

Industrial Duty Three-Phase Motors



EPACT Rated



All Cast Iron Frames

TEFC Enclosure

Premium Grade Quality



High Efficiency Design

1 HP - 500 HP



Advanced Crusher Design!

Crusher Motors

Conveyor Motors

Screen Motors



**High Quality Industrial Duty
Three-Phase Motors Available To
You At Factory-Direct Prices!!!**

WorldWide Electric Corporation



Industrial Duty Three-Phase Motors

HP	RPM	Voltage	Frame Size	Enclosure	Model Number	List Price *
1	1800	208-230/460	143T	TEFC	WWE1-18-143T	\$255.67
1	1200	208-230/460	145T	TEFC	WWE1-12-145T	\$345.21
1.5	3600	208-230/460	143T	TEFC	WWE1.5-36-143T	\$312.50
1.5	1800	208-230/460	145T	TEFC	WWE1.5-18-145T	\$319.63
1.5	1200	208-230/460	182T	TEFC	WWE1.5-12-182T	\$370.79
2	3600	208-230/460	145T	TEFC	WWE2-36-145T	\$353.29
2	1800	208-230/460	145T	TEFC	WWE2-18-145T	\$332.42
2	1200	208-230/460	184T	TEFC	WWE2-12-184T	\$479.50
3	3600	208-230/460	182T	TEFC	WWE3-36-182T	\$448.38
3	1800	208-230/460	182T	TEFC	WWE3-18-182T	\$433.38
3	1200	208-230/460	213T	TEFC	WWE3-12-213T	\$715.96
5	3600	208-230/460	184T	TEFC	WWE5-36-184T	\$577.50
5	1800	208-230/460	184T	TEFC	WWE5-18-184T	\$483.44
5	1200	208-230/460	215T	TEFC	WWE5-12-215T	\$856.58
7.5	3600	208-230/460	213T	TEFC	WWE7.5-36-213T	\$781.67
7.5	1800	208-230/460	213T	TEFC	WWE7.5-18-213T	\$672.55
7.5	1200	208-230/460	254T	TEFC	WWE7.5-12-254T	\$1,054.79
10	3600	208-230/460	215T	TEFC	WWE10-36-215T	\$859.75
10	1800	208-230/460	215T	TEFC	WWE10-18-215T	\$744.11
10	1200	208-230/460	256T	TEFC	WWE10-12-256T	\$1,438.33
15	3600	208-230/460	254T	TEFC	WWE15-36-254T	\$1,365.58
15	1800	208-230/460	254T	TEFC	WWE15-18-254T	\$1,163.85
15	1200	208-230/460	284T	TEFC	WWE15-12-284T	\$1,802.63
20	3600	208-230/460	256T	TEFC	WWE20-36-256T	\$1,474.08
20	1800	208-230/460	256T	TEFC	WWE20-18-256T	\$1,253.85
20	1200	208-230/460	286T	TEFC	WWE20-12-286T	\$2,169.79
25	3600	208-230/460	284TS	TEFC	WWE25-36-284TS	\$1,899.92
25	1800	208-230/460	284T	TEFC	WWE25-18-284T	\$1,836.38
25	1200	208-230/460	324T	TEFC	WWE25-12-324T	\$2,618.08
30	3600	208-230/460	286TS	TEFC	WWE30-36-286TS	\$1,991.63
30	1800	208-230/460	286T	TEFC	WWE30-18-286T	\$1,937.71
30	1200	208-230/460	326T	TEFC	WWE30-12-326T	\$3,077.42
40	3600	208-230/460	324TS	TEFC	WWE40-36-324TS	\$2,646.79
40	1800	208-230/460	324T	TEFC	WWE40-18-324T	\$2,527.33
40	1200	208-230/460	364T	TEFC	WWE40-12-364T	\$3,824.63
50	3600	208-230/460	326TS	TEFC	WWE50-36-326TS	\$3,308.50
50	1800	208-230/460	326T	TEFC	WWE50-18-326T	\$3,334.54
50	1200	208-230/460	365T	TEFC	WWE50-12-365T	\$5,013.25
60	3600	208-230/460	364TS	TEFC	WWE60-36-364TS	\$4,452.63
60	1800	208-230/460	364T	TEFC	WWE60-18-364T	\$4,177.71
60	1200	208-230/460	404T	TEFC	WWE60-12-404T	\$5,625.17

HP	RPM	Voltage	Frame Size	Enclosure	Model Number	List Price *
75	3600	208-230/460	365TS	TEFC	WWE75-36-365TS	\$5,672.04
75	1800	208-230/460	365T	TEFC	WWE75-18-365T	\$4,830.79
75	1200	208-230/460	405T	TEFC	WWE75-12-405T	\$5,795.75
100	3600	208-230/460	405TS	TEFC	WWE100-36-405TS	\$6,429.44
100	1800	208-230/460	405T	TEFC	WWE100-18-405T	\$5,512.00
100	1200	208-230/460	444T	TEFC	WWE100-12-444T	\$8,517.39
125	3600	208-230/460	444TS	TEFC	WWE125-36-444TS	\$7,887.67
125	1800	208-230/460	444T	TEFC	WWE125-18-444T	\$8,007.94
125	1200	208-230/460	445T	TEFC	WWE125-12-445T	\$9,626.22
150	3600	208-230/460	445TS	TEFC	WWE150-36-445TS	\$9,795.61
150	1800	208-230/460	445T	TEFC	WWE150-18-445T	\$8,685.78
150	1200	208-230/460	447T	TEFC	WWE150-12-447T	\$12,296.00
200	3600	208-230/460	447TS	TEFC	WWE200-36-447TS	\$12,953.61
200	1800	208-230/460	447T	TEFC	WWE200-18-447T	\$11,687.17
200	1200	460	449T	TEFC	WWE200-12-449T	\$13,825.00
200	1200	208-230/460	505UZ	TEFC	WWE200-12-505UZ	\$15,428.61
250	1800	460	449T	TEFC	WWE250-18-449T	\$14,466.67
250	1800	460	505UZ	TEFC	WWE250-18-505UZ	\$15,756.44
250	1200	460	449T	TEFC	WWE250-12-449T	\$19,475.00
250	1200	460	586/7	TEFC	WWE250-12-586/7	\$24,332.17
300	1800	460	449T	TEFC	WWE300-18-449T	\$19,191.67
300	1800	460	586/7	TEFC	WWE300-18-586/7	\$23,316.44
300	1200	460	449T	TEFC	WWE300-12-449T	\$23,148.79
300	1200	460	586/7	TEFC	WWE300-12-586/7	\$26,903.61
350	1800	460	586/7	TEFC	WWE350-18-586/7	\$25,155.06
350	1200	460	586/7	TEFC	WWE350-12-586/7	\$27,745.78
400	1800	460	586/7	TEFC	WWE400-18-586/7	\$27,038.61
400	1200	460	586/7	TEFC	WWE400-12-586/7	\$30,664.33
450	1800	460	586/7	TEFC	WWE450-18-586/7	\$33,140.46
450	1200	460	586/7	TEFC	WWE450-12-586/7	\$32,923.51
500	1800	460	586/7	TEFC	WWE500-18-586/7	\$33,195.83
500	1200	460	586/7	TEFC	WWE500-12-586/7	\$35,362.50

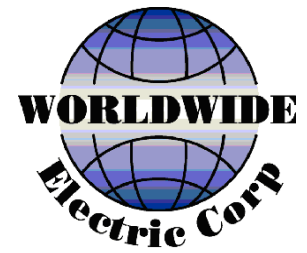
* Prices In This Brochure Are List - Please Call For Your Multiplier

IMPORTANT!

All WorldWide Electric Motors Are
Suitable For Horizontal Or Vertical
(Shaft Up Or Shaft Down) Mount



Industrial Duty Three-Phase Motors



High Efficiency
cCSA_{US} Certified
ISO9001
CE Mark
CC006A

Standards Of
Excellence

All Cast Iron Frame
Ribbed Design For
Maximum Cooling

Class F
Winding
Insulation

SKF Brand
Premium Quality
Ball Or Roller
Bearings

V-Ring
Shaft Seals On
Drive-End and
Opposite Drive-End

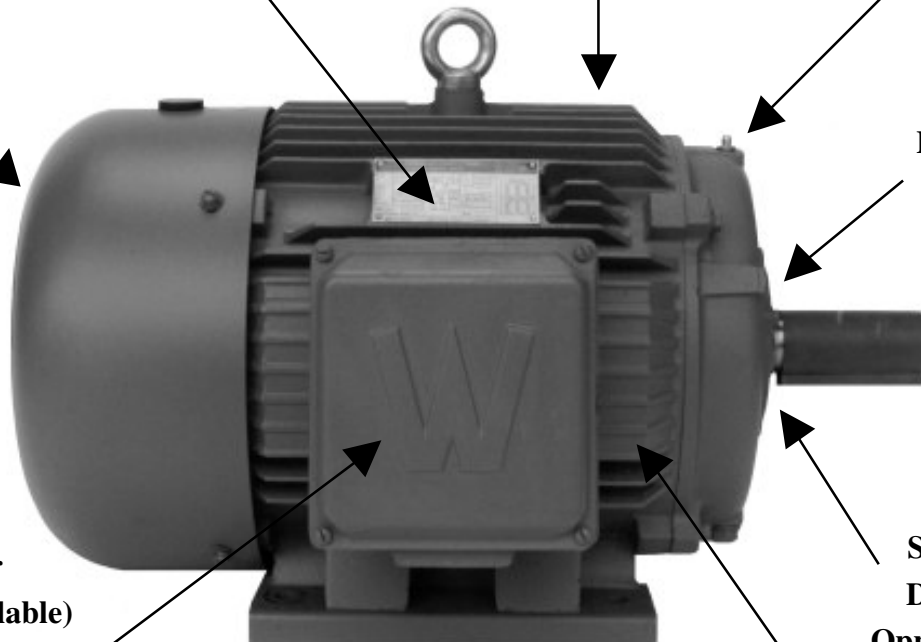
Standard NEMA
"T" Frame
(Available With C-Flange
and D-Flange Kits)

Solid
All Cast Iron
Mounting Feet

All Cast Iron
Junction Box
With Rubber Gasket
And Rubber Dust Curtain

All Ratings
Totally Enclosed
Fan Cooled

All Steel
Fan Cover
(Cast Iron Available)



ISO9001



CC006A

Industrial Duty Three-Phase Motors

Performance Data



HP	RPM	Voltage	Frame Size	Full Load Current At 460V (A)	Locked Rotor Torque (%)	Break-down Torque (%)	Efficiency 100%	Power Factor 100%	Service Factor	Approx. Weight (Lbs.)
1	1800	208-230/460	143T	1.5	250%	350%	82.5%	0.71	1.15	58
1	1200	208-230/460	145T	1.6	200%	250%	80.0%	0.71	1.15	65
1.5	3600	208-230/460	143T	1.9	180%	250%	82.5%	0.86	1.15	50
1.5	1800	208-230/460	145T	2.1	240%	320%	84.0%	0.74	1.15	60
1.5	1200	208-230/460	182T	2.41	280%	370%	85.5%	0.65	1.15	100
2	3600	208-230/460	145T	2.5	200%	270%	84.0%	0.87	1.15	60
2	1800	208-230/460	145T	2.7	230%	290%	84.0%	0.77	1.15	70
2	1200	208-230/460	184T	3.05	270%	340%	86.5%	0.70	1.15	105
3	3600	208-230/460	182T	3.6	230%	360%	85.5%	0.86	1.15	100
3	1800	208-230/460	182T	3.86	280%	330%	87.5%	0.81	1.15	90
3	1200	208-230/460	213T	4.2	170%	280%	87.5%	0.72	1.15	155
5	3600	208-230/460	184T	5.65	210%	355%	87.5%	0.88	1.15	110
5	1800	208-230/460	184T	5.9	270%	310%	87.5%	0.84	1.15	110
5	1200	208-230/460	215T	6.8	170%	240%	87.5%	0.72	1.15	175
7.5	3600	208-230/460	213T	8.4	200%	330%	88.5%	0.89	1.15	155
7.5	1800	208-230/460	213T	9.3	200%	330%	89.5%	0.81	1.15	160
7.5	1200	208-230/460	254T	10.6	230%	300%	89.5%	0.71	1.15	300
10	3600	208-230/460	215T	11.2	220%	330%	89.5%	0.89	1.15	181
10	1800	208-230/460	215T	12.4	200%	300%	89.5%	0.83	1.15	180
10	1200	208-230/460	256T	14.0	220%	300%	89.5%	0.74	1.15	340
15	3600	208-230/460	254T	16.6	180%	290%	90.2%	0.87	1.15	260
15	1800	208-230/460	254T	17.7	170%	270%	91.0%	0.84	1.15	325
15	1200	208-230/460	284T	19.2	200%	270%	90.2%	0.78	1.15	410
20	3600	208-230/460	256T	22.5	170%	260%	90.2%	0.88	1.15	331
20	1800	208-230/460	256T	23.8	170%	260%	91.0%	0.84	1.15	370
20	1200	208-230/460	286T	25.9	180%	240%	90.2%	0.80	1.15	440
25	3600	208-230/460	284TS	27.9	180%	260%	91.0%	0.87	1.15	381
25	1800	208-230/460	284T	28.2	170%	240%	92.4%	0.87	1.15	420
25	1200	208-230/460	324T	30.0	180%	270%	91.7%	0.77	1.15	580
30	3600	208-230/460	286TS	32.9	200%	290%	91.0%	0.89	1.15	480
30	1800	208-230/460	286T	33.6	170%	270%	92.4%	0.88	1.15	470
30	1200	208-230/460	326T	35.4	170%	260%	91.7%	0.78	1.15	610
40	3600	208-230/460	324TS	46.3	220%	300%	91.7%	0.88	1.15	590
40	1800	208-230/460	324T	46.5	190%	290%	93.0%	0.86	1.15	590
40	1200	208-230/460	364T	47.5	170%	250%	93.0%	0.82	1.15	650
50	3600	208-230/460	326TS	56.7	210%	300%	92.4%	0.88	1.15	620
50	1800	208-230/460	326T	57.3	180%	280%	93.0%	0.86	1.15	650
50	1200	208-230/460	365T	58.3	170%	250%	93.0%	0.81	1.15	680
60	3600	208-230/460	364TS	66.9	210%	260%	93.0%	0.87	1.15	675
60	1800	208-230/460	364T	69.7	180%	270%	93.6%	0.85	1.15	780
60	1200	208-230/460	404T	71.0	180%	250%	93.6%	0.83	1.15	1035

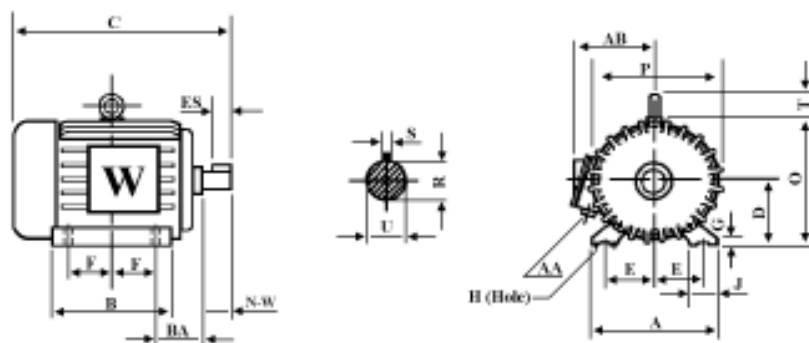
HP	RPM	Voltage	Frame Size	Full Load Current At 460V (A)	Locked Rotor Torque (%)	Break-down Torque (%)	Efficiency 100%	Power Factor 100%	Service Factor	Approx. Weight (Lbs.)
75	3600	208-230/460	365TS	83.2	200%	250%	93.0%	0.87	1.15	857
75	1800	208-230/460	365T	86.4	180%	240%	94.1%	0.84	1.15	870
75	1200	208-230/460	405T	89.0	180%	240%	93.6%	0.84	1.15	1100
100	3600	208-230/460	405TS	110	160%	260%	93.6%	0.89	1.15	1121
100	1800	208-230/460	405T	115	200%	290%	94.5%	0.87	1.15	1350
100	1200	208-230/460	444T	119	160%	260%	94.1%	0.82	1.15	1970
125	3600	208-230/460	444TS	137	120%	240%	94.5%	0.90	1.15	1250
125	1800	208-230/460	444T	137	170%	250%	94.5%	0.86	1.15	1500
125	1200	208-230/460	445T	141	150%	240%	94.1%	0.81	1.15	2100
150	3600	208-230/460	445TS	166	170%	290%	94.5%	0.88	1.15	1500
150	1800	208-230/460	445T	163	180%	250%	95.0%	0.87	1.15	1630
150	1200	208-230/460	447T	171	160%	250%	95.0%	0.83	1.15	2200
200	3600	208-230/460	447TS	219	170%	270%	95.0%	0.91	1.15	1800
200	1800	208-230/460	447T	223	200%	280%	95.0%	0.87	1.15	1858
200	1200	208-230/460	505UZ	230	180%	280%	95.0%	0.87	1.15	2469
250	1800	460	449T	282	228%	330%	95.9%	0.87	1.15	2508
250	1800	460	505UZ	276	190%	270%	94.8%	0.90	1.15	2360
250	1200	460	449T	300	188%	279%	95.1%	0.82	1.15	2750
250	1200	460	586/7	286	180%	280%	94.5%	0.86	1.15	3696
300	1800	460	449T	334	226%	326%	95.7%	0.88	1.15	2728
300	1800	460	586/7	328	190%	280%	95.0%	0.89	1.15	3784
300	1200	460	449T	355	191%	280%	94.5%	0.82	1.15	2830
300	1200	460	586/7	328	180%	290%	95.4%	0.88	1.15	4136
350	1800	460	586/7	385	180%	270%	95.0%	0.89	1.15	3968
350	1200	460	586/7	393	180%	280%	95.1%	0.87	1.15	4145
400	1800	460	586/7	430	200%	300%	95.3%	0.90	1.15	4101
400	1200	460	586/7	444	170%	300%	95.0%	0.88	1.15	4409
450	1800	460	586/7	478	200%	320%	96.1%	0.90	1.0	4500
450	1200	460	586/7	501	190%	307%	95.8%	0.86	1.0	4500
500	1800	460	586/7	539	228%	320%	95.8%	0.90	1.15	4630
500	1200	460	586/7	557	225%	270%	95.0%	0.87	1.0	4740

**All Ratings
Meet Or Exceed
EPACT Levels**



Industrial Duty Three-Phase Motors

Dimensions



Frame Size	A	B	C	D	E	F	G	H	J	N-W	O	P	R	S	T	U	ES	AA	AB	BA
143T	7	5	12.47	3.5	2.75	2	0.512	0.34	1.45	2.25	7.08	7.16	0.771	0.188	---	0.875	1.41	3/4	6.89	2.25
145T	7	6	13.466	3.5	2.75	2.5	0.512	0.34	1.45	2.25	7.08	7.16	0.771	0.188	---	0.875	1.41	3/4	6.89	2.25
182T	9	6.5	15.11	4.5	3.75	2.25	0.59	0.41	1.97	2.75	9	8.82	0.986	0.25	1.4	1.125	1.78	1	7.45	2.75
184T	9	7.5	16.116	4.5	3.75	2.75	0.59	0.41	1.97	2.75	9	8.82	0.986	0.25	1.4	1.125	1.78	1	7.45	2.75
213T	10.5	7.5	18.89	5.25	4.25	2.75	0.709	0.41	2.36	3.375	10.5	10.4	1.201	0.312	1.75	1.375	2.41	1	8.63	3.5
215T	10.5	9	20.488	5.25	4.25	3.5	0.709	0.41	2.36	3.375	10.5	10.4	1.201	0.312	1.75	1.375	2.41	1	8.63	3.5
254T	12.5	10.8	23.292	6.25	5	4.125	0.787	0.53	2.76	4	12.79	12.6	1.416	0.375	2.15	1.625	2.91	1.5	11.2	4.25
256T	12.5	12.5	25.058	6.25	5	5	0.787	0.53	2.76	4	12.79	12.6	1.416	0.375	2.15	1.625	2.91	1.5	11.2	4.25
284T	14	12.5	26.63	7	5.5	4.75	0.866	0.53	2.76	4.625	13.98	13.98	1.591	0.5	2.35	1.875	3.28	1.5	12	4.75
284TS	14	12.5	25.25	7	5.5	4.75	0.866	0.53	2.76	3.25	13.98	13.98	1.416	0.375	2.35	1.625	1.91	1.5	12	4.75
286T	14	14	28.182	7	5.5	5.5	0.866	0.53	2.76	4.625	13.98	13.98	1.591	0.5	2.35	1.875	3.28	1.5	12	4.75
286TS	14	14	26.8	7	5.5	5.5	0.866	0.53	2.76	3.25	13.98	13.98	1.416	0.375	2.35	1.625	1.91	1.5	12	4.75
324T	16	14	29.95	8	6.25	5.25	0.984	0.66	2.76	5.25	15.8	15.55	1.845	0.5	2.55	2.125	3.91	2	13.4	5.25
324TS	16	14	28.45	8	6.25	5.25	0.984	0.66	2.76	3.75	15.8	15.55	1.591	0.5	2.55	1.875	2.03	2	13.4	5.25
326T	16	15.5	31.236	8	6.25	6	0.984	0.66	2.76	5.25	15.8	15.55	1.845	0.5	2.55	2.125	3.91	2	13.4	5.25
326TS	16	15.5	29.74	8	6.25	6	0.984	0.66	2.76	3.75	15.8	15.55	1.591	0.5	2.55	1.875	2.03	2	13.4	5.25
364T	18	15.2	32.58	9	7	5.625	1.102	0.66	2.95	5.875	18.02	17.4	2.021	0.625	2.55	2.375	4.28	3	15.7	5.88
364TS	18	15.2	30.45	9	7	5.625	1.102	0.66	2.95	3.75	18.02	17.4	1.591	0.5	2.55	1.875	2.03	3	15.7	5.88
365T	18	16.2	34.114	9	7	6.125	1.102	0.66	2.95	5.875	18.02	17.4	2.021	0.625	2.55	2.375	4.28	3	15.7	5.88
365TS	18	16.2	31.45	9	7	6.125	1.102	0.66	2.95	3.75	18.02	17.4	1.591	0.5	2.55	1.875	2.03	3	15.7	5.88
404T	20	16.2	36.81	10	8	6.125	1.18	0.81	3.15	7.25	20.91	21.42	2.45	0.75	2.55	2.875	5.65	3	18.07	6.62
405T	20	17.8	38.35	10	8	6.875	1.18	0.81	3.15	7.25	20.91	21.42	2.45	0.75	2.55	2.875	5.65	3	18.07	6.62
405TS	20	17.8	35.354	10	8	6.875	1.18	0.81	3.15	4.25	20.91	21.42	1.845	0.5	2.55	2.125	2.78	3	18.07	6.62
444T	22	18.5	42.52	11	9	7.25	1.38	0.81	3.35	8.5	23.68	23.43	2.88	0.875	2.75	3.375	6.91	2 x 3	19.07	7.5
444TS	22	18.5	38.94	11	9	7.25	1.38	0.81	3.35	4.75	23.68	23.43	2.021	0.625	2.75	2.375	3.03	2 x 3	19.07	7.5
445T	22	20.5	44.5	11	9	8.25	1.38	0.81	3.35	8.5	23.68	23.43	2.88	0.875	2.75	3.375	6.91	2 x 3	19.07	7.5
445TS	22	20.5	40.71	11	9	8.25	1.38	0.81	3.35	4.75	23.68	23.43	2.021	0.625	2.75	2.375	3.03	2 x 3	19.07	7.5
447T	22	24	48.03	11	9	10	1.38	0.81	3.35	8.5	23.68	23.43	2.88	0.875	2.75	3.375	6.91	2 x 3	19.07	7.5
447TS	22	24	44.25	11	9	10	1.38	0.81	3.35	4.75	23.68	23.43	2.021	0.625	2.75	2.375	3.03	2 x 3	19.07	7.5
449T	22	31	55.27	11	9	12.5	1.575	0.81	3.35	8.5	23	23.62	2.88	0.875	4.25	3.375	6.91	2 x 3	19	7.5
505UZ	24.7	26	54	12.5	10	9	1.77	0.938	4.72	11.625	25.2	24.8	3.309	1	4.3	3.875	10	2 x 3	20.9	8.5
586/7	28.7	31.1	64.6	14.5	11.5	11	2.05	1.125	4.72	11.625	28.4	28.2	3.309	1	5	3.875	10	2 x 3	23.9	10



Industrial Duty Three-Phase Motors

