

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



**eLINE Typical Performances**

**190 Volts @ 50 Hz**

HP	KW	NEMA Frame Size	RPM		TORQUE [%]		Amps 190V			Eff (%)		Power Factor	Service Factor	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	Full	Locked	@ SF	Full	Gar								DE	ODE
				Load	Rotor	Down	Load	Rotor		Load	Eff									
1	0.75	143T	1500	1435	275	300	3.6	22.2	4.8	80.8	78.5	80.0	1.40	J	B	0.7	0.08	60	6205 2Z C3	6205 2Z C3
1	0.75	145T	1000	930	170	265	4.0	15.4	5.0	75.4	72.7	78.0	1.40	E	B	0.8	0.13	61	6205 2Z C3	6205 2Z C3
1.5	1.1	143T	3000	2860	210	250	4.8	28.4	7.4	79.0	76.6	90.0	1.30	G	B	0.7	0.06	60	6205 2Z C3	6205 2Z C3
1.5	1.1	145T	1500	1425	250	280	5.2	29.6	6.8	82.2	80.1	80.0	1.40	H	B	1.0	0.09	63	6205 2Z C3	6205 2Z C3
1.5	1.1	182T	1000	960	205	265	5.4	30.2	7.6	82.8	80.7	77.0	1.40	H	B	1.1	0.34	93	6306 2Z C3	6306 2Z C3
2	1.5	145T	3000	2860	210	240	6.4	34.6	9.6	80.4	78.1	89.0	1.40	G	B	1.0	0.06	66	6205 2Z C3	6205 2Z C3
2	1.5	145T	1500	1410	235	270	6.6	33.6	9.4	81.3	79.1	85.0	1.40	F	B	1.1	0.11	65	6205 2Z C3	6205 2Z C3
2	1.5	184T	1000	950	170	240	7.0	33.0	9.2	83.7	81.7	77.0	1.30	F	B	1.5	0.40	107	6306 2Z C3	6306 2Z C3
3	2.2	182T	3000	2870	180	230	9.4	51.2	11.4	82.2	80.1	88.0	1.20	G	B	1.5	0.12	89	6306 2Z C3	6306 2Z C3
3	2.2	182T	1500	1430	215	290	9.4	56.4	12.2	85.2	83.4	85.0	1.30	G	B	1.6	0.24	100	6306 2Z C3	6306 2Z C3
3	2.2	213T	1000	960	185	270	10.0	57.0	13.0	84.6	82.7	81.0	1.30	G	B	1.9	0.66	144	6306 2Z C3	6306 2Z C3
5	3.7	184T	3000	2855	180	215	15.4	80.0	18.2	84.3	82.4	88.0	1.15	F	B	2.4	0.20	115	6306 2Z C3	6306 2Z C3
5	3.7	184T	1500	1415	195	245	15.2	82.6	17.8	84.3	82.4	88.0	1.15	F	B	2.4	0.34	117	6306 2Z C3	6306 2Z C3
5	3.7	215T	1000	935	155	215	16.2	73.0	20.4	82.8	80.7	85.0	1.20	E	B	2.8	0.82	165	6308 2Z C3	6308 2Z C3
7	5.6	213T	3000	2845	170	265	22.4	105.2	22.4	82.6	80.5	92.1	1.00	E	B	2.9	0.36	155	6308 2Z C3	6308 2Z C3
7	5.6	213T	1500	1430	175	215	22.6	114.2	25.2	85.4	83.6	88.0	1.10	F	B	3.5	0.72	163	6308 2Z C3	6308 2Z C3
7	5.6	254T	1000	965	205	205	23.4	111.2	30.4	85.3	83.5	85.0	1.25	E	B	4.1	3.27	284	6309 2Z C3	6309 2Z C3
10	7.5	215T	3000	2860	180	200	28.4	147.6	28.4	86.3	84.6	93.0	1.00	E	B	3.4	0.43	178	6308 2Z C3	6308 2Z C3
10	7.5	215T	1500	1425	165	200	30.0	145.6	30.0	85.0	83.1	89.0	1.00	E	B	4.5	0.87	182	6308 2Z C3	6308 2Z C3
10	7.5	256T	1000	960	185	200	31.0	131.8	31.0	84.8	82.9	86.0	1.00	D	B	5.2	3.27	297	6309 2Z C3	6309 2Z C3
15	11.2	254T	3000	2910	185	200	45.2	132.8	50.1	87.7	86.1	86.0	1.10	D	B	7.6	1.15	284	6309 2Z C3	6309 2Z C3
15	11.2	254T	1500	1445	175	200	42.8	201.2	51.8	88.4	86.9	90.0	1.20	D	B	6.1	2.52	293	6309 2Z C3	6309 2Z C3
15	11.2	284T	1000	960	195	200	45.6	207.4	45.6	85.7	83.9	87.0	1.00	E	B	7.4	4.75	380	6311 2Z C3	6311 2Z C3
20	15	256T	3000	2900	190	200	60.8	252.4	60.8	86.8	85.1	86.0	1.00	D	B	10.2	1.47	332	6309 2Z C3	6309 2Z C3
20	15	256T	1500	1440	175	200	57.0	262.2	64.2	88.4	86.9	90.0	1.10	D	B	8.2	3.06	359	6309 2Z C3	6309 2Z C3
20	15	286T	1000	960	185	200	60.4	262.8	60.4	86.3	84.6	87.0	1.00	D	B	9.8	5.17	397	6311 2Z C3	6311 2Z C3
25	18.7	284TS	3000	2890	205	200	75.0	337.6	75.0	87.8	86.2	86.0	1.00	D	B	12.6	1.63	364	6311 2Z C3	6311 2Z C3
25	18.7	284T	1500	1445	180	200	70.0	329.0	78.6	89.9	88.6	90.0	1.10	D	B	10.0	3.19	386	6311 2Z C3	6311 2Z C3
25	18.5	324T	1000	980	135	200	75.5	327.7	87.0	91.7	90.2	81.6	1.15	D	B	8.1	11.22	573	6312/C3	6312/C3
30	22.4	286TS	3000	2900	185	220	85.8	356.0	85.9	88.2	86.7	90.0	1.00	C	B	12.3	1.92	417	6311 2Z C3	6311 2Z C3
30	22.4	286T	1500	1440	185	200	83.6	405.4	93.8	89.5	88.1	91.0	1.10	D	B	11.4	3.59	424	6311 2Z C3	6311 2Z C3
30	22	326T	1000	985	135	200	93.6	452.1	107.6	92.4	91.0	76.0	1.15	E	B	10.8	13.45	612	6312/C3	6312/C3
40	30	324TS	3000	2975	125	200	109.6	439.5	129.0	91.0	89.5	89.2	1.15	C	B	5.9	5.00	576	6312/C3	6312/C3
40	30	324T	1500	1475	140	200	127.2	587.7	147.8	92.4	91.0	85.9	1.15	E	B	13.9	9.18	612	6312/C3	6312/C3
40	30	364T	1000	985	135	200	125.2	534.6	142.4	92.4	91.0	85.1	1.15	D	B	11.4	25.00	742	6313/C3	6313/C3
50	37	326TS	3000	2975	135	200	136.6	627.3	161.6	91.7	90.2	88.5	1.15	D	B	7.5	6.20	636	6312/C3	6312/C3
50	37	326T	1500	1470	140	200	139.55	572.4	176.6	91.7	90.2	86.9	1.15	C	B	14.9	11.30	636	6312/C3	6312/C3
50	37	365T	1000	985	135	200	156.4	718	183.0	93.0	91.7	84.8	1.15	E	B	20.9	28.50	770	6313/C3	6313/C3
60	45	364TS	3000	2980	120	200	172.6	740.5	200.0	92.4	91.0	76.9	1.15	D	B	9.5	11.40	748	6313/C3	6313/C3
60	45	364T	1500	1480	140	200	184.6	887.9	214.6	93.0	91.7	88.0	1.15	E	B	16.7	19.25	779	6313/C3	6313/C3
60	45	404T	1000	975	135	200	187	727.7	218.0	93.0	91.7	74.6	1.15	C	B	21.2	45.70	973	6315/C3	6315/C3
75	55	365TS	3000	2985	105	200	210.6	964.5	244.8	92.4	91.0	87.0	1.15	D	B	12.7	12.40	792	6313/C3	6313/C3
75	55	365T	1500	1475	140	200	221.6	1054.8	253.0	93.0	91.7	86.9	1.15	E	B	16.9	21.50	823	6313/C3	6313/C3
75	55	405T	1000	980	135	200	225.8	1077.1	258.0	93.6	92.4	81.7	1.15	E	B	22.7	49.80	1019	6315/C3	6315/C3
100	75	405TS	3000	2975	125	200	274.4	1001.6	325.8	92.4	91.0	87.1	1.15	B	B	21.9	21.00	1002	6314/C3	6314/C3
100	75	405T	1500	1475	125	200	278.4	1138.7	326.0	93.0	91.7	84.7	1.15	C	B	25.1	35.40	1062	6315/C3	6315/C3
100	75	444T	1000	990	125	200	284.4	1251.7	336.8	94.1	93.0	83.6	1.15	D	B	23.2	89.20	1716	6319/C3	6319/C3
125	90	444TS	3000	2985	100	200	338.4	1455.1	402.8	93.6	92.4	87.0	1.15	C	B	26.4	41.50	1531	6316/C3	6316/C3
125	90	444T	1500	1490	110	200	355	1448.4	412.4	93.6	92.4	85.0	1.15	C	B	31.0	65.76	1661	6319/C3	6319/C3
125	90	445T	1000	980	125	200	358.2	2077.6	415.8	94.1	93.0	84.0	1.15	F	B	26.1	104.30	1813	6319/C3	6319/C3