

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



**eLINE Typical Performances**

**460 Volts @ 60 Hz**

HP	NEMA Frame Size	RPM		TORQUE [%]		460V			GAR EFF	60 HZ					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	Locked	Break	60HZ				Nema Nominal					Power Factor [%]											DE	ODE
		Load	Rotor	down	Full Load	Locked Rotor	@ SF	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	1.5	12.0	1.9	80.4	63.8	76.8	81.0	82.5	82.7	34.0	53.0	66.0	75.0	80.0	1.4	L	B	0.8	0.08	60	6205 2Z C3	6205 2Z C3
1	145T	1200	1155	180	290	1.6	8.1	2	77.7	66.2	76.8	79.7	80.0	79.0	33.0	52.0	65.0	73.0	78.0	1.4	H	B	0.9	0.13	61	6205 2Z C3	6205 2Z C3
1.5	143T	3600	3500	275	320	2	16.4	2.7	80.4	63.1	77.5	81.4	82.5	82.4	51.0	72.0	81.0	87.0	89.0	1.3	K	B	0.8	0.06	60	6205 2Z C3	6205 2Z C3
1.5	145T	1800	1745	265	370	2.1	15.9	2.7	82	69.6	80.0	83.2	84.0	83.5	38.0	59.0	71.0	79.0	83.0	1.4	K	B	1.0	0.09	63	6205 2Z C3	6205 2Z C3
1.5	182T	1200	1175	255	350	2.3	16.4	2.9	83.7	68.8	80.5	84.2	85.5	85.6	32.0	49.0	63.0	72.0	77.0	1.4	K	B	1.3	0.34	93	6306 2Z C3	6306 2Z C3
2	145T	3600	3505	280	325	2.6	22.2	3.4	82	72.6	81.4	83.8	84.0	83.3	51.6	71.8	82.0	87.0	91.0	1.4	K	B	1.0	0.06	66	6205 2Z C3	6205 2Z C3
2	145T	1800	1735	240	330	2.7	18.4	3.6	82	73.6	82.0	84.0	84.0	83.1	44.0	65.0	76.0	82.0	86.0	1.4	J	B	1.2	0.11	65	6205 2Z C3	6205 2Z C3
2	184T	1200	1165	210	270	2.9	17.6	3.7	84.8	77.2	85.8	87.1	86.5	85.3	34.0	55.0	67.0	74.0	78.0	1.3	H	B	1.6	0.4	107	6306 2Z C3	6306 2Z C3
3	182T	3600	3510	220	280	3.8	27.6	4.8	83.7	72.9	82.1	84.8	85.5	84.9	51.0	71.0	80.0	86.0	88.0	1.4	J	B	1.5	0.12	89	6306 2Z C3	6306 2Z C3
3	182T	1800	1745	260	380	3.9	30.8	4.7	85.9	76.9	85.1	87.3	87.5	86.9	43.0	64.0	76.0	82.0	85.0	1.3	K	B	1.8	0.24	100	6306 2Z C3	6306 2Z C3
3	213T	1200	1170	230	350	4.2	31.0	5.2	85.9	75.5	84.3	86.9	87.5	87.0	37.0	56.0	68.0	76.0	80.0	1.3	K	B	2.2	0.66	144	6308 2Z C3	6308 2Z C3
5	184T	3600	3500	225	280	6.2	44.0	8.2	85.9	80.0	86.3	87.8	87.5	86.7	58.0	75.0	85.0	87.0	90.0	1.4	H	B	2.4	0.2	115	6306 2Z C3	6306 2Z C3
5	184T	1800	1735	250	320	6.2	45.0	8	85.9	80.3	86.9	88.7	87.5	86.6	52.0	70.0	81.0	86.0	88.0	1.3	J	B	2.5	0.34	117	6306 2Z C3	6306 2Z C3
5	215T	1200	1155	190	250	6.6	40.0	8.4	85.9	81.9	87.2	88.4	87.5	85.7	44.0	66.0	76.0	82.0	84.0	1.3	H	B	3.0	0.82	165	6308 2Z C3	6308 2Z C3
7.5	213T	3600	3500	220	350	8.6	56.0	11.5	87	83.2	88.2	89.0	89.5	87.0	67.0	83.0	89.0	92.0	93.0	1.3	G	B	2.7	0.36	155	6308 2Z C3	6308 2Z C3
7.5	213T	1800	1750	200	280	9	61.8	11.7	88.1	84.9	89.5	90.2	89.5	87.8	55.0	75.0	84.0	87.0	89.0	1.3	H	B	3.5	0.72	163	6308 2Z C3	6308 2Z C3
7.5	254T	1200	1180	260	220	9.2	59.2	12.4	88.1	84.0	88.4	89.7	89.5	88.2	55.0	73.0	82.0	86.0	86.0	1.3	G	B	3.7	3.27	284	6309 2Z C3	6309 2Z C3
10	215T	3600	3495	235	260	11.4	79.9	14.6	88.1	86.3	89.9	90.3	89.5	88.3	69.0	84.0	90.0	92.0	92.0	1.3	H	B	3.6	0.43	178	6308 2Z C3	6308 2Z C3
10	215T	1800	1745	180	220	11.9	78.5	16.2	88.1	87.1	90.7	90.8	89.5	87.2	59.0	77.0	86.0	88.0	89.0	1.3	H	B	4.5	0.87	182	6308 2Z C3	6308 2Z C3
10	256T	1200	1175	255	270	12.3	75.2	14.9	88.1	85.6	89.5	90.1	89.5	88.1	54.0	73.0	81.0	85.0	86.0	1.2	G	B	5.2	3.27	297	6309 2Z C3	6309 2Z C3
15	254T	3600	3540	230	240	18.2	104.0	23.3	88.9	84.3	89.4	90.4	90.2	89.4	54.0	74.0	82.0	86.0	86.0	1.3	F	B	7.4	1.15	284	6309 2Z C3	6309 2Z C3
15	254T	1800	1760	220	265	17.2	106.0	21.3	89.8	86.3	90.5	91.0	91.0	89.8	62.4	81.5	87.4	90.0	89.9	1.3	G	B	6.0	2.52	293	6309 2Z C3	6309 2Z C3
15	284T	1200	1175	265	210	18.1	113.6	22.2	88.9	86.4	90.3	90.8	90.2	88.7	56.0	75.0	83.0	86.0	86.0	1.2	G	B	7.4	4.75	380	6311 2Z C3	6311 2Z C3
20	256T	3600	3540	235	260	23.9	132.0	30.4	88.9	86.8	90.9	91.1	90.2	88.7	60.0	79.0	85.0	87.0	87.0	1.3	F	B	9.4	1.47	332	6309 2Z C3	6309 2Z C3
20	256T	1800	1755	220	240	22.7	137.9	26.6	88.8	88.8	92.1	91.9	91.0	89.8	68.0	85.0	89.0	91.0	91.0	1.2	F	B	7.5	3.06	359	6309 2Z C3	6309 2Z C3
20	286T	1200	1175	250	210	24.1	144.7	28.2	88.9	86.8	90.3	91.0	90.2	88.6	58.0	76.0	84.0	86.0	86.0	1.2	G	B	9.8	5.17	397	6311 2Z C3	6311 2Z C3
25	284TS	3600	3525	260	230	29.5	178.0	33.1	89.8	87.5	91.5	91.8	91.0	89.7	60.4	79.2	86.0	87.0	87.6	1.15	G	B	11.6	1.63	364	6311 2Z C3	6311 2Z C3
25	284T	1800	1760	230	230	28	173.0	31.7	91.4	90.3	93.2	93.2	92.4	91.0	67.0	84.0	89.0	91.0	90.0	1.15	F	B	9.2	3.19	386	6311 2Z C3	6311 2Z C3
25	324T	1200	1185	135	200	33.5	174.6	38.5	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	35.1	200.0	37.2	89.8	85.4	90.5	91.3	91.0	90.2	63.9	81.5	86.4	88.0	88.5	1.15	F	B	13.3	1.92	417	6311 2Z C3	6311 2Z C3
30	286T	1800	1755	235	230	33.2	212.0	38.2	91.4	90.7	93.4	93.3	92.4	91.0	68.0	85.0	90.0	92.0	90.0	1.15	G	B	10.4	3.59	424	6311 2Z C3	6311 2Z C3
30	326T	1200	1175	135	200	39.7	200	45.6	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	47	236.2	54	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	48.4	280.7	55.6	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	49.6	262.7	57	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	58.2	334.4	66.9	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	60.5	310.1	70	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	61.9	343.3	76.2	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	70.2	372.7	80.7	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	71.2	416	81.9	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	72.9	354.1	89.7	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	6315/C3	6314/C3
75	365TS	3600	3590	105	200	87.7	491.6	100.9	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	88.4	512.1	101.7	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	93.4	541.8	107.4	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	117.5	710.3	135.1	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	117.4	680.6	135	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	122.2	701.4	140.5	93	87.3	92.7	94.5	94.1														