

THREE PHASE, TEFC SEVERE DUTY  
ENERGY EFFICIENT - ALL CAST IRON



eLINE Typical Performances

230 Volts @ 60 Hz

HP	NEMA Frame Size	RPM		TORQUE		[%]		460V			60 HZ					S.F.	NEMA Code Letter	NEMA Design	MAX KVAR	WK <sup>2</sup> Lb-Ft <sup>2</sup>	Net Weight Lbs	Bearing System					
		Syn.	Full Load	Locked Rotor	Break Down	Full Load	Locked Rotor	@ SF	GAR EFF	Nema Nominal					Power Factor [%]							DE	ODE				
										1/4 Load	2/4 Load	3/4 Load	4/4 Load	5/4 Load	1/4 Load							2/4 Load	3/4 Load	4/4 Load	5/5 Load		
1	143T	1800	1755	295	310	3	24	3.8	80.4	63.8	76.8	81	82.5	82.7	34	53	66	75	80	1.40	L	B	0.8	0.08	60	6205 2Z C3	6205 2Z C3
1	145T	1200	1155	180	290	3.2	16.2	4	77.7	66.2	76.8	79.7	80	79	33	52	65	73	78	1.40	H	B	0.9	0.13	61	6205 2Z C3	6205 2Z C3
1.5	143T	3600	3500	275	320	4	32.8	5.4	80.4	63.1	77.5	81.4	82.5	82.4	51	72	81	87	89	1.30	K	B	0.8	0.06	60	6205 2Z C3	6205 2Z C3
1.5	145T	1800	1745	265	370	4.2	31.8	5.4	82	69.6	80	83.2	84	83.5	38	59	71	79	83	1.40	K	B	1	0.09	63	6205 2Z C3	6205 2Z C3
1.5	182T	1200	1175	255	350	4.6	32.8	5.8	83.7	68.8	80.5	84.2	85.5	85.6	32	49	63	72	77	1.40	K	B	1.3	0.34	93	6306 2Z C3	6306 2Z C3
2	145T	3600	3505	280	325	5.2	44.4	6.8	82	72.6	81.4	83.8	84	83.3	51.6	71.8	82	87	91	1.40	K	B	1	0.06	66	6205 2Z C3	6205 2Z C3
2	145T	1800	1735	240	330	5.4	36.8	7.2	82	73.6	82	84	84	83.1	44	65	76	82	86	1.40	J	B	1.2	0.11	65	6205 2Z C3	6205 2Z C3
2	184T	1200	1165	210	270	5.8	35.2	7.4	84.8	77.2	85.8	87.1	86.5	85.3	34	55	67	74	78	1.30	H	B	1.6	0.4	107	6306 2Z C3	6306 2Z C3
3	182T	3600	3510	220	280	7.6	55.2	9.6	83.7	72.9	82.1	84.8	85.5	84.9	51	71	80	86	88	1.40	J	B	1.5	0.12	89	6306 2Z C3	6306 2Z C3
3	182T	1800	1745	260	380	7.8	61.6	9.4	85.9	76.9	85.1	87.3	87.5	86.9	43	64	76	82	85	1.30	K	B	1.8	0.24	100	6306 2Z C3	6306 2Z C3
3	213T	1200	1170	230	350	8.4	62	10.4	85.9	75.5	84.3	86.9	87.5	87	37	56	68	76	80	1.30	K	B	2.2	0.66	144	6308 2Z C3	6308 2Z C3
5	184T	3600	3500	225	280	12.4	88	16.4	85.9	80	86.3	87.8	87.5	86.7	58	75	85	87	90	1.40	H	B	2.4	0.2	115	6306 2Z C3	6306 2Z C3
5	184T	1800	1735	250	320	12.4	90	16	85.9	80.3	86.9	88.7	87.5	86.6	52	70	81	86	88	1.30	J	B	2.5	0.34	117	6306 2Z C3	6306 2Z C3
5	215T	1200	1155	190	250	13.2	80	16.8	85.9	81.9	87.2	88.4	87.5	85.7	44	66	76	82	84	1.30	H	B	3	0.82	165	6308 2Z C3	6308 2Z C3
7.5	213T	3600	3500	220	350	17.2	112	23	87	83.2	88.2	89	89.5	87	67	83	89	92	93	1.30	G	B	2.7	0.36	155	6308 2Z C3	6308 2Z C3
7.5	213T	1800	1750	200	280	18	123.6	23.4	88.1	84.9	89.5	90.2	89.5	87.8	55	75	84	87	89	1.30	H	B	3.5	0.72	163	6308 2Z C3	6308 2Z C3
7.5	254T	1200	1180	260	220	18.4	118.4	24.8	88.1	84	88.4	89.7	89.5	88.2	55	73	82	86	86	1.30	G	B	3.7	3.27	284	6309 2Z C3	6309 2Z C3
10	215T	3600	3495	235	260	22.8	159.8	29.2	88.1	86.3	89.9	90.3	89.5	88.3	69	84	90	92	92	1.30	H	B	3.6	0.43	178	6308 2Z C3	6308 2Z C3
10	215T	1800	1745	180	220	23.8	157	32.4	88.1	87.1	90.7	90.8	89.5	87.2	59	77	86	88	89	1.30	H	B	4.5	0.87	182	6308 2Z C3	6308 2Z C3
10	256T	1200	1175	255	270	24.6	150.4	29.8	88.1	85.6	89.5	90.1	89.5	88.1	54	73	81	85	86	1.20	G	B	5.2	3.27	297	6309 2Z C3	6309 2Z C3
15	254T	3600	3540	230	240	36.4	208	46.6	88.9	84.3	89.4	90.4	90.2	89.4	54	74	82	86	86	1.30	F	B	7.4	1.15	284	6309 2Z C3	6309 2Z C3
15	254T	1800	1760	220	265	34.4	212	42.6	89.8	86.3	90.5	91	91	89.8	62.4	81.5	87.4	90	89.9	1.30	G	B	6	2.52	293	6309 2Z C3	6309 2Z C3
15	284T	1200	1175	265	210	36.2	227.2	44.4	88.9	86.4	90.3	90.8	90.2	88.7	56	75	83	86	86	1.20	G	B	7.4	4.75	380	6311 2Z C3	6311 2Z C3
20	256T	3600	3540	235	260	47.8	264	60.8	88.9	86.8	90.9	91.1	90.2	88.7	60	79	85	87	87	1.30	F	B	9.4	1.47	332	6309 2Z C3	6309 2Z C3
20	256T	1800	1755	220	240	45.4	275.8	53.2	89.8	88.8	92.1	91.9	91	89.8	68	85	89	91	91	1.20	F	B	7.5	3.06	359	6309 2Z C3	6309 2Z C3
20	286T	1200	1175	250	210	48.2	289.4	56.4	88.9	86.8	90.3	91	90.2	88.6	58	76	84	86	86	1.20	G	B	9.8	5.17	397	6311 2Z C3	6311 2Z C3
25	284TS	3600	3525	260	230	59	356	66.2	89.8	87.5	91.5	91.8	91	89.7	60.4	79.2	86	87	87.6	1.15	G	B	11.6	1.63	364	6311 2Z C3	6311 2Z C3
25	284T	1800	1760	230	230	56	346	63.4	91.4	90.3	93.2	93.2	92.4	91	67	84	89	91	90	1.15	F	B	9.2	3.19	386	6311 2Z C3	6311 2Z C3
25	324T	1200	1185	135	200	67.4	349.1	77.5	90.2	85.6	91.3	92.6	91.7	93.0	60.2	77.7	83.0	84.0	82.9	1.15	F	B	7.2	11.2	573	6312/C3	6312/C3
30	286TS	3600	3535	245	290	70.2	400	74.4	89.8	85.4	90.5	91.3	91	90.2	63.9	81.5	86.4	88	88.5	1.15	F	B	13.3	1.92	417	6311 2Z C3	6311 2Z C3
30	286T	1800	1755	235	230	66.4	424	76.4	91.4	90.7	93.4	93.3	92.4	91	68	85	90	92	90	1.15	G	B	10.4	3.59	424	6311 2Z C3	6311 2Z C3
30	326T	1200	1175	135	200	79.8	400	91.7	90.2	87.7	92.2	93.0	91.7	91.0	74.3	84.6	85.0	81.7	75.7	1.15	F	B	9.0	13.5	612	6312/C3	6312/C3
40	324TS	3600	3580	125	200	94.3	472.4	108.5	90.2	86.5	88.4	91.3	91.7	90.9	68.8	82.3	85.8	89.9	87.2	1.15	E	B	6.1	5.0	576	6312/C3	6312/C3
40	324T	1800	1770	140	200	97.3	561.4	111.8	91.7	87.8	92.5	93.7	93.0	93.4	66.0	82.3	86.7	87.4	86.5	1.15	F	B	14.1	9.2	612	6312/C3	6312/C3
40	364T	1200	1185	135	200	99.7	525.4	114.5	91.7	87.0	92.2	93.4	93.0	93.1	71.7	84.7	87.2	86.5	83.9	1.15	F	B	12.1	25.0	742	6313/C3	6313/C3
50	326TS	3600	3590	135	200	116.9	668.7	134.5	91	86.2	90.3	91.0	92.4	90.2	72.5	84.2	87.0	90.4	88.0	1.15	F	B	7.7	6.2	636	6312/C3	6312/C3
50	326T	1800	1775	140	200	121.6	620.2	139.8	91.7	87.1	92.2	93.7	93.0	94.0	61.0	79.4	85.4	87.2	87.3	1.15	E	B	15.4	11.3	636	6312/C3	6312/C3
50	365T	1200	1185	135	200	124.6	686.5	139.7	91.7	86.5	91.9	93.5	93.0	93.8	60.5	78.5	84.3	85.8	85.3	1.15	F	B	21.8	28.5	770	6313/C3	6313/C3
60	364TS	3600	3585	120	200	140.9	745.4	161.4	91.7	85.0	91.6	93.9	93.0	95.5	49.4	68.7	76.1	78.3	77.9	1.15	E	B	9.9	11.4	748	6313/C3	6313/C3
60	364T	1800	1785	140	200	143.2	832	164.8	93	87.0	92.4	94.0	94.1	94.6	61.6	79.8	85.7	87.5	87.5	1.15	F	B	17.0	19.3	779	6313/C3	6313/C3
60	404T	1200	1185	135	200	145.8	708.1	178.4	92.4	88.4	92.9	93.9	93.6	93.2	71.7	84.0	85.9	84.2	80.5	1.15	E	B	22.8	45.7	973	6313/C3	6313/C3
75	365TS	3600	3590	105	200	176.2	983.2	204.3	91.7	88.5	93.1	93.7	93.0	89.0	65.0	71.0	83.2	88.5	85.3	1.15	F	B	13.5	12.4	792	6313/C3	6313/C3
75	365T	1800	1780	140	200	177.8	1024.1	206.7	93	87.7	92.7	94.1	94.1	94.5	66.5	82.7	87.1	88.1	87.4	1.15	F	B	17.4	21.5	823	6313/C3	6313/C3
75	405T	1200	1185	135	200	187.8	1083.6	215.7	92.4	88.0	92.8	94.0	93.6	94.0	63.9	80.2	84.4	84.6	82.8	1.15	G	B	25.8	49.8	1019	6315/C3	6314/C3
100	405TS	3600	3585	125	200	235.8	1420.5	270.7	92.4	88.4	92.9	93.9	93.6	93.2	61.6	79.8	85.7	87.5	87.5	1.15	G	B	22.0	21.0	1002	6314/C3	6314/C3
100	405T	1800	1785	125	200	236	1361.2	271	93.6	88.4	93.2	94.9	94.5	95.0	71.8	85.1	87.9	87.9	85.9	1.15	F	B	25.8	35.4	1062	6315/C3	6314/C3
100	444T	1200	1195	125	200	245.7	1402.8	281.6	93	87.3	92.7	94.5	94.1	95.3	60.2	78.1	83.7	85.0	84.3	1.15	F	B	27.2	89.2	1716	6319/C3	6319/C3
125	444TS	3600	3595	100	200	295.1	1780	339.3	93.6	87.4	92.9	94.5	94.5	93.9	65.0	71.0	83.2	88.5	85.3	1.15	G	B	33.2	41.5	1531	6316/C3	6316/C3</