

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



eLINE Typical Performances

380 Volts @ 50 Hz

HP	KW	NEMA Frame Size	RPM		TORQUE		[%]		Amps		Eff (%)		Power Factor	Service Factor	NEMA Code Letter	NEMA Design	Max KVAR	WK ² Lb-Ft ²	Net Weight Lbs.	Bearing System	
			Syn.	Full Load	Locked Rotor	Break Down	Full Load	Locked Rotor	@ SF	Full Load	Gar Eff	DE								ODE	
1	0.75	143T	1500	1435	275	300	1.8	11.1	2.4	80.8	78.5	80	1.4	J	B	0.7	0.08	60	6205 2Z C3	6205 2Z C3	
1	0.75	145T	1000	930	170	265	2	7.7	2.5	75.4	72.7	78	1.4	E	B	0.8	0.13	61	6205 2Z C3	6205 2Z C3	
1.5	1.2	143T	3000	2860	210	250	2.4	14.2	3.7	79	76.6	90	1.3	G	B	0.7	0.06	60	6205 2Z C3	6205 2Z C3	
1.5	1.2	145T	1500	1420	250	280	2.6	14.8	3.4	82.2	80.1	80	1.4	H	B	1	0.09	63	6205 2Z C3	6205 2Z C3	
1.5	1.2	182T	1000	960	205	265	2.7	15.1	3.8	82.8	80.7	77	1.4	H	B	1.1	0.34	93	6306 2Z C3	6306 2Z C3	
2	1.5	145T	3000	2860	210	240	3.2	17.3	4.8	80.4	78.1	89	1.4	G	B	1	0.06	66	6205 2Z C3	6205 2Z C3	
2	1.5	145T	1500	1410	235	270	3.3	16.8	4.7	81.3	79.1	85	1.4	F	B	1.1	0.11	65	6205 2Z C3	6205 2Z C3	
2	1.5	184T	1000	950	170	240	3.5	16.5	4.6	83.7	81.7	77	1.3	F	B	1.5	0.4	107	6306 2Z C3	6306 2Z C3	
3	2.2	182T	3000	2870	180	230	4.7	25.6	5.7	82.2	80.1	88	1.2	G	B	1.5	0.12	89	6306 2Z C3	6306 2Z C3	
3	2.2	182T	1500	1430	215	290	4.7	28.2	6.1	85.2	83.4	85	1.3	G	B	1.6	0.24	100	6306 2Z C3	6306 2Z C3	
3	2.2	213T	1000	960	185	270	5	28.5	6.5	84.6	82.7	81	1.3	G	B	1.9	0.66	144	6308 2Z C3	6308 2Z C3	
5	3.7	184T	3000	2855	180	215	7.7	40	9.1	84.3	82.4	88	1.15	F	B	2.4	0.2	115	6306 2Z C3	6306 2Z C3	
5	3.7	184T	1500	1415	195	245	7.6	41.3	8.9	84.3	82.4	88	1.15	F	B	2.4	0.34	117	6306 2Z C3	6306 2Z C3	
5	3.7	215T	1000	935	155	215	8.1	36.5	10.2	82.8	80.7	85	1.2	E	B	2.8	0.82	165	6308 2Z C3	6308 2Z C3	
7.5	5.6	213T	3000	2845	170	265	11.2	52.6	11.2	82.6	80.5	92	1	E	B	2.9	0.36	155	6308 2Z C3	6308 2Z C3	
7.5	5.6	213T	1500	1430	175	215	11.3	57.1	12.6	85.4	83.6	88	1.1	F	B	3.5	0.72	163	6308 2Z C3	6308 2Z C3	
7.5	5.6	254T	1000	965	205	205	11.7	55.6	15.2	85.3	83.5	85	1.25	E	B	4.1	3.27	284	6309 2Z C3	6309 2Z C3	
10	7.5	215T	3000	2860	180	200	14.2	73.8	14.2	86.3	84.6	93	1	E	B	3.4	0.43	178	6308 2Z C3	6308 2Z C3	
10	7.5	215T	1500	1425	165	200	15	72.8	15	85	83.1	89	1	E	B	4.5	0.87	182	6308 2Z C3	6308 2Z C3	
10	7.5	256T	1000	960	185	200	15.5	65.9	15.5	84.8	82.9	86	1	D	B	5.2	3.27	297	6309 2Z C3	6309 2Z C3	
15	11.2	254T	3000	2910	185	200	22.6	66.4	25.1	87.7	86.1	86	1.1	D	B	7.6	1.15	284	6309 2Z C3	6309 2Z C3	
15	11.2	254T	1500	1445	175	200	21.4	100.6	25.9	88.4	86.9	90	1.2	D	B	6.1	2.52	293	6309 2Z C3	6309 2Z C3	
15	11.2	284T	1000	960	195	200	22.8	103.7	22.8	85.7	83.9	87	1	E	B	7.4	4.75	380	6311 2Z C3	6311 2Z C3	
20	15	256T	3000	2900	190	200	30.4	126.2	30.4	86.8	85.1	86	1	D	B	10.2	1.47	332	6309 2Z C3	6309 2Z C3	
20	15	256T	1500	1440	175	200	28.5	131.1	32.1	88.4	86.9	90	1.1	D	B	8.2	3.06	359	6309 2Z C3	6309 2Z C3	
20	15	286T	1000	960	185	200	30.2	131.4	30.2	86.3	84.6	87	1	D	B	9.8	5.17	397	6311 2Z C3	6311 2Z C3	
25	18.7	284TS	3000	2890	205	200	37.5	168.8	37.5	87.8	86.2	86	1	D	B	12.6	1.63	364	6311 2Z C3	6311 2Z C3	
25	18.7	284T	1500	1445	180	200	35	164.5	39.3	89.9	88.6	90	1.1	D	B	10	3.19	386	6311 2Z C3	6311 2Z C3	
25	18.5	324T	1000	980	135	200	37.8	163.9	43.47	91.7	90.2	81.6	1.15	D	B	8.1	11.223	573	6312/C3	6312/C3	
30	22.4	286TS	3000	2975	185	220	42.9	178	42.9	88.2	86.7	90	1	C	B	12.3	1.92	417	6311 2Z C3	6311 2Z C3	
30	22.4	286T	1500	1440	185	200	41.8	202.7	46.9	89.5	88.1	91	1.1	D	B	11.4	3.59	424	6311 2Z C3	6311 2Z C3	
30	22	326T	1000	985	135	200	46.8	226.1	53.8	92.4	91.0	76.0	1.15	E	B	10.8	13.454	612	6312/C3	6312/C3	
40	30	324TS	3000	2975	125	200	54.8	219.8	64.5	91.0	89.5	89.2	1.15	C	B	5.9	5	576	6312/C3	6312/C3	
40	30	324T	1500	1475	140	200	63.6	293.9	73.9	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	62.6	267.3	71.2	92.4	91.0	85.1	1.15	D	B	11.4	25	742	6313/C3	6313/C3	
50	37	326TS	3000	2975	135	200	68.3	313.7	80.8	91.7	90.2	88.5	1.15	D	B	7.5	6.2	636	6312/C3	6312/C3	
50	37	326T	1500	1470	140	200	76.8	286.2	88.3	91.7	90.2	86.9	1.15	C	B	14.9	11.3	636	6312/C3	6312/C3	
50	37	365T	1000	985	135	200	78.2	359	91.5	93.0	91.7	84.8	1.15	E	B	20.9	28.5	770	6313/C3	6313/C3	
60	45	364TS	3000	2980	120	200	86.4	370.1	100	92.4	91.0	76.9	1.15	D	B	9.5	11.4	748	6313/C3	6313/C3	
60	45	364T	1500	1480	140	200	92.3	444	107.3	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	93.5	363.9	109	93.0	91.7	74.6	1.15	C	B	21.2	45.7	973	6315/C3	6315/C3	
75	55	365TS	3000	2985	105	200	105.3	482.3	122.4	92.4	91.0	87.0	1.15	D	B	12.7	12.4	792	6313/C3	6313/C3	
75	55	365T	1500	1475	140	200	110.8	527.4	126.5	93.0	91.7	86.9	1.15	E	B	16.9	21.5	823	6313/C3	6313/C3	
75	55	405T	1000	980	135	200	112.93	538.6	129	93.6	92.4	81.7	1.15	E	B	22.7	49.8	1019	6315/C3	6315/C3	
100	75	405TS	3000	2975	125	200	137.2	500.8	162.9	92.4	91.0	87.1	1.15	B	B	21.9	21	1002	6314/C3	6314/C3	
100	75	405T	1500	1475	125	200	139.2	569	163	93.0	91.7	84.7	1.15	C	B	25.1	35.4	1062	6315/C3	6315/C3	
100	75	444T	1000	990	125	200	142.2	625.8	168.4	94.1	93.0	83.6	1.15	D	B	23.2	89.2	1716	6319/C3	6319/C3	
125	90	444TS	3000	2985	100	200	169.2	727.6	201.4	93.6	92.4	87.0	1.15	C	B	26.4	41.5	1531	6316/C3	6316/C3	
125	90	444T	1500	1490	110	200	177.5	724.2	206.2	93.6	92.4	85.0	1.15	C	B	31.0	65.762	1661	6319/C3	6319/C3	
125	90	445T	1000	980	125	200	179.07	1038.7	207.9	94.1	93.0	84.0	1.15	F	B	26.1	104.3	1813	6319/C3	6319/C3	
150	110	445TS	3000	2985	100	200	204.9	942.6	240.9	93.6	92.4	87.0	1.15	D	B	37.3	40.709	1584	6316/C3	6316/C3	
150	110	445T	1500	1485	100	200	211.9	978.2	245.8	94.1	93.0	85.0	1.15	D	B	41.0	78.5	1762	6319/C3	6319/C3	
150	110	447T	1000	990	120	200	212.29	997.8	251.7	94.1	93.0	83.0	1.15	D	B	35.8	123.694	2163	6319/C3	6319/C3	
200	150	447TS	3000	2985	100	200	265.7	1217	310.7	94.5	93.6	89.0	1.15	D	B	36.8	53.966	2026	6316/C3	6316/C3	
200	150	447T	1500	1485	100	200	282.9	1394.7	327.6	94.1	93.0	85.0	1.15	E	B	58.0	94.007	2211	6319/C3	6319/C3	
200	150	449T	1000	990	120	200	281.7	1408.5	327.7	94.1	93.0	85.0	1.15	E	B	37.6	163.559	2532	6319/C3	6319/C3	
250	185	449TS	3000	2990	70	175	328.2	1522.8	388.3	95.4	94.5	89.0	1.15	D	B	41.5	73.5	2284	6316/C3	6316/C3	
250	185	449T	1500	1490	80	175	345	1450.7	397	94.1	93.0	88.0	1.15	C	B	56.0	124.3	2464	6319/C3	6319/C3	