G	94.9	95.3	95.4	89.0	87.3	82.0	797	675	1800
450	1500	3300	508	1480	24.0	73.0	465	G	94.2	94.7	94.6	85.2	82.5	75.0	1597	1360	3500
450	1000	3300	5010	980	19.0	73.0	460	G	93.2	94.2	94.6	86.3	84.9	79.3	2411	2685	4825
500	3000	3300	508	2965	23.0	79.0	510	G	94.8	95.2	95.1	87.1	84.8	78.0	886	710	1995
500	1500	3300	508	1480	25.0	81.0	520	G	94.2	94.9	94.8	85.3	82.8	75.6	1774	1600	3725
500	1000	3300	5010	980	20.5	80.5	520	G	93.5	94.4	94.9	87.0	85.6	80.2	2679	3100	5480
600	3000	3300	508	2960	28.5	96.0	580	G	94.6	95.2	95.3	86.2	84.0	77.2	1065	800	2210
600	1500	3300	5010	1480	27.0	96.5	600	G	94.2	94.8	94.9	86.2	84.5	78.5	2129	1810	4350
600	1000	3300	588	985	24.0	96.0	620	G	93.8	94.5	94.7	87.0	85.7	80.6	3198	3370	6750
700	3000	3300	5010	2965	31.0	110	700	G	94.8	95.4	95.5	87.6	85.4	79.0	1240	1000	2730
700	1500	3300	5010	1480	31.5	113	730	G	94.5	95.1	95.2	85.5	83.7	77.5	2484	2235	5240
700	1000	3300	5810	985	30.0	113	730	G	94.0	94.7	94.9	86.0	84.5	78.8	3731	4120	8110
800	3000	3300	5010	2960	30.0	124	780	G	95.0	95.6	95.8	88.6	87.4	82.6	1419	2370	6270
800	1500	3300	5810	1480	30.0	123	795	G	94.5	95.0	92.0	89.8	88.5	83.9	2838	2838	6985
800	1000	3300	5810	985	35.0	129	835	G	94.1	94.8	95.0	86.0	84.3	78.3	4264	5020	9635
900	3000	3300	5010	2965	34.0	138	895	G	95.1	95.7	95.8	89.5	87.9	82.7	1594	1355	3625
900	1500	3300	5810	1480	28.0	137	890	G	94.6	95.1	95.1	90.6	90.0	86.6	3193	3193	7600
900	1000	3300	5812	985	36.0	143	925	G	94.1	94.8	95.2	87.3	86.1	81.0	4797	5625	10465
1000	3000	3300	5010	2975	31.0	149	965	G	95.2	95.6	95.5	92.0	91.2	87.8	1765	1410	3885
1000	1500	3300	5810	1480	30.0	151	980	G	94.7	95.2	95.2	91.3	90.7	87.5	3548	3548	8635
1000	1000	3300	5812	985	40.0	158	1020	G	94.5	95.2	95.5	87.4	86.2	81.2	5330	6370	11580

**Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706**

**ODP ENCLOSURE**  
**50 Hertz – 6000 Volt**

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
300	1500	6000	508	1480	9.0	27.0	170	G	93.1	93.7	93.6	85.7	83.0	75.5	1065	850	2245
350	1500	6000	508	1480	10.0	31.5	200	G	93.3	93.9	93.9	85.5	82.9	75.4	1242	1000	2610
400	3000	6000	508	2965	12.0	36.0	230	G	93.5	94.1	94.1	85.3	82.3	74.2	709	570	1550
400	1500	6000	5010	1480	11.5	36.0	234	G	93.5	94.0	93.9	85.3	82.7	75.2	1419	1270	3100
450	3000	6000	508	2965	11.0	39.0	250	G	93.9	94.5	94.7	88.2	86.0	79.8	797	640	1785
450	1500	6000	5010	1480	11.5	40.0	257	G	93.8	94.4	94.5	86.1	84.2	78.0	1597	1360	3400
500	3000	6000	5010	2965	13.5	44.0	283	G	94.0	94.6	94.7	86.8	84.2	77.1	886	735	1995
500	1500	6000	5010	1480	12.5	44.0	285	G	93.9	94.5	94.7	86.9	85.1	79.0	1774	1600	3750
600	3000	6000	5010	2960	16.0	53.0	318	G	93.9	94.6	94.8	86.5	84.1	77.3	1065	800	2250
600	1500	6000	5010	1480	14.5	53.0	340	G	93.9	94.6	94.8	86.6	84.9	79.1	2129	1810	4400
700	3000	6000	5010	2965	19.5	62.0	400	G	94.4	95.0	95.0	85.5	83.0	75.4	1240	1000	2730
700	1500	6000	5810	1480	18.0	62.0	400	G	93.5	94.1	94.1	86.7	84.9	78.7	2484	2235	5635
800	3000	6000	5810	2975	14.0	66.0	425	G	94.8	95.1	94.9	91.7	90.9	87.5	1412	1230	3210
800	1500	6000	5810	1480	19.0	66.0	428	G	94.3	94.9	95.1	92.3	91.9	89.1	2838	2838	6830
900	3000	6000	5810	2970	14.0	74.0	480	G	94.8	95.2	95.1	92.1	91.7	89.0	1591	1355	3475
900	1500	6000	5810	1485	22.0	78.0	505	G	94.8	95.2	95.1	87.4	85.9	79.6	3182	2705	7780
1000	3000	6000	5810	2970	15.0	82.0	530	G	94.6	95.1	95.1	92.5	92.1	89.5	1768	1475	3720
1000	1500	6000	5810	1485	21.0	85.0	550	G	94.8	95.2	95.2	89.1	87.8	83.0	3536	3005	8645



## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WPI ENCLOSURE 50 Hertz – 3300 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
200	3000	3300	508	2970	11.0	32.5	210	G	94.0	94.2	93.6	85.5	82.4	74.5	354	285	850
200	1000	3300	508	980	11.0	33.5	210	G	92.6	93.3	93.3	84.1	81.6	74.1	1072	1072	2165
200	750	3300	508	736	16.0	36.0	203	G	92.5	93.2	93.0	78.3	72.9	61.5	1427	2014	3416
250	3000	3300	508	2970	15.0	41.5	260	G	93.9	94.1	93.6	83.7	80.1	71.0	442	330	975
250	1500	3300	508	1480	14.0	42.0	265	G	93.3	93.7	93.4	83.3	80.3	72.2	887	710	1915
250	1000	3300	508	980	12.0	41.0	255	G	92.9	93.7	94.0	85.7	83.7	77.3	1340	1400	2680
250	750	3300	5010	736	19.3	44.5	254	G	92.9	93.5	93.5	78.9	73.7	62.6	1784	3775	4299
300	3000	3300	508	2965	13.0	48.0	300	G	94.2	94.7	94.5	86.6	84.6	78.7	532	400	1150
300	1500	3300	508	1480	17.0	50.0	325	G	93.8	94.2	93.8	83.5	80.2	71.8	1065	905	2475
300	1000	3300	508	980	14.0	49.0	310	G	92.9	93.8	94.1	86.0	84.1	77.8	1608	1710	3220
300	750	3300	5010	741	26.0	54.6	339	H	93.6	93.9	93.4	76.6	70.5	58.5	2124	3206	5143
350	3000	3300	508	2965	19.5	57.5	360	G	93.9	94.2	93.9	84.6	81.4	73.2	620	500	1345
350	1500	3300	508	1480	19.0	57.5	370	G	93.9	94.3	94.1	84.6	81.7	73.9	1242	1055	2800
350	1000	3300	508	980	16.0	57.0	355	G	93.3	94.2	94.5	85.9	84.3	78.2	1875	2175	3750
400	3000	3300	508	2965	19.0	63.0	400	G	94.6	95.0	94.9	87.6	85.4	78.9	709	570	1550
400	1500	3300	508	1480	22.0	66.5	410	G	93.7	94.3	94.2	83.8	81.0	73.2	1419	1135	2950
400	1000	3300	508	980	18.0	65.0	416	G	93.4	94.2	94.5	86.0	84.2	78.1	2143	2400	4420
450	3000	3300	508	2965	18.0	69.5	450	G	94.9	95.3	95.4	89.0	87.3	82.0	797	675	1800
450	1500	3300	508	1480	24.0	73.0	465	G	94.2	94.7	94.6	85.2	82.5	75.0	1597	1360	3500
450	1000	3300	5010	980	19.0	73.0	460	G	93.2	94.2	94.6	86.3	84.9	79.3	2411	2685	4825
500	3000	3300	508	2965	23.0	79.0	510	G	94.8	95.2	95.1	87.1	84.8	78.0	886	710	1995
500	1500	3300	508	1480	25.0	81.0	520	G	94.2	94.9	94.8	85.3	82.8	75.6	1774	1600	3725
500	1000	3300	5010	980	20.5	80.5	520	G	93.5	94.4	94.9	87.0	85.6	80.2	2679	3100	5480
600	3000	3300	508	2960	28.5	96.0	580	G	94.6	95.2	95.3	86.2	84.0	77.2	1065	800	2210
600	1500	3300	5010	1480	27.0	96.5	600	G	94.2	94.8	94.9	86.2	84.5	78.5	2129	1810	4350
600	1000	3300	588	985	24.0	96.0	620	G	93.8	94.5	94.7	87.0	85.7	80.6	3198	3370	6750
700	3000	3300	5010	2965	31.0	110	700	G	94.8	95.4	95.5	87.6	85.4	79.0	1240	1000	2730
700	1500	3300	5010	1480	31.5	113	730	G	94.5	95.1	95.2	85.5	83.7	77.5	2484	2235	5240
700	1000	3300	5810	985	30.0	113	730	G	94.0	94.7	94.9	86.0	84.5	78.8	3731	4120	8110
800	3000	3300	5010	2960	30.0	124	780	G	95.0	95.6	95.8	88.6	87.4	82.6	1419	2370	6270
800	1500	3300	5810	1480	30.0	123	795	G	94.5	95.0	92.0	89.8	88.5	83.9	2838	2838	6985
800	1000	3300	5810	985	35.0	129	835	G	94.1	94.8	95.0	86.0	84.3	78.3	4264	5020	9635
900	3000	3300	5010	2965	34.0	138	895	G	95.1	95.7	95.8	89.5	87.9	82.7	1594	1355	3625
900	1500	3300	5810	1480	28.0	137	890	G	94.6	95.1	95.1	90.6	90.0	86.6	3193	3193	7600
900	1000	3300	5812	985	36.0	143	925	G	94.1	94.8	95.2	87.3	86.1	81.0	4797	5625	10465
1000	3000	3300	5010	2975	31.0	149	965	G	95.2	95.6	95.5	92.0	91.2	87.8	1765	1410	3885
1000	1500	3300	5810	1480	30.0	151	980	G	94.7	95.2	95.2	91.3	90.7	87.5	3548	3548	8635
1000	1000	3300	5812	985	40.0	158	1020	G	94.5	95.2	95.5	87.4	86.2	81.2	5330	6370	11580

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WPI ENCLOSURE 50 Hertz – 6000 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
300	1500	6000	508	1480	9.0	27.0	170	G	93.1	93.7	93.6	85.7	83.0	75.5	1065	850	2245
350	1500	6000	508	1480	10.0	31.5	200	G	93.3	93.9	93.9	85.5	82.9	75.4	1242	1000	2610
400	3000	6000	508	2965	12.0	36.0	230	G	93.5	94.1	94.1	85.3	82.3	74.2	709	570	1550
400	1500	6000	5010	1480	11.5	36.0	234	G	93.5	94.0	93.9	85.3	82.7	75.2	1419	1270	3100
450	3000	6000	508	2965	11.0	39.0	250	G	93.9	94.5	94.7	88.2	86.0	79.8	797	640	1785
450	1500	6000	5010	1480	11.5	40.0	257	G	93.8	94.4	94.5	86.1	84.2	78.0	1597	1360	3400
500	3000	6000	5010	2965	13.5	44.0	283	G	94.0	94.6	94.7	86.8	84.2	77.1	886	735	1995
500	1500	6000	5010	1480	12.5	44.0	285	G	93.9	94.5	94.7	86.9	85.1	79.0	1774	1600	3750
600	3000	6000	5010	2960	16.0	53.0	318	G	93.9	94.6	94.8	86.5	84.1	77.3	1065	800	2250
600	1500	6000	5010	1480	14.5	53.0	340	G	93.9	94.6	94.8	86.6	84.9	79.1	2129	1810	4400
700	3000	6000	5010	2965	19.5	62.0	400	G	94.4	95.0	95.0	85.5	83.0	75.4	1240	1000	2730
700	1500	6000	5810	1480	18.0	62.0	400	G	93.5	94.1	94.1	86.7	84.9	78.7	2484	2235	5635
800	3000	6000	5810	2975	14.0	66.0	425	G	94.8	95.1	94.9	91.7	90.9	87.5	1412	1230	3210
800	1500	6000	5810	1480	19.0	66.0	428	G	94.3	94.9	95.1	92.3	91.9	89.1	2838	2838	6830
900	3000	6000	5810	2970	14.0	74.0	480	G	94.8	95.2	95.1	92.1	91.7	89.0	1591	1355	3475
900	1500	6000	5810	1485	22.0	78.0	505	G	94.8	95.2	95.1	87.4	85.9	79.6	3182	2705	7780
1000	3000	6000	5810	2970	15.0	82.0	530	G	94.6	95.1	95.1	92.5	92.1	89.5	1768	1475	3720
1000	1500	6000	5810	1485	21.0	85.0	550	G	94.8	95.2	95.2	89.1	87.8	83.0	3536	3005	8645

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WPII ENCLOSURE 50 Hertz - 3300 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
200	3000	3300	508	2970	11.0	32.5	210	G	94.0	94.2	93.6	85.5	82.4	74.5	354	285	850
200	1000	3300	508	980	11.0	33.5	210	G	92.6	93.3	93.3	84.1	81.6	74.1	1072	1072	2165
200	750	3300	508	736	16.0	36.0	203	G	92.5	93.2	93.0	78.3	72.9	61.5	1427	2014	3416
250	3000	3300	508	2970	15.0	41.5	260	G	93.9	94.1	93.6	83.7	80.1	71.0	442	330	975
250	1500	3300	508	1480	14.0	42.0	265	G	93.3	93.7	93.4	83.3	80.3	72.2	887	710	1915
250	1000	3300	508	980	12.0	41.0	255	G	92.9	93.7	94.0	85.7	83.7	77.3	1340	1400	2680
250	750	3300	5010	736	19.3	44.5	254	G	92.9	93.5	93.5	78.9	73.7	62.6	1784	3775	4299
300	3000	3300	508	2965	13.0	48.0	300	G	94.2	94.7	94.5	86.6	84.6	78.7	532	400	1150
300	1500	3300	508	1480	17.0	50.0	325	G	93.8	94.2	93.8	83.5	80.2	71.8	1065	905	2475
300	1000	3300	508	980	14.0	49.0	310	G	92.9	93.8	94.1	86.0	84.1	77.8	1608	1710	3220
300	750	3300	5010	741	26.0	54.6	339	H	93.6	93.9	93.4	76.6	70.5	58.5	2124	3206	5143
350	3000	3300	508	2965	19.5	57.5	360	G	93.9	94.2	93.9	84.6	81.4	73.2	620	500	1345
350	1500	3300	508	1480	19.0	57.5	370	G	93.9	94.3	94.1	84.6	81.7	73.9	1242	1055	2800
350	1000	3300	508	980	16.0	57.0	355	G	93.3	94.2	94.5	85.9	84.3	78.2	1875	2175	3750
400	3000	3300	508	2965	19.0	63.0	400	G	94.6	95.0	94.9	87.6	85.4	78.9	709	570	1550
400	1500	3300	508	1480	22.0	66.5	410	G	93.7	94.3	94.2	83.8	81.0	73.2	1419	1135	2950
400	1000	3300	508	980	18.0	65.0	416	G	93.4	94.2	94.5	86.0	84.2	78.1	2143	2400	4420
450	3000	3300	508	2965	18.0	69.5	450	G	94.9	95.3	95.4	89.0	87.3	82.0	797	675	1800
450	1500	3300	508	1480	24.0	73.0	465	G	94.2	94.7	94.6	85.2	82.5	75.0	1597	1360	3500
450	1000	3300	5010	980	19.0	73.0	460	G	93.2	94.2	94.6	86.3	84.9	79.3	2411	2685	4825
500	3000	3300	508	2965	23.0	79.0	510	G	94.8	95.2	95.1	87.1	84.8	78.0	886	710	1995
500	1500	3300	508	1480	25.0	81.0	520	G	94.2	94.9	94.8	85.3	82.8	75.6	1774	1600	3725
500	1000	3300	5010	980	20.5	80.5	520	G	93.5	94.4	94.9	87.0	85.6	80.2	2679	3100	5480
600	3000	3300	508	2960	28.5	96.0	580	G	94.6	95.2	95.3	86.2	84.0	77.2	1065	800	2210
600	1500	3300	5010	1480	27.0	96.5	600	G	94.2	94.8	94.9	86.2	84.5	78.5	2129	1810	4350
600	1000	3300	588	985	24.0	96.0	620	G	93.8	94.5	94.7	87.0	85.7	80.6	3198	3370	6750
700	3000	3300	5010	2965	31.0	110	700	G	94.8	95.4	95.5	87.6	85.4	79.0	1240	1000	2730
700	1500	3300	5010	1480	31.5	113	730	G	94.5	95.1	95.2	85.5	83.7	77.5	2484	2235	5240
700	1000	3300	5810	985	30.0	113	730	G	94.0	94.7	94.9	86.0	84.5	78.8	3731	4120	8110
800	3000	3300	5010	2960	30.0	124	780	G	95.0	95.6	95.8	88.6	87.4	82.6	1419	2370	6270
800	1500	3300	5810	1480	30.0	123	795	G	94.5	95.0	92.0	89.8	88.5	83.9	2838	2838	6985
800	1000	3300	5810	985	35.0	129	835	G	94.1	94.8	95.0	86.0	84.3	78.3	4264	5020	9635
900	3000	3300	5010	2965	34.0	138	895	G	95.1	95.7	95.8	89.5	87.9	82.7	1594	1355	3625
900	1500	3300	5810	1480	28.0	137	890	G	94.6	95.1	95.1	90.6	90.0	86.6	3193	3193	7600
900	1000	3300	5812	985	36.0	143	925	G	94.1	94.8	95.2	87.3	86.1	81.0	4797	5625	10465
1000	3000	3300	5010	2975	31.0	149	965	G	95.2	95.6	95.5	92.0	91.2	87.8	1765	1410	3885
1000	1500	3300	5810	1480	30.0	151	980	G	94.7	95.2	95.2	91.3	90.7	87.5	3548	3548	8635
1000	1000	3300	5812	985	40.0	158	1020	G	94.5	95.2	95.5	87.4	86.2	81.2	5330	6370	11580

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### WP11 ENCLOSURE 50 Hertz – 6000 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
300	1500	6000	508	1480	9.0	27.0	170	G	93.1	93.7	93.6	85.7	83.0	75.5	1065	850	2245
350	1500	6000	508	1480	10.0	31.5	200	G	93.3	93.9	93.9	85.5	82.9	75.4	1242	1000	2610
400	3000	6000	508	2965	12.0	36.0	230	G	93.5	94.1	94.1	85.3	82.3	74.2	709	570	1550
400	1500	6000	5010	1480	11.5	36.0	234	G	93.5	94.0	93.9	85.3	82.7	75.2	1419	1270	3100
450	3000	6000	508	2965	11.0	39.0	250	G	93.9	94.5	94.7	88.2	86.0	79.8	797	640	1785
450	1500	6000	5010	1480	11.5	40.0	257	G	93.8	94.4	94.5	86.1	84.2	78.0	1597	1360	3400
500	3000	6000	5010	2965	13.5	44.0	283	G	94.0	94.6	94.7	86.8	84.2	77.1	886	735	1995
500	1500	6000	5010	1480	12.5	44.0	285	G	93.9	94.5	94.7	86.9	85.1	79.0	1774	1600	3750
600	3000	6000	5010	2960	16.0	53.0	318	G	93.9	94.6	94.8	86.5	84.1	77.3	1065	800	2250
600	1500	6000	5010	1480	14.5	53.0	340	G	93.9	94.6	94.8	86.6	84.9	79.1	2129	1810	4400
700	3000	6000	5010	2965	19.5	62.0	400	G	94.4	95.0	95.0	85.5	83.0	75.4	1240	1000	2730
700	1500	6000	5810	1480	18.0	62.0	400	G	93.5	94.1	94.1	86.7	84.9	78.7	2484	2235	5635
800	3000	6000	5810	2975	14.0	66.0	425	G	94.8	95.1	94.9	91.7	90.9	87.5	1412	1230	3210
800	1500	6000	5810	1480	19.0	66.0	428	G	94.3	94.9	95.1	92.3	91.9	89.1	2838	2838	6830
900	3000	6000	5810	2970	14.0	74.0	480	G	94.8	95.2	95.1	92.1	91.7	89.0	1591	1355	3475
900	1500	6000	5810	1485	22.0	78.0	505	G	94.8	95.2	95.1	87.4	85.9	79.6	3182	2705	7780
1000	3000	6000	5810	2970	15.0	82.0	530	G	94.6	95.1	95.1	92.5	92.1	89.5	1768	1475	3720
1000	1500	6000	5810	1485	21.0	85.0	550	G	94.8	95.2	95.2	89.1	87.8	83.0	3536	3005	8645

**Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706**

**TEWAC ENCLOSURE**

**50 Hertz – 3300 Volt**

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
600	1000	3300	588	985	24.0	96.0	620	G	93.8	94.5	94.7	87.0	85.7	80.6	3198	3370	6750
700	1000	3300	5810	985	30.0	113	730	G	94.0	94.7	94.9	86.0	84.5	78.8	3731	4120	8110
800	1500	3300	5810	1480	30.0	123	795	G	94.5	95.0	92.0	89.8	88.5	83.9	2838	2838	6985
800	1000	3300	5810	985	35.0	129	835	G	94.1	94.8	95.0	86.0	84.3	78.3	4264	5020	9635
900	1500	3300	5810	1480	28.0	137	890	G	94.6	95.1	95.1	90.6	90.0	86.6	3193	3193	7600
900	1000	3300	5812	985	36.0	143	925	G	94.1	94.8	95.2	87.3	86.1	81.0	4797	5625	10465
1000	1500	3300	5810	1480	30.0	151	980	G	94.7	95.2	95.2	91.3	90.7	87.5	3548	3548	8635
1000	1000	3300	5812	985	40.0	158	1020	G	94.5	95.2	95.5	87.4	86.2	81.2	5330	6370	11580

**Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706**

**TEWAC ENCLOSURE**

**50 Hertz – 6000 Volt**

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
700	1500	6000	5810	1480	18.0	62.0	400	G	93.5	94.1	94.1	86.7	84.9	78.7	2484	2235	5635
800	3000	6000	5810	2975	14.0	66.0	425	G	94.8	95.1	94.9	91.7	90.9	87.5	1412	1230	3210
800	1500	6000	5810	1480	19.0	66.0	428	G	94.3	94.9	95.1	92.3	91.9	89.1	2838	2838	6830
900	3000	6000	5810	2970	14.0	74.0	480	G	94.8	95.2	95.1	92.1	91.7	89.0	1591	1355	3475
900	1500	6000	5810	1485	22.0	78.0	505	G	94.8	95.2	95.1	87.4	85.9	79.6	3182	2705	7780
1000	3000	6000	5810	2970	15.0	82.0	530	G	94.6	95.1	95.1	92.5	92.1	89.5	1768	1475	3720
1000	1500	6000	5810	1485	21.0	85.0	550	G	94.8	95.2	95.2	89.1	87.8	83.0	3536	3005	8645

## Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706

### TEFC ENCLOSURE 50 Hertz - 3300 Volt

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
200	1500	3300	509	1486	10.5	33.9	213	G	93.7	93.6	92.6	82.2	79.6	72.3	707	721	1683
200	1000	3300	509	987	15.7	35.4	218	G	93.7	94.0	93.5	78.7	73.4	62.3	1064	1873	2766
200	750	3300	5011	742	16.4	35.8	230	H	94.0	94.4	94.2	77.5	71.9	60.4	1416	2308	3554
250	3000	3300	509	2974	9.8	39.1	240	G	93.7	93.7	92.8	89.1	87.7	82.8	441	401	944
250	1500	3300	509	1487	12.4	41.8	257	G	94.4	94.5	93.9	82.6	80.3	73.4	883	830	2022
250	1000	3300	509	986	17.0	43.3	236	G	94.1	94.6	94.4	80.0	76.0	66.2	1332	1865	2997
250	750	3300	5013	742	33.0	53.7	267	G	94.4	94.6	94.2	64.5	56.4	43.4	1769	2047	4362
300	3000	3300	509	2974	11.0	46.3	291	G	94.1	94.1	93.3	89.8	88.6	84.1	530	498	1150
300	1500	3300	509	1487	17.2	51.4	320	G	94.4	94.5	93.8	80.7	77.6	69.4	1060	1039	2502
300	1000	3300	5011	988	22.6	52.4	322	G	94.4	94.7	94.5	79.1	74.1	63.2	1595	2600	4099
350	3000	3300	509	2974	11.4	53.5	332	G	94.4	94.5	93.8	90.5	89.7	86.0	618	575	1310
350	1500	3300	5011	1488	23.2	61.7	400	H	93.9	93.7	92.6	78.8	74.8	65.4	1235	1284	3075
350	1000	3300	5013	989	28.7	62.0	384	G	94.5	94.8	94.5	78.0	72.2	60.5	1859	2302	5040
400	3000	3300	5011	2975	12.8	60.7	389	G	94.7	94.8	94.2	90.8	90.0	86.3	706	685	1539
400	1500	3300	5011	1487	22.5	68.2	431	G	94.6	94.7	94.1	80.9	78.0	69.9	1413	1441	3335
400	1000	3300	5013	989	27.8	68.4	399	G	94.6	95.0	94.8	80.7	76.2	65.9	2124	2390	5296
450	3000	3300	5011	2973	12.4	67.8	410	G	94.9	95.1	94.7	91.3	91.0	88.3	795	723	1630
450	1500	3300	5011	1487	21.7	74.6	472	G	95.0	95.3	94.9	82.9	80.7	73.9	1589	1637	3686
500	3000	3300	5011	2974	14.0	75.0	476	G	95.1	95.3	94.9	91.5	91.1	88.2	883	848	1890
500	1500	3300	5013	1487	23.7	81.8	504	G	95.2	95.3	94.7	83.8	81.8	75.3	1766	1760	4031
600	3000	3300	5013	2968	16.8	90.0	593	G	95.4	95.8	95.7	91.3	90.8	87.8	1062	936	2719
600	1500	3300	5013	1486	26.1	97.1	586	F	95.4	95.5	95.0	84.6	83.0	77.3	2121	2106	4697

**Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706**

**TEFC ENCLOSURE**  
**50 Hertz – 6000 Volt**

AC Squirrel-Cage Induction  
 1.0 Service Factor  
 Class F Insulation  
 80 deg. C Rise by Resistance  
 40 deg. C Ambient

Typical Data - Not Guaranteed																	
HP	RPM	Voltage	Frame	FL RPM	NLA	FLA	LRA	KVA CODE	Efficiency			Power Factor			FLT (ft.lb)	LRT (ft.lb)	BDT (ft.lb)
									100%	75%	50%	100%	75%	50%			
250	3000	6000	5011	2977	4.1	20.8	144	G	93.7	93.7	92.7	92.0	91.2	88.0	441	450	1028
300	3000	6000	5011	2977	5.2	25.0	172	G	94.0	94.1	93.3	91.5	90.6	87.1	529	534	1222
300	1500	6000	5011	1488	8.1	27.4	182	H	94.5	94.7	94.3	83.3	80.9	73.9	1059	1091	2563
350	3000	6000	5011	2977	5.3	28.9	198	G	94.4	94.5	93.9	92.2	91.7	88.9	617	629	1407
350	1500	6000	5011	1489	10.7	32.4	224	H	94.5	94.7	94.1	82.1	78.9	70.8	1235	1359	3149
400	3000	6000	5013	2968	5.6	33.0	215	F	94.2	94.7	94.6	92.0	91.7	89.4	708	602	1772
400	1500	6000	5013	1488	11.4	36.4	239	G	94.5	94.6	94.0	83.6	80.9	73.5	1412	1478	3450
450	3000	6000	5013	2969	6.0	37.0	247	G	94.4	94.9	94.9	92.3	92.1	89.9	796	702	2032
450	1500	6000	5013	1488	13.0	40.9	272	G	94.7	94.8	94.3	83.4	80.6	73.0	1588	1699	3924
500	1500	6000	5013	1487	13.1	44.7	292	G	95.2	95.2	94.7	84.4	82.2	75.5	1766	1858	4226





*Performance Data for Horizontal Above NEMA Motors ANSS-61000-0706*

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