

TYPICAL PERFORMANCE DATA
XE PREMIUM ENERGY EFFICIENT : TEFC, TEFC-XEX, TEFC-XP
3 Phase - Continuous Duty - Normal Torque - Design B
1.15 S.F. - Class F Insulation

H.P.	RPM	FRAME SIZE	AMPERES @ 460V										EFFICIENCY					NEMA EFF.					POWER FACTOR					RPM	TORQUE LB.F.T.					PF CORR	PRESS @ 3 FT TYPICAL	PERFORMANCE DATA DESIGN NUMBER										
			LOAD					LOCKED					LOAD					NEMA EFF.					LOAD						FL								BO					PU				
			4/4	3/4	2/4	1/4	AMP/3 CODE	PU	BD	4/4	3/4	2/4	1/4	NOM	MIN	4/4	3/4	2/4	1/4	FL	BO	PU	FL	BO	PU	LR	FL		BO	PU	LR															
1.5	900	L182T	1.7	1.5	1.3	1.2	0.1	J	9.1	5.8	83.5	83.0	79.9	70.3	82.5	81.5	84.4	55.8	43.7	27.3	870	700	-	6.04	17.7	9.80	9.80	0.38	0.7	52	E1002A-B-002															
1.5	1200	L182T	2.2	1.8	1.5	1.3	15.5	K	15.0	9.8	86.6	86.8	85.1	77.8	86.5	85.5	75.2	67.4	54.0	34.0	1163	860	120	6.77	23.0	14.0	14.6	0.35	0.7	54	E1378A-B-005															
1.5	900	L184T	2.4	2.1	1.8	1.5	13.4	J	13.4	8.8	84.9	85.3	83.5	76.2	84.0	82.5	67.8	60.3	48.0	30.1	867	660	-	6.09	26.0	14.5	14.5	0.46	0.9	52	E1688A-B-002															
2	900	L213T	3.2	2.7	2.3	2.0	18.1	G	16.1	10.7	85.5	86.0	84.7	77.4	85.6	84.0	68.3	61.2	49.2	31.0	965	670	-	12.1	33.0	17.2	17.2	0.92	1.0	57	E1508A-B-002															
2	1200	L184T	2.6	2.3	1.9	1.7	20.0	J	19.0	13.0	87.5	87.9	86.7	80.2	87.5	86.5	70.2	68.0	55.5	34.7	1103	860	120	9.03	30.5	19.5	20.0	0.41	0.8	54	E1358A-B-004															
2	900	L213T	3.6	3.0	2.4	2.1	31.0	K	30.0	19.0	86.5	86.8	85.7	81.0	86.5	85.5	63.9	58.0	47.8	29.5	1170	950	100	13.5	45.4	22.5	24.0	0.92	1.0	58	E1450A-B-003															
3	900	L182T	4.2	3.5	2.9	2.5	31.0	K	30.0	19.0	86.5	86.7	85.5	82.4	86.5	85.5	74.5	67.8	55.8	34.9	1170	950	100	18.3	49.2	26.3	28.3	1.04	1.5	57	E1508A-B-002															
3	1200	L182T	4.7	3.9	3.2	2.8	24.3	H	24.3	15.9	85.7	86.3	85.0	78.3	85.6	84.0	70.3	63.2	51.2	32.1	961	670	-	12.1	33.0	17.2	17.2	0.92	1.0	57	E1508A-B-002															
3	900	L213T	4.2	3.5	2.9	2.5	31.0	K	30.0	19.0	86.5	86.7	85.5	82.4	86.5	85.5	74.5	67.8	55.8	34.9	1170	950	100	18.3	49.2	26.3	28.3	1.04	1.5	57	E1508A-B-002															
3	1200	L213T	4.7	3.9	3.2	2.8	24.3	H	24.3	15.9	85.7	86.3	85.0	78.3	85.6	84.0	70.3	63.2	51.2	32.1	961	670	-	12.1	33.0	17.2	17.2	0.92	1.0	57	E1508A-B-002															
5	900	L184T	6.0	4.8	3.3	2.9	45.0	J	44.0	20.0	86.1	86.2	85.0	80.9	86.5	85.0	60.2	57.4	43.1	26.8	1349	950	230	7.82	23.2	12.4	13.1	0.17	0.6	71	E1302A-A-002															
5	1200	L184T	6.6	4.7	3.5	2.9	45.0	J	43.0	27.0	89.0	90.0	89.7	85.3	89.5	87.5	60.4	63.4	52.4	34.0	1748	1400	200	15.0	43.8	29.0	31.0	0.48	1.0	83	E1361A-A-006															
5	900	L215T	6.8	5.5	4.4	3.8	46.0	J	44.0	28.0	89.6	90.3	89.7	85.1	89.5	88.5	77.0	71.3	60.0	38.4	1167	950	100	22.5	60.0	36.0	38.0	0.90	2.0	86	E1363F-F-005															
5	900	254T	7.2	6.0	5.0	4.3	46.0	J	45.0	26.9	89.9	89.8	89.3	82.0	89.5	88.5	72.5	65.5	53.4	33.3	883	781	180	20.7	95.0	42.0	48.0	-	-	-	E0925-B-E002															
7.5	900	L213T	8.5	6.8	4.9	3.3	63.0	H	62.0	40.0	90.3	91.2	91.1	86.1	90.2	89.5	92.1	89.1	82.1	64.2	3520	3000	250	11.2	33.0	19.8	20.3	0.35	0.8	72	E1364A-A-002															
7.5	1200	L213T	9.0	7.0	5.2	3.8	62.0	H	59.0	40.0	90.8	91.3	90.8	86.6	90.2	89.5	89.3	82.9	75.0	53.9	1762	1500	400	22.4	63.3	38.0	43.0	0.92	1.5	89	E1425A-B-005															
7.5	900	290T	9.0	7.0	5.2	3.8	62.0	H	60.0	39.9	90.3	90.8	90.2	85.8	90.2	89.5	79.7	73.4	61.8	39.4	1174	1015	240	35.8	100	60.0	60.0	2.40	3.0	90	E0902-A-A001															
7.5	900	290T	9.0	7.0	5.2	3.8	62.0	H	60.0	39.9	90.3	90.8	90.2	85.8	90.2	89.5	79.7	73.4	61.8	39.4	1174	1015	240	35.8	100	60.0	60.0	2.40	3.0	90	E0902-A-A001															
10	900	290T	11.1	8.5	6.0	3.7	81.0	H	80.0	52.0	91.1	92.2	92.6	90.3	91.0	90.2	93.6	92.6	88.1	75.0	3507	3000	250	15.0	45.3	25.3	27.3	0.51	0.7	72	E1355A-A-001															
10	1200	L215T	11.9	9.1	6.8	4.7	80.0	H	78.0	50.0	90.7	91.6	91.6	86.2	90.2	89.5	87.1	84.4	77.3	56.9	1756	1500	400	30.9	82.0	40.0	57.0	1.07	1.5	88	E0907-A-A002															
10	900	290T	12.7	10.1	7.9	6.3	78.0	G	78.4	49.3	91.1	91.8	91.6	88.0	91.0	90.2	91.2	87.7	80.5	42.5	1173	1025	240	44.8	122	78.0	86.0	3.30	4.0	90	E0903-A-A001															
10	900	294T	13.0	11.2	9.1	7.8	80.0	H	73.8	47.3	90.3	90.5	89.5	84.0	90.2	89.5	76.0	69.4	57.2	36.0	884	803	180	59.4	154	81.0	96.0	-	-	-	E0947-A-A001															
15	900	254T	16.8	12.8	9.2	6.1	116	G	114	70.9	92.4	92.8	92.2	88.4	92.4	91.7	90.4	88.8	82.9	65.0	3543	3246	720	22.2	60.0	35.0	41.0	1.10	2.0	71	E0906-A-A001															
15	1200	254T	17.8	13.6	9.9	7.0	116	G	109	65.9	92.5	92.9	92.4	88.7	92.4	91.7	85.3	83.3	78.8	56.6	1765	1630	720	44.8	116	78.0	85.0	2.20	3.5	65	W0077-A-A001															
15	900	290T	19.2	15.1	11.5	8.8	110	G	101	62.5	92.4	92.8	91.8	87.5	92.4	91.7	78.9	75.1	66.4	45.8	1182	1103	480	66.6	157	118	138	5.00	5.0	80	E0977-A-A001															
15	900	290T	20.1	16.3	13.2	11.1	116	G	113	69.1	92.7	93.2	92.6	88.0	92.6	91.9	80.2	76.5	67.7	58.1	863	804	180	89.2	225	135	145	-	-	-	E0942-A-A001															
20	900	250T	22.4	17.0	12.2	8.0	144	G	141	80.2	93.0	93.0	92.9	90.9	92.4	91.7	90.3	88.0	83.0	64.9	3536	3242	540	30.2	70.0	40.0	45.0	1.10	2.5	71	E0904-A-A002															
20	1200	250T	24.0	18.5	13.8	10.0	145	G	131	84.1	92.6	93.1	92.8	90.6	92.4	91.7	84.2	81.3	73.4	52.4	1781	1608	450	59.6	159	110	126	5.00	5.0	85	E0904-A-A002															
20	900	280T	25.6	20.0	15.2	11.8	142	G	126	78.2	92.4	92.3	92.3	88.5	92.4	91.7	79.0	76.0	66.9	45.9	1180	1103	420	89.0	207	125	147	5.00	5.0	80	E0907-A-A002															
20	900	324T	26.5	21.2	16.8	13.7	140	G	136	83.9	91.6	92.0	92.0	88.6	91.0	90.2	77.2	71.7	60.5	38.7	881	811	180	119	270	152	160	-	-	-	E09217-B-E001															
25	900	284T5	28.0	21.2	15.0	9.9	181	G	177	107	93.2	93.6	93.6	91.1	93.0	92.4	89.4	86.8	83.0	65.3	3540	3268	720	37.1	100	60.0	65.0	1.90	3.5	71	E0907-A-A001															
25	1200	284T5	29.7	22.5	16.2	11.2	181	G	170	98.0	93.6	94.2	94.1	91.7	93.6	93.0	84.3	82.8	78.9	57.0	1770	1600	720	74.1	185	130	145	3.50	6.0	85	E0907-A-A002															
25	900	329T	33.4	26.9	21.5	17.7	182	G	157	96.9	93.1	93.7	93.5	90.7	93.0	92.4	84.3	81.2	72.5	50.4	1181	1107	480	111	257	182	198	1.10	7.0	81	E0902-A-A002															
25	900	329T	33.4	26.9	21.5	17.7	182	G	157	96.9	93.1	93.7	93.5	90.7	93.0	92.4	84.3	81.2	72.5	50.4	1181	1107	480	111	257	182	198	1.10	7.0	81	E0902-A-A002															
30	900	280T5	33.7	25.2	17.8	11.4	217	G	213	120	93.2	93.9	93.9	91.8	93.0	92.4	89.5	86.8	84.9	67.4	3537	3264	720	44.5	120	70.0	78.0	1.90	5.0	71	E0906-A-A002															
30	1200	280T5	36.1	27.8	20.2	14.5	217	G	200	123	93.6	94.2	94.1	91.8	93.6	93.0	83.1	80.9	73.9	52.9	1767	1656	720	89.1	200	100	110	5.00	5.0	85	E0906-A-A002															
30	900	320T	35.8	27.5	19.1	14.4	216	G	191	120	93.6	94.2	94.0	91.5	93.6	93.0	83.1	80.9	73.9	52.9	1767	1656	720	89.1	200	100	110	5.00	5.0	85	E0906-A-A002															
30	900	304T	39.3	32.0	25.7	21.5	212	G	200	118	92.7	93.2	93.2	90.4	91.7	91.0	77.0	70.7	59.1	37.0	880	844	213	177	405	227	242	-	-	-	E09208-A-A001															
40	900	324T5	45.4	34.5	24.7	16.8	290	G	270	169	94.1	94.5	94.2	91.4	94.1	93.6	87.6	85.3	80.5	61.7	3558	3283	1440	59.0	155	60.0	65.0	3.70	7.5	72	E09274-A-A002															
40	1200	324T5	48.3	37.4	27.9	20.6	290	G	270	175	94.2	94.7	94.4	91.4	94.1	93.6	82.3	80.2																												