

Aggregate Duty - Blue Chip® Crusher, High Torque

Totally Enclosed, Rigid Base, Three Phase



Applications: Specifically designed for the aggregate industry crusher applications such as cone, jaw, and roller type impactors, pulverizers, etc.

Features: Blue Chip® quality, 100% cast iron construction for rigidity and reduced vibration
 NEMA Design C
 4140 Shaft Material
 Roller Bearing on Drive End for belted loads
 1.15 Service Factor
 80° C rise at rated load
 Class F insulation
 Inpro® Smart Ring, rotating shaft seals on each end of shaft
 Internal and external epoxy paint
 Brass drain and breather
 Actual test and vibration data supplied with each motor

IP55

DEFINITE PURPOSE

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
100	1800	460	405T	Y822	405TTFS8857		\$7,408	E4	93.6	117	37.12	YD
125	1800	460	444T	Y824	444TTFS8841		\$10,057	E4	94.5	142	41.25	YD
150	1800	460	445T	Y826	445TTFS8870		\$11,026	E4	94.1	174	43.25	YD
200	1200	460	449T	Y855	449TTFS8576		\$16,465	E4	94.5	245	51.84	YD
250	1200	460	449T	Y857	449TTFS8581		\$21,974	E4	95.4	304	51.84	YD

Air Compressor, Single Phase

Dripproof, Rigid Base



Features: Capacitor start / capacitor run design for low amps and high efficiency, as noted
 High starting and breakdown torque
 Heavy gauge steel frame and base
 Continuous duty at nameplate ratings
 Thermal protection, as noted
 UL Recognized and CSA Certified

HP	RPM	VOLTS	FRAME	OVER LOAD	CAT. NO.	MODEL NO.	STOCK	FORMER CAT. NO.	FORMER MODEL NO.	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/2	3600	115	56	MANUAL	9031	5KC49MN2043Y	*	D014	56C34D2107	\$201	F1	11.5	11.14	2,17
	1800	115/208-230	56	MANUAL	C169	5KC49GN0010Y	*	G912	56C17D2013	\$266	F1	8.8/4.4	10.38	2
3/4	3600	115	56	MANUAL	9032	5KC49MN2049Y	*	D015	56C34D2094	\$233	F1	12.5	11.14	2,17
	1800	115/208-230	56	MANUAL	K016	56B17D56				\$324	F1	11.0/5.5	11.47	1
1	3600	115/208-230	56	MANUAL	D010	56B34D2029	*	9033	5KC49NN2050Y	\$267	F1	10.6/5.5-5.3	11.72	1
	1800	115/208-230	56	MANUAL	C1480	5KC49PN0161Y	*	G936	56C17D5305	\$353	F1	13.6/6.8	11.38	2
1 1/2	3600	115/208-230	56	MANUAL	C704	5KC49PN2521Y	*	D018	56B34D133	\$345	F1	21.3/10.6	11.91	2
	1800	115/208-230	56H	MANUAL	G951	56C17D5308	*	C1299	5KCR48WN0756Y	\$414	F1	18.0/9.3-9.0	12.44	2,5,7
2	3600	115/208-230	56H	MANUAL	9035	5KCR48TN2650Y	*	D012	56B34D5318	\$432	F1	15.0/7.5	11.14	ES,1,17
	1800	115/208-230	145T	MANUAL	I127	145TBDR5337	*			\$497	S1	18.8/10.2-9.4	13.49	1,7
3	3600	230	56H	MANUAL	9036	5KCR48UN2653Y	*	D013	56B34D5332	\$563	F1	15.0	11.44	ES,1,17
	1800	230	184T	NONE	Z502	184TBDR5326	*			\$520	S1	12.6	14.27	1
SPCL	3600	230	56	MANUAL	9040	5KCR48UN2654Y	*			\$504	F1	15.0	12.1	ES,1
5	3600	230	56H	MANUAL	9038	5KCR49ZN2151U	*			\$599	F1	21.0	15.04	ES,1,5,17
	3600	230	56H	MANUAL	D017	56B34D5302	*			\$599	F1	20.0	13.94	1,5
	3600	230	184T	NONE	Z504	184TBDR5301				\$730	S1	20.0	14.77	1
	1800	208-230	184T	MANUAL	I1119	184TBDR7375	*	I119	184TBDR7375	\$829	S1	25.0-24.1	16.22	1,13
	1800	208-230	184T	NONE	I114	184TBDR7026	*			\$488	S1	23.0-21.0	15.70	1
	1800	208-230	184T	NONE	I1114	184TBDW7026	*			\$642	S1	23.0-21.0	14.69	1,13
	1800	208-230	184T	NONE	Z1506	184TBDR7656		Z506	184TBDR7656	\$625	S1	22.0-20.0	15.21	1,13
	7 1/2	3600	208-230	184T	NONE	I1108	184TBDW7001	*			\$720	S1	34.3-31.0	16.69
10	3600	208-230	213T	NONE	I105	213TCDW7001	*			\$974	S1	40.0-37.0	16.55	2
	1800	208-230	215T	NONE	I115	215TBDW7026	*			\$961	S1	37.2-34.5	18.05	1
10	1800	208-230	215T	NONE	I116	215TBDW7028	*			\$1,237	S1	49.0-44.0	19.3	1

Automotive Duty, U-Frame: GM 7EQ and GM 7EH

Three Phase, Totally Enclosed, Rigid Base



Applications: For use in plants that require automotive approved motors. These motors are designed to meet the mechanical and electrical requirements of Daimler Chrysler NPEM-100, Ford EM-1, and General Motors GM 7EQ specifications.

Features:

- AQ = Standard efficiency and meets GM 7EQ (see footnote)**
- AH = Premium efficiency and meets GM 7EH and GM 7EQ (see footnote)**
- Cast iron construction
- Oversized, fully gasketed, cast iron conduit box
- Oversized ball bearings
- NEMA Design B
- Class F insulation
- 1.0 Service Factor at 65°C ambient, 1.15 Service Factor at 40°C ambient
- V-Ring shaft seals
- Five year warranty

DEFINITE PURPOSE

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1	1800	460	182U	P412	182UTTS4026		\$798	E9	87.5	1.5	12.21	AH
	1800	460	182U	P312	182UTTS8026		\$619	E9	86.5	1.5	12.21	AQ
	1200	460	184U	P413	184UTTS4076		\$976	E9	86.5	1.7	13.21	AH
	1200	460	184U	P313	184UTTS8076		\$758	E9	85.5	1.7	13.21	AQ
1 1/2	3600	460	182U	P415	182UTTS4001		\$736	E9	85.5	2.0	12.21	AH
	1800	460	184U	P416	184UTTS4026		\$855	E9	88.5	2.1	13.21	AH
	1800	460	184U	P316	184UTTS8026		\$664	E9	87.5	2.1	13.21	AQ
	1200	460	184U	P417	184UTTS4078		\$1,077	E9	87.5	2.2	13.21	AH
2	3600	460	184U	P419	184UTFS4001		\$811	E9	85.5	2.7	15.69	AH
	1800	460	184U	P420	184UTFS4026		\$901	E9	89.5	2.6	15.69	AH
	1800	460	184U	P320	184UTFS8026		\$698	E9	88.5	2.6	15.69	AQ
	1200	460	213U	P421	213UTFS4076		\$1,192	E9	87.5	3.1	17.82	AH
	1200	460	213U	P321	213UTFS8076		\$926	E9	86.5	3.1	17.82	AQ
3	3600	460	184U	P423	184UTFS4002		\$920	E9	87.5	3.8	15.69	AH
	1800	460	213U	P424	213UTFS4026		\$1,037	E9	88.5	4.0	17.82	AH
	1200	460	215U	P425	215UTFS4076		\$1,477	E9	89.5	4.4	19.32	AH
	1200	460	215U	P325	215UTFS8076		\$1,149	E9	88.5	4.4	19.32	AQ
5	3600	460	213U	P427	213UTFS4001		\$1,095	E9	87.5	6.4	17.82	AH
	1800	460	215U	P428	215UTFS4026		\$1,375	E9	89.5	6.5	19.32	AH
	1800	460	215U	P328	215UTFS8026		\$1,067	E9	88.5	6.5	19.32	AQ
	1200	460	254U	P429	254UTFNA4076		\$2,055	E9	90.2	6.7	23.27	AH
7 1/2	3600	460	215U	P431	215UTFS4001	★	\$1,330	E9	88.5	9.5	19.32	d,AH
	1800	460	254U	P432	254UTFPA4026		\$1,806	E9	91.7	9.6	23.44	AH
	1800	460	254U	P332	254UTFPA8026		\$1,443	E9	90.2	9.6	23.44	AQ
	1200	460	256U	P433	256UTFNA4076		\$2,628	E9	91.0	9.9	25.02	AH
	1200	460	256U	P333	256UTFNA8076		\$2,100	E9	89.5	9.9	25.02	AQ
10	3600	460	254U	P435	254UTFPA4001	★	\$1,592	E9	90.2	12.0	23.44	d,AH,NS
	1800	460	256U	P436	256UTFPA4026		\$2,194	E9	91.7	12.5	25.19	AH
	1800	460	256U	P336	256UTFPA8026		\$1,755	E9	90.2	12.5	25.19	AQ
	1200	460	284U	P437	284UTFPA4076		\$3,219	E9	91.0	13.1	26.52	AH
15	3600	460	256U	P439	256UTFNA4001		\$2,029	E9	91.7	17.5	25.02	AH,NS
	1800	460	284U	P440	284UTFPA4026		\$3,013	E9	92.4	18.0	26.52	AH
	1800	460	284U	P340	284UTFPA8026		\$2,411	E9	91.0	18.0	26.52	AQ
	1200	460	324U	P441	324UTFS4076		\$4,334	E9	92.4	19.2	29.24	AH
	1200	460	324U	P341	324UTFS8076		\$3,462	E9	91.0	19.5	29.24	AQ

Blue shaded areas are Cast Iron Frames

Continued on next page.

Automotive Duty, U-Frame: GM 7EQ and GM 7EH

Three Phase, Totally Enclosed, Rigid Base

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
20	3600	460	286U	P444	286UTFPA4001		\$2,761	E9	92.4	23.4	28.02	AH,NS
	1800	460	286U	P445	286UTFPA4026		\$3,700	E9	93.0	25.0	28.02	AH
	1800	460	286U	P344	286UTFPA8026		\$2,959	E9	91.0	24.1	28.02	AQ
	1200	460	326U	P446	326UTFS4076		\$5,295	E9	92.4	25.0	30.74	AH
25	3600	460	324US	P450	324USTFPA4001		\$3,541	E9	93.6	28.1	26.97	AH,NS
	1800	460	324U	P451	324UTFS4026		\$4,632	E9	94.1	30.0	29.24	AH
	1800	460	324U	P348	324UTFS8026		\$3,702	E9	93.0	30.0	29.24	AQ
	1200	460	364U	P453	364UTFS4086		\$6,393	E9	93.0	31.0	32.00	AH
	1200	460	364U	P349	364UTFS8086		\$5,111	E9	91.7	31.0	32.00	AQ
	1200	460	364U	P349	364UTFS8086		\$5,111	E9	91.7	31.0	32.00	AQ
30	3600	460	326US	P457	326USTFPA4001		\$4,271	E9	91.0	35.0	28.47	AH,NS
	1800	460	326U	P458	326UTFS4026		\$5,412	E9	94.1	35.5	30.74	AH
	1800	460	326U	P352	326UTFS8026		\$4,327	E9	92.4	36.0	30.74	AQ
	1200	460	365U	P460	365UTFS4086		\$7,234	E9	93.0	37.0	33.00	AH
	1200	460	365U	P353	365UTFS8086		\$5,785	E9	91.7	37.0	33.00	AQ
40	3600	460	364US	P464	364USTFS4001		\$5,575	E9	93.6	45.0	29.38	AH,NS
	1800	460	364U	P465	364UTFS4036		\$7,137	E9	94.1	46.5	32.00	AH
	1200	460	404U	P467	404UTFS4086		\$9,320	E9	93.6	49.0	35.50	AH
50	3600	460	365US	P471	365USTFS4001		\$7,036	E9	94.1	56.0	30.38	AH,NS
	1800	460	365U	P472	365UTFS4036		\$8,372	E9	94.5	57.0	33.00	AH,VB
	1800	460	365U	P360	365UTFS8036		\$6,691	E9	93.0	57.0	33.00	AQ
	1200	460	405U	P474	405UTFS4086		\$10,765	E9	94.1	59.0	37.00	AH
60	3600	460	405US	P478	405USTFS4001		\$8,371	E9	94.1	65.5	34.12	AH,VB
	1800	460	405U	P479	405UTFS4036		\$10,394	E9	95.0	67.5	37.00	AH,VB
	1800	460	405U	P364	405UTFS17033		\$8,310	E9	93.6	68.5	37.00	AQ
	1200	460	444U	P481	444UTFS4086		\$12,639	E9	94.1	71.0	41.38	AH
	1200	460	444U	P365	444UTFS17077		\$10,103	E9	93.6	71.0	41.38	AQ
75	3600	460	444US	P485	444USTFS4001		\$11,000	E9	94.1	82.0	37.00	AH
	1800	460	444U	P486	444UTFS4036		\$12,819	E9	95.0	85.0	41.38	AH
	1200	460	445U	P488	445UTFN4086		\$14,987	E9	95.0	90.0	43.51	AH
100	3600	460	445US	P492	445USTFN4001		\$14,536	E9	95.4	113	38.94	AH
	1800	460	445U	P493	445UTFN4036		\$15,938	E9	95.4	113	43.51	AH,VB

Blue shaded areas are Cast Iron Frames

Automotive Duty, U-Frame: GM 7EQ, GM 7EH, Ford EM-1, and Chrysler NPEM-10

Three Phase, Totally Enclosed

Applications: For use in plants that require automotive approved motors. These motors are designed to meet the mechanical and electrical requirements of Daimler Chrysler NPEM-100, Ford EM-1, and General Motors GM 7EH and GM 7EQ specifications.

Features:

**Premium efficiency conforms to GM 7EH
Satisfies Ford EM-7, Daimler Chrysler NPEM-100 and GM-7EQ**

- Cast iron construction
- Oversized, fully gasketed, cast iron conduit box
- Oversized ball bearings
- NEMA Design B
- Class F insulation
- 1.0 Service Factor at 65°C ambient, 1.15 Service Factor at 40°C ambient
- V-Ring shaft seals
- Five year warranty



DEFINITE PURPOSE

C-Face Footless

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1	1800	460	182UC	P612	182UTTS4028		\$855	E9	87.5	1.5	12.96	
	1200	460	184UC	P613	184UTTS4080		\$1,032	E9	86.5	1.7	13.96	
1 1/2	1800	460	184UC	P614	184UTTS4028		\$912	E9	88.5	2.1	13.96	
	1200	460	184UC	P615	184UTTS4081		\$1,134	E9	87.5	2.2	13.96	
2	1800	460	184UC	P616	184UTFS4028		\$959	E9	89.5	2.6	16.22	
	1200	460	213UC	P617	213UTFS4079		\$1,258	E9	87.5	3.1	18.58	NS
3	1800	460	213UC	P618	213UTFS4028		\$1,103	E9	88.5	4.0	18.58	NS
	1200	460	215UC	P619	215UTFS4079		\$1,544	E9	89.5	4.4	20.08	NS
5	1800	460	215UC	P620	215UTFS4028		\$1,441	E9	89.5	6.5	20.08	NS
	1200	460	254UC	P621	254UTFNA4079		\$2,141	E9	90.2	6.7	25.51	
7 1/2	1800	460	254UC	P622	254UTFPA4028		\$1,893	E9	91.7	9.6	23.94	
	1200	460	256UC	P623	256UTFNA4079		\$2,714	E9	91.0	9.9	25.51	
10	1800	460	256UC	P624	256UTFPA4028		\$2,281	E9	91.7	12.5	25.69	
	1200	460	284UC	P625	284UTFPA4079		\$3,370	E9	91.0	13.1	26.50	
15	1800	460	284UC	P626	284UTFPA4028		\$3,165	E9	92.4	18.0	26.50	
20	1800	460	286UC	P627	286UTFPA4028		\$3,853	E9	93.0	24.1	28.00	
25	1800	460	324UC	P628	324UTFS4028		\$4,884	E9	94.1	30.0	29.25	
30	1800	460	326UC	P629	326UTFS4028		\$5,664	E9	94.1	35.5	30.75	
	1200	460	365UC	P630	365UTFS4088		\$7,642	E9	93.0	37.0	33.00	
40	1800	460	364UC	P631	364UTFS4028		\$7,543	E9	94.1	47.0	32.00	
50	1800	460	365UC	P633	365UTFS4028		\$8,778	E9	94.5	57.0	33.00	
60	1800	460	405UC	P635	405UTFS4028		\$10,878	E9	95.0	67.5	37.00	
75	1800	460	444UC	P637	444UTFS4028		\$13,418	E9	95.0	85.0	43.38	
100	1800	460	445UC	P639	445UTFN4028		\$16,533	E9	95.4	113	43.50	

C-Face Footed (Rigid Base)

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
1	1800	460	182UC	P512	182UTTS4027		\$855	E9	87.5	1.5	12.96	
	1200	460	184UC	P513	184UTTS4077		\$1,032	E9	86.5	1.7	13.96	
1 1/2	1800	460	184UC	P515	184UTTS4027		\$912	E9	88.5	2.1	13.96	
	1200	460	184UC	P516	184UTTS4079		\$1,134	E9	87.5	2.2	13.96	

Blue shaded areas are Cast Iron Frames

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Automotive Duty, U-Frame: GM 7EQ, GM 7EH, Ford EM-1, and Chrysler NPEM-10

Three Phase, Totally Enclosed

C-Face Footed (Rigid Base)

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
2	1800	460	184UC	P518	184UTFS4027		\$959	E9	89.5	2.6	16.28	
	1200	460	213UC	P519	213UTFS4078		\$1,258	E9	87.5	3.1	18.58	NS
3	3600	460	184UC	P520	184UTFS4004		\$977	E9	87.5	3.8	16.28	
	1800	460	213UC	P521	213UTFS4027		\$1,103	E9	88.5	4.0	18.58	NS
	1200	460	215UC	P522	215UTFS4078		\$1,544	E9	89.5	4.4	20.08	NS
5	1800	460	215UC	P524	215UTFS4027		\$1,441	E9	89.5	6.5	20.08	NS
	1200	460	254UC	P525	254UTFNA4078		\$2,141	E9	90.2	6.7	23.77	
7 1/2	1800	460	254UC	P527	254UTFPA4027		\$1,893	E9	91.7	9.6	23.89	
	1200	460	256UC	P528	256UTFNA4078		\$2,714	E9	91.0	9.9	25.52	
10	1800	460	256UC	P530	256UTFPA4027		\$2,281	E9	91.7	12.5	25.64	
	1200	460	284UC	P531	284UTFPA4078		\$3,370	E9	91.0	13.1	26.52	
15	1800	460	284UC	P533	284UTFPA4027		\$3,165	E9	92.4	18.0	26.52	
	1200	460	324UC	P534	324UTFS4078		\$4,587	E9	92.4	19.0	29.25	
20	1800	460	286UC	P536	286UTFPA4027		\$3,853	E9	93.0	24.1	28.02	
	1200	460	326UC	P537	326UTFS4078		\$5,549	E9	92.4	25.0	30.75	
25	3600	460	324UC	P538	324UTFS4002		\$3,795	E9	93.6	28.0	29.25	
	1800	460	324UC	P539	324UTFS4027		\$4,884	E9	94.1	30.0	29.25	
	1200	460	364UC	P540	364UTFS4087		\$6,800	E9	93.0	31.0	32.00	
75	1800	460	444UC	P554	444UTFS4027		\$13,418	E9	95.0	85.0	41.38	

Blue shaded areas are Cast Iron Frames

DEFINITE PURPOSE

Blue Chip® Severe Duty / Automotive Duty: Ford EM-1 NEMA Premium® XRI®, Hazardous Duty™

Totally Enclosed, Rigid Base, Three Phase



Applications: Chemical plants, paper mills, refineries, mines, food processing, foundries, and other severe duty environments where long life and ultra-high efficiency are desired. Guaranteed efficiencies offer an **eXtra Return** on your **Investment** when using these premium efficiency motors on high cycle or long run applications.

Features:

- Meets or exceeds NEMA Premium® efficiencies, except where noted
- NEMA Premium® models are in compliance with EISA2007
- Blue Chip® quality, 100% cast iron construction for rigidity and reduced vibration
- Provisions to add stub shaft for an encoder (182T-449T, TEFC only)
- Internal and external epoxy paint
- MAX GUARD® Class F insulation system
- Constant Torque speed range is listed in CT SPEED RANGE column
- 1.15 Service Factor on sinewave, 1.0 Service Factor on IGBT power
- Bearing caps (254T and larger)
- Precision balanced
- Extended grease tubes, regreasable in service
- Brass drain and breather
- Meets IEEE45 USCG Marine Duty, IP54 Construction
- Meets Ford EM1 Automotive Duty Specification
- Hazardous Duty™ Division 2 CSA certification nameplate
- Division 2 / Zone 2 Class I (gases), Groups A, B, C, D
- Meets temperature code T2B
- Actual test and vibration data supplied with each motor
- Ball bearings (except as noted)
- UL Recognized (through 449T) and CSA Certified
- Three year warranty



Models through 40 HP are capable of modification as follows (contact factory to confirm):

- 1.25 Service Factor (sinewave only)
- 50Hz at same HP, 1.0 Service Factor (sinewave only)
- Certain combinations of existing and new nameplate markings are not possible (contact factory to confirm)
- Any nameplate changes are subject to modification charges (see MOD Central section)
- Contact Marathon Electric for optional nameplate markings on 50 HP and larger

Suitable for use on VFD per guidelines on page 17.

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C FACE KIT
3/4	1200	460	143T	E648	143TTN6576	★	1000:1	\$561	E9	80.0	1.4	10.43	75,76,N	A603
	1200	460	143T	E373	143TTFN6576		20:1	\$617	E9	80.0	1.4	12.92	75,76	A603
1	1800	460	143T	E649	143TTN6526	★	1000:1	\$458	E9	85.5	1.5	10.43	75,76,N	A603
	1800	460	143T	E374	143TTFN6526		20:1	\$504	E9	85.5	1.5	12.92	75,76	A603
	1800	230/460	143T	E461	143TTN6563	★	1000:1	\$458	E9	85.5	3.1/1.5	12.95	75,76,N	A603
	1800	230/460	143T	E375	143TTFN6563		20:1	\$504	E9	85.5	3.1/1.5	12.95	75,76	A603
	1800	575	143T	E666	143TTN6530	★	1000:1	\$458	E9	85.5	1.2	10.43	75,76,N	A603
	1800	575	143T	E376	143TTFN16539		20:1	\$504	E9	85.5	1.2	14.17	75,76	A603
	1200	460	145T	E650	145TTN6576	★	1000:1	\$576	E9	80.0	1.65	11.43	75,76,N,NP	A655
	1200	230/460	145T	E462	145TTN6584		1000:1	\$576	E9	80.0	3.3/1.65	11.43	75,76,N,NP	A655
1 1/2	3600	460	143T	E651	143TTN6501	★	1000:1	\$573	E9	86.5	2.0	10.43	75,76,N	A603
	3600	460	143T	E377	143TTFN6501		20:1	\$630	E9	85.5	2.0	14.17	75,76	A603
	3600	230/460	143T	E463	143TTN6502		1000:1	\$573	E9	86.5	4.0/2.0	10.43	75,76,N	A603
	3600	230/460	143T	E378	143TTFN6502		20:1	\$630	E9	85.5	4.0/2.0	14.17	75,76	A603
	3600	575	143T	E851	143TTN6505		1000:1	\$573	E9	86.5	1.6	10.43	75,76,N	A603
	3600	575	143T	E379	143TTFN6505		20:1	\$630	E9	85.5	1.6	14.17	75,76	A603
	1800	460	145T	E652	145TTN6526	★	1000:1	\$497	E9	84.0	2.2	11.43	75,76,N,NP	A655
	1800	230/460	145T	E464	145TTN6834	★	1000:1	\$497	E9	84.0	4.4/2.2	11.43	75,76,N,NP	A655
	1800	575	145T	E667	145TTN6529		1000:1	\$497	E9	84.0	1.8	11.43	75,76,N,NP	A655
	1200	460	182T	E632	182TTS6576	★	1000:1	\$737	E9	87.5	2.2	12.71	75,76,N	A644
	1200	460	182T	E380	182TTFN6576		20:1	\$811	E9	87.5	2.2	15.19	75	A644
	1200	230/460	182T	E465	182TTS6578		1000:1	\$737	E9	87.5	4.4/2.2	12.71	75,N	A644
2	3600	460	145T	E653	145TTN6501	★	1000:1	\$601	E9	85.5	2.5	11.43	75,76,N	A655
	3600	460	145T	E382	145TTFN6501		20:1	\$661	E9	85.5	2.0	14.17	75,76	A655
	3600	230/460	145T	E466	145TTN6521		1000:1	\$601	E9	85.5	5.0/2.5	11.43	75,76,N	A655
	3600	230/460	145T	E383	145TTFN6521		20:1	\$661	E9	85.5	4.0/2.0	14.17	75,76	A655
	3600	575	145T	E852	145TTN6505		1000:1	\$601	E9	85.5	2.0	11.43	75,76,N	A655

Blue shaded areas are Cast Iron Frames

* Requires nameplate modification

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPA and/or NRC Canadian standards.

Continued on next page.

Blue Chip® Severe Duty / Automotive Duty: Ford EM-1 NEMA Premium® XRI®, Hazardous Duty™

Totally Enclosed, Rigid Base, Three Phase

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C FACE KIT	
2	1800	460	145T	E654	145TTTN6527	★	1000:1	\$546	E9	85.5	3.0	11.43	75,76,N,NP	A655	
	1800	230/460	145T	E467	145TTTN6835	★	1000:1	\$546	E9	85.5	6.0/3.0	11.43	75,76,N,NP	A655	
	1800	575	145T	E668	145TTTN6530	★	1000:1	\$546	E9	85.5	2.4	11.43	75,76,N,NP	A655	
	1200	460	184T	E633	184TTTS6576	★	1000:1	\$911	E9	88.5	3.0	13.71	75,N	A644	
	1200	460	184T	E388	184TTFS6576		20:1	\$1,002	E9	88.5	2.9	16.19	75	A644	
	1200	230/460	184T	E468	184TTTS6582	★	1000:1	\$911	E9	88.5	6.0/3.0	13.71	75,N	A644	
3	3600	460	182T	E601	182TTTS6501	★	1000:1	\$825	E9	87.5	3.8	12.71	75,N	A644	
	3600	230/460	182T	E390	182TTFS6501		20:1	\$908	E9	87.5	3.8	15.19	75	A644	
	3600	575	182T	E853	182TTTS6505		1000:1	\$825	E9	87.5	3.0	12.71	75,N	A644	
	3600	575	182T	E392	182TTFS6505		20:1	\$908	E9	87.5	3.0	21.57	75	A644	
	1800	460	182T	E616	182TTTS6526	★	1000:1	\$740	E9	90.2	4.0	12.71	75,N	A644	
	1800	230/460	182T	E470	182TTTS6538	★	1000:1	\$740	E9	90.2	8.0/4.0	12.71	75,N	A644	
	1800	575	182T	E669	182TTTS6530	★	1000:1	\$740	E9	90.2	3.2	12.71	75,N	A644	
	1200	460	213T	E634	213TTFS6576	★	20:1	\$1,122	E9	89.5	4.4	18.22	75	A206	
	1200	230/460	213T	E471	213TTFS6594	★	20:1	\$1,122	E9	89.5	8.8/4.4	18.22	75	A206	
5	3600	460	184T	E602	184TTFS6501	★	2:1	\$917	E9	89.5	5.9	16.19	75	A644	
	3600	230/460	184T	E472	184TTFS6810	★	2:1	\$917	E9	89.5	11.8/5.9	16.19	75	A644	
	3600	575	184T	E655	184TTFS6505	★	20:1	\$917	E9	89.5	4.7	16.19	75	A644	
	1800	460	184T	E617	184TTFS6526	★	20:1	\$858	E9	90.2	6.2	16.19	75	A644	
	1800	230/460	184T	E473	184TTFS6844	★	20:1	\$858	E9	90.2	12.4/6.2	16.19	75	A644	
	1800	575	184T	E670	184TTFS6530	★	20:1	\$858	E9	90.2	5.0	16.19	75	A644	
	1200	460	215T	E635	215TTFS6576	★	20:1	\$1,378	E9	89.5	6.9	19.72	75	A206	
	1200	230/460	215T	E474	215TTFS6881	★	20:1	\$1,378	E9	89.5	13.8/6.9	19.72	75	A206	
	1200	575	215T	E683	215TTFS6580	★	20:1	\$1,378	E9	89.5	5.5	19.72	75	A206	
	7 1/2	3600	460	213T	E603	213TTTS6501	★	1000:1	\$1,108	E9	91.7	8.9	17.19	75,N	A206
3600		460	213T	E396	213TTFS6501		2:1	\$1,219	E9	89.5	8.9	19.72	75	A206	
3600		230/460	213T	E475	213TTTS6502	★	1000:1	\$1,108	E9	91.7	17.8/8.9	17.19	75,N	A206	
3600		575	213T	E656	213TTTS6505	★	1000:1	\$1,108	E9	91.7	7.1	17.19	75,N	A206	
1800		460	213T	E618	213TTFS6526	★	20:1	\$1,051	E9	91.7	9.6	19.72	75	A206	
1800		230/460	213T	E476	213TTFS6531	★	20:1	\$1,051	E9	91.7	19.2/9.6	19.72	75	A206	
1800		575	213T	E671	213TTFS6530	★	20:1	\$1,051	E9	91.7	7.7	19.72	75	A206	
1200		460	254T	E636	254TTFNA6576	★	20:1	\$1,786	E9	91.0	9.9	23.52	75	A284	
1200		230/460	254T	E477	254TTFNA6590	★	20:1	\$1,786	E9	91.0	19.8/9.9	23.52	75	A284	
1200		575	254T	E684	254TTFNA6578		20:1	\$1,786	E9	91.0	7.9	23.52	75	A284	
10		3600	460	215T	E604	215TTFS6501	★	2:1	\$1,293	E9	91.7	11.8	19.72	75	A206
		3600	230/460	215T	E478	215TTFS6807	★	2:1	\$1,293	E9	91.7	23.6/11.8	19.72	75	A206
	3600	575	215T	E657	215TTFS6505		2:1	\$1,293	E9	91.7	9.5	19.72	75	A206	
	1800	460	215T	E619	215TTFS6526	★	20:1	\$1,266	E9	91.7	12.5	19.72	75	A206	
	1800	230/460	215T	E479	215TTFS6527	★	20:1	\$1,266	E9	91.7	25.0/12.5	19.72	75	A206	
	1800	575	215T	E672	215TTFS6530	★	20:1	\$1,266	E9	91.7	10.0	19.72	75	A206	
	1200	460	256T	E637	256TTFNA6576	★	20:1	\$2,182	E9	91.0	13.1	25.27	75	A284	
	1200	230/460	256T	E480	256TTFNA6596	★	20:1	\$2,182	E9	91.0	26.2/13.1	25.27	75	A284	
	1200	575	256T	E685	256TTFNA6578		20:1	\$2,182	E9	91.0	10.5	25.27	75	A284	

Blue shaded areas are Cast Iron Frames

* Requires nameplate modification

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPA and/or NRCan Canadian standards.

Continued on next page.

Blue Chip® Severe Duty / Automotive Duty: Ford EM-1 NEMA Premium® XRI®, Hazardous Duty™

Totally Enclosed, Rigid Base, Three Phase

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C FACE KIT
15	3600	460	254T	E605	254TTFNA6501	★	2:1	\$1,732	E9	91.7	17.5	23.52	75	A284
	3600	230/460	254T	E481	254TTFNA6515	★	2:1	\$1,732	E9	91.7	35.0/17.5	23.52	75	A284
	3600	575	254T	E658	254TTFNA6503	★	2:1	\$1,732	E9	91.7	14.2	23.52	75	A284
	1800	460	254T	E620	254TTFNA6526	★	20:1	\$1,626	E9	92.4	18.8	23.52	75	A284
	1800	230/460	254T	E482	254TTFNA6529	★	20:1	\$1,626	E9	92.4	37.6/18.8	23.52	75	A284
	1800	575	254T	E673	254TTFNA6528	★	20:1	\$1,626	E9	92.4	15.0	23.52	75	A284
	1200	460	284T	E638	284TTFNA6576	★	20:1	\$2,896	E9	91.7	20.4	26.34		A618
	1200	230/460	284T	E483	284TTFNA6876	★	20:1	\$2,896	E9	91.7	40.8/20.4	26.34		A618
	1200	575	284T	E694	284TTFNA6580		20:1	\$2,896	E9	91.7	16.3	26.34		A618
20	3600	460	256T	E606	256TTFNA6501	★	2:1	\$2,146	E9	92.4	23.4	25.27	75	A284
	3600	230/460	256T	E484	256TTFNA6523	★	2:1	\$2,146	E9	92.4	47.0/23.4	25.27	75	A284
	3600	575	256T	E659	256TTFNA6503	★	2:1	\$2,146	E9	92.4	18.7	25.27	75	A284
	1800	460	256T	E621	256TTFNA6526	★	20:1	\$2,026	E9	93.0	24.1	25.27	75	A284
	1800	230/460	256T	E485	256TTFNA6529	★	20:1	\$2,026	E9	93.0	48.2/24.1	25.27	75	A284
	1800	575	256T	E674	256TTFNA6528	★	20:1	\$2,026	E9	93.0	19.3	25.27	75	A284
	1200	460	286T	E639	286TTFNA6576	★	20:1	\$3,528	E9	91.7	26.8	27.84		A618
	1200	230/460	286T	E486	286TTFNA6876		20:1	\$3,528	E9	91.7	53.5/26.8	27.84		A618
	1200	575	286T	E695	286TTFNA6580		20:1	\$3,528	E9	91.7	21.4	27.84		A618
25	3600	460	284TS	E607	284TSTFNA6501	★	2:1	\$2,644	E9	93.6	28.1	24.97		A618
	3600	575	284TS	E660	284TSTFNA6502	★	2:1	\$2,644	E9	93.6	22.5	24.97		A618
	1800	460	284T	E622	284TTFNA6526		20:1	\$2,413	E9	93.6	31.0	26.34		A618
	1800	230/460	284T	E488	284TTFNA6837	★	20:1	\$2,413	E9	93.6	62.0/31.0	26.34		A618
	1800	575	284T	E675	284TTFNA6527	★	20:1	\$2,413	E9	93.6	24.8	26.34		A618
	1200	460	324T	E640	324TTFS6576	★	20:1	\$4,276	E9	93.0	32.5	28.87		A214
	1200	575	324T	E696	324TTFS6577		20:1	\$4,276	E9	93.0	26.0	28.87		A214
30	3600	460	286TS	E608	286TSTFNA6501	★	2:1	\$3,087	E9	93.6	34.1	26.47		A618
	3600	230/460	286TS	E490	286TSTFNA6804	★	2:1	\$3,087	E9	93.6	67.5/34.0	26.47		A618
	1800	460	286T	E623	286TTFNA6526	★	20:1	\$2,805	E9	94.1	36.5	27.84		A618
	1800	230/460	286T	E491	286TTFNA6570	★	20:1	\$2,805	E9	94.1	73.0/36.5	27.84		A618
	1800	575	286T	E676	286TTFNA6527	★	20:1	\$2,805	E9	94.1	29.2	27.84		A618
	1200	460	326T	E641	326TTFS6576	★	20:1	\$4,926	E9	93.0	38.5	30.37		A214
	1200	575	326T	E400	326TTFS6580		20:1	\$4,926	E9	93.0	31.0	30.37		A214
40	3600	460	324TS	E609	324TSTFS6501	★	2:1	\$4,072	E9	93.6	47.0	27.37		A214
	3600	575	324TS	E662	324TSTFS6505		2:1	\$4,072	E9	93.6	37.5	27.37		A214
	1800	460	324T	E624	324TTFS6526	★	20:1@	\$3,726	E9	94.1	47.5	30.37		A214
	1800	575	324T	E677	324TTFS6527	★	20:1@	\$3,726	E9	94.1	38.0	30.37	d	A214
	1200	460	364T	E642	364TTFS6586	★	20:1@	\$6,675	E9	93.6	50.0	31.50	NP	A395
	1200	575	364T	E401	364TTFS6590		20:1@	\$6,675	E9	93.6	40.0	31.50	NP	A395
50	3600	460	326TS	E610	326TSTFS6501	★	2:1	\$5,268	E9	93.6	58.0	28.87		A214
	3600	575	326TS	E663	326TSTFS6502		2:1	\$5,268	E9	93.6	46.5	28.87		A214
	1800	460	326T	E625	326TTFS6526	★	20:1@	\$4,576	E9	94.5	60.0	31.87		A214
	1800	460	326TS	E453	326TSTFS6536		20:1@	\$4,576	E9	94.5	60.0	28.87		A214
	1800	575	326T	E678	326TTFS6527	★	20:1@	\$4,576	E9	94.5	48.0	30.37		A214
	1200	460	365T	E643	365TTFS6586	★	20:1@	\$7,666	E9	93.6	61.5	32.50	NP	A395
	1200	575	365T	E402	365TTFS6590		20:1@	\$7,666	E9	93.6	49.0	32.50	NP	A395
60	3600	460	364TS	E611	364TSTFS6501	★	2:1	\$6,929	E9	94.5	67.0	29.38		A396
	3600	575	364TS	E664	364TSTFS6505		2:1	\$6,929	E9	94.5	53.5	29.38		A396
	1800	460	364T	E626	364TTFS6536	★	20:1@	\$6,565	E9	95.0	69.0	31.50		A395
	1800	460	364TS	E454	364TSTFS6526		20:1@	\$6,565	E9	95.0	69.0	29.38		A396
	1800	575	364T	E679	364TTFS6537	★	20:1@	\$6,565	E9	95.0	55.0	31.50		A395

Blue shaded areas are Cast Iron Frames

* Requires nameplate modification
@ Requires larger fan

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPA and/or NRCAN Canadian standards.

SEVERE DUTY

Continued on next page.

Blue Chip® Severe Duty / Automotive Duty: Ford EM-1 NEMA Premium® XRI®, Hazardous Duty™

Totally Enclosed, Rigid Base, Three Phase

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C FACE KIT
60	1200	460	404T	E644	404TTFS6586	*	20:1@	\$8,982	E9	94.5	72.0	35.62		A223
	1200	575	404T	E403	404TTFS6592		20:1@	\$8,982	E9	94.5	57.5	35.62		A223
75	3600	460	365TS	E612	365TSTFS6501	*	2:1	\$8,702	E9	94.5	84.0	30.38		A396
	3600	575	365TS	E665	365TSTFS6502	*	2:1	\$8,702	E9	94.5	67.0	30.38		A396
	1800	460	365T	E627	365TTFS6536	*	20:1@	\$8,322	E9	95.4	86.0	32.50		A395
	1800	460	365TS	E455	365TSTFS6526	*	20:1@	\$8,322	E9	95.4	86.0	30.38		A396
	1800	575	365T	E680	365TTFS6537		20:1@	\$8,322	E9	95.4	69.0	32.50		A395
	1200	460	405T	E645	405TTFS6586	*	20:1@	\$10,574	E9	94.5	90.0	37.12		A223
	1200	575	405T	E404	405TTFS6587		20:1@	\$10,574	E9	94.5	71.5	37.12		A223
	100	3600	460	405TS	E613	405TSTFS6501	*	2:1	\$11,660	E9	95.0	108	34.12	
3600		575	405TS	E493	405TSTFS6502		2:1	\$11,660	E9	95.0	87.0	34.12		A226
1800		460	405T	E628	405TTFS6536	*	20:1@	\$10,282	E9	95.4	113	37.12		A223
1800		460	405TS	E456	405TSTFS6526	*	20:1@	\$10,282	E9	95.4	113	34.12		A226
1800		575	405T	E681	405TTFS6538	*	20:1@	\$10,282	E9	95.4	90.5	37.12		A223
1800		460	444T	E327	444TTFN16577		20:1@	\$14,451	E9	95.0	124	41.25		A620
1200		460	444T	E646	444TTFS6586	*	20:1@	\$14,451	E9	94.5	119	41.25	NP	A229
1200		575	444T	E405	444TTFS6590		20:1@	\$14,451	E9	94.5	94.5	41.25	NP	A229
125		3600	460	444TS	E614	444TSTFS6501	*	2:1	\$15,243	E9	95.4	136	37.50	
	3600	575	444TS	E494	444TSTFS6505		2:1	\$15,243	E9	95.4	109	37.50		A232
	1800	460	444T	E629	444TTFS6536	*	20:1@	\$13,535	E9	95.4	141	41.25		A229
	1800	460	444TS	E457	444TSTFS6526	*	20:1@	\$13,535	E9	95.4	141	37.50		A232
	1800	575	444T	E697	444TTFS6540		20:1@	\$13,535	E9	95.4	113	41.25		A229
	1200	460	445T	E647	445TTFN6586	*	20:1@	\$17,750	E9	95.0	155	43.26		A620
	1200	575	445T	E406	445TTFN6590		20:1@	\$17,750	E9	95.0	124	43.26		A620
	150	3600	460	445TS	E615	445TSTFN6501	*	2:1	\$18,311	E9	95.8	165	39.44	
3600		575	445TS	E495	445TSTFN6502		2:1	\$18,311	E9	95.8	132	39.44		A621
1800		460	445T	E630	445TTFN6536	*	20:1@	\$15,736	E9	95.8	172	43.26		A620
1800		460	445TS	E458	445TSTFN6526	*	20:1@	\$15,736	E9	95.8	172	39.44		A621
1800		575	445T	E682	445TTFN6537		20:1@	\$15,736	E9	95.8	138	43.26		A620
1200		460	445T	E448	445TTFN6587	*	20:1@	\$19,859	E9	95.8	180	43.26	H, RB	N/A
1200		575	445T	E407	445TTFN6591		20:1@	\$19,859	E9	95.8	145	43.26	RB	N/A
200		3600	460	445TS	E449	445TSTFN6505	*	2:1	\$23,164	E9	95.8	222	39.44	H
	3600	575	445TS	E496	445TSTFN6506		2:1	\$23,164	E9	95.8	178	39.44		A621
	1800	460	445T	E631	445TTFN6538	*	20:1@	\$19,138	E9	96.2	226	43.26	RB	N/A
	1800	460	445TS	E459	445TSTFN6528	*	20:1@	\$19,138	E9	96.2	226	39.44	H	A621
	1800	460	447/9T	E770	449TTFS6530	*	20:1@	\$22,009	E9	96.5	225	51.69	H	A623
	1800	460	447/9T	E854	449TTFS6540	*	20:1@	\$22,009	E9	96.5	225	51.69	H, RB	N/A
	1800	575	447/9T	E856	449TTFS6564	*	20:1@	\$22,009	E9	96.5	180	51.69	H, RB	N/A
	1200	460	447/9T	E773	449TTFS6578	*	20:1@	\$24,311	E9	95.8	240	51.69	H	A623
	1200	460	447/9T	E687	449TTFS6588	*	20:1@	\$24,311	E9	95.8	240	51.69	H, RB	N/A
	1200	575	447/9T	E408	449TTFS6582		20:1@	\$24,311	E9	95.8	192	51.69	H, RB	N/A
250	3600	460	447/9TS	E699	449TSTFS6503		2:1	\$29,214	E9	96.5	274	47.88	H	A624
	1800	460	445T	E450	445TTFN6540		20:1@	\$24,011	E9	95.8	285	43.26	A, H, RB	N/A
	1800	460	447/9T	E771	449TTFS6528	*	20:1@	\$27,612	E9	96.5	285	51.69	H	A623
	1800	460	447/9T	E690	449TTFS6538	*	20:1@	\$27,612	E9	96.5	285	51.69	H, RB	N/A
	1200	460	L447/9T	E774	449TTFS6577		20:1@	\$27,946	E9	95.8	300	51.69	H	A623
	1200	460	L447/9T	E688	449TTFS6587		20:1@	\$27,946	E9	95.8	300	51.69	H, RB	N/A

Blue shaded areas are Cast Iron Frames

* Requires nameplate modification
@ Requires larger fan

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPAact and/or NRCan Canadian standards.

Continued on next page.

Blue Chip® Severe Duty / Automotive Duty: Ford EM-1 NEMA Premium® XRI®, Hazardous Duty™

Totally Enclosed, Rigid Base, Three Phase

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C FACE KIT
300	3600	460	447/9TS	E698	449TSTFS6502		2:1	\$37,866	E9	96.2	330	47.88	H	A626
	1800	460	447/9T	E691	449TTFS6537	*	20:1@	\$30,652	E9	96.5	339	51.69	H,RB	N/A
	1800	460	447/9T	E772	449TTFS6527		20:1@	\$30,652	E9	96.5	339	51.69	H	A623
	1800	575	447/9T	E345	449TTFS16534		20:1@	\$30,652	E9	96.5	271	51.69	H,RB	N/A
350	3600	460	447/9TS	E769	449TSTFS6501		2:1	\$43,424	E9	96.2	382	47.88	H	A624
	1800	460	447/9T	E692	449TTFS6536	*	20:1@	\$35,804	E9	96.2	395	51.69	H,RB	N/A
400	1800	460	L447/9T	E776	449TTFS16553		20:1@	\$36,759	E9	96.2	448	56.71	H,79	N/A
450	1200	460	5013LS	E363	5013LSTFS6595		N/A	\$85,984	S6	96.2	525	67.19	A,77,79,90	N/A
500	1800	460	5011LS	E364	5011LSTFS16031		N/A	\$59,263	S6	96.2	555	67.19	77,79,90	N/A
600	1800	460	5011LS	E366	5011LSTFS16033		N/A	\$70,218	S6	96.2	655	67.19	A,77,79,90	N/A

Blue shaded areas are Cast Iron Frames

* Requires nameplate modification
© Requires larger fan

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPA and/or NRC Canadian standards.

SEVERE DUTY

Blue Chip® Severe Duty / Automotive Duty: GM 7E-TA NEMA Premium® XRI® IEEE-841, Hazardous Duty™

Totally Enclosed, Rigid Base, Three Phase



Applications: For extreme applications in the process industries such as chemical plants, pulp and paper mills, refineries, above-ground mines, food processing, foundries, and other severe duty environments where long life and ultra-high efficiency are required. Guaranteed efficiencies offer an **eXtra R**eturn on your **I**nvestment when using these premium efficiency motors on high cycle or long run time applications.

Features:

Meets or exceeds NEMA Premium® efficiencies, except where noted
NEMA Premium® models are in compliance with EISA2007

Meets IEEE-841 standard for severe duty applications

Blue Chip® quality, 100% cast iron construction for rigidity and reduced vibration
Inpro/Seal® VBX® bearing isolators on drive end shaft extension TENV and on both ends of TEFC

Provisions to add stub shaft for an encoder (182T-449T, TEFC only)

Internal and external epoxy paint

MAX GUARD® Class F insulation system

Constant Torque speed range is listed in CT SPEED RANGE column

1.15 Service Factor on sinewave, 1.0 Service Factor on IGBT power
Bearing caps (254T and larger)

Precision balanced

Extended grease tubes, regreasable in service

Brass drain and breather

Meets IEEE45 USCG Marine Duty, API RPI4F for offshore platforms, IP56

Meets NEMA MG1 - 1.26.6 Waterproof specification

Hazardous Duty™ Division 2 CSA certification nameplate

Division 2 / Zone 2 Class I (gases), Groups A, B, C, D

Meets temperature code T2B

Actual test and vibration data supplied with each motor

Ball bearings (except as noted)

UL Recognized (through 449T) and CSA Certified

Five year warranty



SEVERE DUTY

Models through 40 HP are capable of modification as follows (contact factory to confirm):

1.25 Service Factor (sinewave only)

50Hz at same HP, 1.0 Service Factor (sinewave only)

Certain combinations of existing and new nameplate markings are not possible (contact factory to confirm)

Any nameplate changes are subject to modification charges (see MOD Central section)

Contact Marathon Electric for optional nameplate markings on 50 HP and larger

Suitable for use on VFD per guidelines on page 17.

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C FACE KIT
1	1800	460	143T	W501	143THTN9026	★	1000:1	\$618	E9	85.5	1.5	10.43	75,76,N	A181
	1800	575	143T	W502	143THTN19033		1000:1	\$618	E9	85.5	1.2	10.43	75,76,N	A181
	1200	460	145T	W503	145THTN9076		1000:1	\$778	E9	80.0	1.65	11.43	75,76,N,NP	A262
	1200	575	145T	W638	145THTN19079		1000:1	\$778	E9	80.0	1.3	11.43	75,76,N,NP	A262
	900	460	182T	W504	182THFS19101		20:1	\$1,367	E9	74.0	2.2	15.19	75,NE	A182
1 1/2	3600	460	143T	W505	143THTN9001		1000:1	\$774	E9	86.5	2.0	10.43	75,76,N	A181
	3600	575	143T	W506	143THTN9005		1000:1	\$774	E9	86.5	1.6	10.43	75,76,N	A181
	1800	460	145T	W507	145THTN9026	★	1000:1	\$670	E9	84.0	2.2	11.43	75,76,N,NP	A262
	1800	575	145T	W508	145THTN19045	★	1000:1	\$670	E9	84.0	1.75	11.43	75,76,d,N,NP	A262
	1200	460	182T	W509	182THTS9076	★	1000:1	\$996	E9	87.5	2.2	12.71	75,d,N	A182
2	3600	460	145T	W511	145THTN9001		1000:1	\$811	E9	85.5	2.5	11.43	75,76,N	A262
	3600	575	145T	W512	145THTN19002		1000:1	\$811	E9	85.5	2.0	11.43	75,76,N	A262
	1800	460	145T	W513	145THTN9027	★	1000:1	\$736	E9	85.5	3.0	11.43	75,76,N,NP	A262
	1800	575	145T	W514	145THTN19033		1000:1	\$736	E9	85.5	2.4	11.43	75,76,N,NP	A262
	1200	460	184T	W515	184THTS9076		1000:1	\$1,230	E9	88.5	3.0	13.71	75,N	A182
3	3600	460	182T	W517	182THTS9001		1000:1	\$1,114	E9	87.5	3.8	12.71	75,N	A182
	1800	460	182T	W519	182THTS9026	★	1000:1	\$999	E9	90.2	4.0	12.71	75,N	A182
	1800	575	182T	W520	182THTS19033		1000:1	\$999	E9	90.2	3.2	12.71	75,N	A182
	1200	460	213T	W521	213THFS9076	★	20:1	\$1,515	E9	89.5	4.4	18.22	75	A183
	900	460	215T	W522	215THFS9101		20:1	\$2,269	E9	86.5	5.0	19.72	75,NE	A183

Blue shaded areas are Cast Iron Frames

* **Requires nameplate modification** Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPA and/or NRC Canadian standards.

Continued on next page.

Blue Chip® Severe Duty / Automotive Duty: GM 7E-TA NEMA Premium® XRI® IEEE-841, Hazardous Duty™

Totally Enclosed, Rigid Base, Three Phase

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C FACE KIT
5	3600	460	184T	W523	184THFS9001	*	2:1	\$1,238	E9	89.5	5.9	16.19	75	A182
	3600	575	184T	W524	184THFS19006		2:1	\$1,238	E9	89.5	4.7	16.19	75	A182
	1800	460	184T	W525	184THFS9026	*	20:1	\$1,158	E9	90.2	6.2	16.19	75	A182
	1800	575	184T	W526	184THFS9030	*	20:1	\$1,158	E9	90.2	5.0	16.19	75	A182
	1200	460	215T	W527	215THFS9076	*	20:1	\$1,860	E9	89.5	6.9	19.72	75	A183
	1200	575	215T	W528	215THFS19077		20:1	\$1,860	E9	89.5	5.5	19.72	75	A183
	900	460	254T	W529	254THFNA9101			\$2,958	E9	88.5	7.5	23.52	75,NE	A184
7 1/2	3600	460	213T	W530	213THTS9001	*	2:1	\$1,495	E9	91.7	8.9	17.18	75,N	A183
	3600	575	213T	W531	213THTS19005		2:1	\$1,495	E9	91.7	7.1	17.18	75,N	A183
	1800	460	213T	W532	213THFS9026	*	20:1	\$1,419	E9	91.7	9.6	19.73	75	A183
	1800	575	213T	W533	213THFS9030	*	20:1	\$1,419	E9	91.7	7.7	19.72	75	A183
	1200	460	254T	W534	254THFNA9076	*	20:1	\$2,233	E9	91.0	9.9	23.52	75	A184
	900	460	256T	W536	256THFNA9101		20:1	\$3,668	E9	88.5	11.0	25.27	75,NE	A184
	10	3600	460	215T	W537	215THFS9001	*	2:1	\$1,746	E9	91.7	11.9	19.72	75
3600		575	215T	W538	215THFS19006		2:1	\$1,746	E9	91.7	9.5	19.72	75	A183
1800		460	215T	W539	215THFS9026	*	20:1	\$1,709	E9	91.7	12.5	19.72	75	A183
1800		575	215T	W540	215THFS19033	*	20:1	\$1,709	E9	91.7	10.0	19.73	75	A183
1200		460	256T	W541	256THFNA9076		20:1	\$2,727	E9	91.0	13.1	25.27	75	A184
1200		575	256T	W542	256THFNA19081		20:1	\$2,727	E9	91.0	10.5	25.27	75	A184
900		460	284T	W543	284THFNA19102		20:1	\$4,459	E9	90.2	16.0	27.88	NE	A186
15	3600	460	254T	W544	254THFNA9001	*	20:1	\$2,165	E9	91.7	17.5	23.52		A184
	1800	460	254T	W546	254THFNA9026	*	20:1	\$2,033	E9	92.4	18.8	23.52		A184
	1800	575	254T	W547	254THFNA9030	*	20:1	\$2,033	E9	92.4	15.1	23.52		A184
	1200	460	284T	W548	284THFNA9076	*	20:1	\$3,620	E9	91.7	20.4	27.88		A186
	1200	575	284T	W549	284THFNA16585		20:1	\$3,620	E9	91.7	16.3	26.34		A186
	900	460	286T	W550	286THFNA19101		20:1	\$5,594	E9	90.2	22.0	27.84	NE	A186
20	3600	460	256T	W551	256THFNA9001	*	2:1	\$2,683	E9	92.4	23.4	25.27	75	A184
	1800	460	256T	W553	256THFNA9026	*	20:1	\$2,533	E9	93.0	24.1	25.27	75	A184
	1800	575	256T	W554	256THFNA19033	*	20:1	\$2,533	E9	93.0	19.3	25.27	75	A184
	1200	460	286T	W555	286THFNA9076		20:1	\$4,410	E9	91.7	26.8	27.84		A186
	1200	575	286T	W556	286THFNA19077		20:1	\$4,410	E9	91.7	21.4	27.84		A186
25	3600	460	284TS	W558	284TSHFNA9001	*	2:1	\$3,305	E9	93.6	28.1	24.97		A186
	3600	575	284TS	W559	284TSHFNA9005		2:1	\$3,305	E9	93.6	22.4	24.97		A186
	1800	460	284T	W560	284THFNA9026	*	20:1	\$3,015	E9	93.6	31.0	26.44		A186
	1800	575	284T	W561	284THFNA19033		20:1	\$3,015	E9	93.6	24.8	26.34		A186
	1200	460	324T	W562	324THFS9076		20:1	\$5,346	E9	93.0	32.5	28.87		A187
	1200	575	324T	W563	324THFS9080		20:1	\$5,346	E9	93.0	26.0	28.87		A187
30	3600	460	286TS	W565	286TSHFNA9001	*	2:1	\$3,860	E9	93.6	33.8	26.44		A186
	1800	460	286T	W567	286THFNA9026	*	20:1	\$3,507	E9	94.1	36.5	27.84		A186
	1800	575	286T	W568	286THFNA19033		20:1	\$3,507	E9	94.1	29.2	27.84		A186
	1200	460	326T	W569	326THFS9076	*	20:1@	\$6,157	E9	93.0	38.5	30.37		A187
	1200	575	326T	W643	326THFS19078	*	20:1@	\$6,157	E9	93.0	31.0	30.37	d	A187
40	3600	460	324TS	W571	324TSHFS9001	*	2:1	\$5,090	E9	93.6	47.0	27.37		A187
	1800	460	324T	W573	324THFS9026	*	20:1@	\$4,657	E9	94.1	47.5	28.87		A187
	1800	575	324T	W574	324THFS19033		20:1@	\$4,657	E9	94.1	38.0	30.37		A187
	1200	460	364T	W575	364THFS9086		20:1@	\$7,677	E9	93.6	50.0	31.50	NP	A188
	1200	575	364T	W639	364THFS19077		20:1@	\$7,677	E9	93.6	40.0	31.50	NP	A188
	900	460	365T	W576	365THFS19101		20:1@	\$10,946	E9	91.7	53.0	32.50	NE	A188

SEVERE DUTY

Blue shaded areas are Cast Iron Frames

* Requires nameplate modification
@ Requires larger fan

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPA and/or NRCan Canadian standards.

Continued on next page.

Blue Chip® Severe Duty / Automotive Duty: GM 7E-TA NEMA Premium® XRI® IEEE-841, Hazardous Duty™

Totally Enclosed, Rigid Base, Three Phase

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C FACE KIT
50	3600	460	326TS	W577	326TSHFS9001		2:1	\$6,584	E9	93.6	58.0	28.87		A187
	3600	575	326TS	W578	326TSHFS9005		2:1	\$6,584	E9	93.6	46.5	28.87		A187
	1800	460	326T	W580	326THFS9026	*	20:1@	\$5,720	E9	94.5	60.0	30.37		A187
	1800	460	326TS	W579	326TSHFS9036		20:1@	\$5,720	E9	94.5	60.0	28.87		A187
	1800	575	326T	W581	326THFS19033		20:1@	\$5,720	E9	94.5	48.0	30.37		A187
	1200	460	365T	W582	365THFS9086	*	20:1@	\$8,816	E9	93.6	61.5	32.50	NP	A188
	1200	575	365T	W640	365THFS19077		20:1@	\$8,816	E9	93.6	49.0	32.50	NP	A188
	900	460	404T	W583	404THFS9101		20:1@	\$12,316	E9	93.6	66.0	35.62	NE	A190
60	3600	460	364TS	W584	364TSHFS9001	*	2:1	\$7,969	E9	94.5	67.0	29.38		A189
	1800	460	364T	W587	364THFS9036	*	20:1@	\$7,549	E9	95.0	69.0	31.50		A188
	1800	460	364TS	W586	364TSHFS9026		20:1@	\$7,549	E9	95.0	69.0	29.38		A189
	1800	575	364T	W588	364THFS19033		20:1@	\$7,549	E9	95.0	55.0	31.50		A188
	1200	460	404T	W589	404THFS9086		20:1@	\$10,330	E9	94.5	72.0	35.62		A190
	900	460	405T	W590	405THFS19101		20:1@	\$13,819	E9	93.6	80.0	37.12	NE	A190
75	3600	460	365TS	W591	365TSHFS9001	*	2:1	\$10,007	E9	94.5	84.0	30.38		A189
	3600	575	365TS	W592	365TSHFS19002		2:1	\$10,007	E9	94.5	67.0	30.38		A189
	1800	460	365T	W594	365THFS9036	*	20:1@	\$9,571	E9	95.4	86.0	32.50		A188
	1800	460	365TS	W593	365TSHFS9026		20:1@	\$9,571	E9	95.4	86.0	30.38		A189
	1800	575	365T	W595	365THFS9044	*	20:1@	\$9,571	E9	95.4	69.0	32.50		A188
	1200	460	405T	W596	405THFS9086		20:1@	\$12,159	E9	95.0	90.0	37.12		A190
	900	460	444T	W597	444THFS9101		20:1@	\$18,375	E9	93.6	100	41.25	NE	A192
	100	3600	460	405TS	W598	405TSHFS9001	*	2:1	\$13,409	E9	95.0	108	34.12	
1800		460	405T	W600	405THFS9036	*	20:1	\$11,824	E9	95.4	113	37.12		A190
1800		460	405TS	W599	405TSHFS9026		20:1@	\$11,824	E9	95.4	113	34.12		A191
1800		575	405T	W601	405THFS9040	*	20:1@	\$11,824	E9	95.4	90.0	37.12		A190
1200		460	444T	W636	444THFN19081		20:1@	\$17,931	E9	95.0	124	41.25		A192
900		460	445T	W603	445THFN9106		20:1@	\$22,518	E9	94.1	142	43.19	NE	A192
125		3600	460	444TS	W604	444TSHFS9001		2:1@	\$17,530	E9	95.4	136	37.50	
	1800	460	444T	W606	444THFS9036		20:1@	\$15,566	E9	95.4	141	41.25		A192
	1800	575	444T	W607	444THFS9040	*	20:1@	\$15,566	E9	95.4	113	41.25		A192
	1200	460	445T	W608	445THFN9086		20:1@	\$20,412	E9	95.0	155	43.19		A192
	900	460	445T	W609	445THFN9102		20:1@	\$23,128	E9	94.5	172	43.19	NE	A194
	150	3600	460	445TS	W610	445TSHFN9001		2:1	\$21,058	E9	95.8	165	39.37	
1800		575	445TS	W611	445TSHFN9026	*	20:1@	\$18,096	E9	95.8	172	39.37		A194
1800		460	445T	W612	445THFN9036	*	20:1@	\$18,096	E9	95.8	172	43.19		A194
1800		575	445T	W641	445THFN19033		20:1@	\$18,096	E9	95.8	138	43.19		A194
1800		575	445T	W613	445THFN9037		20:1@	\$18,096	E9	95.8	138	43.19		A194
1200		460	445T	W614	445THFN9087		20:1@	\$22,839	E9	95.8	181	43.19	H,RB	A194
900		460	L447/9T	W615	449THFS9101		20:1@	\$29,415	E9	95.4	205	51.88	NE	A194
200		3600	460	445TS	W616	445TSHFN9005		2:1@	\$26,639	E9	95.8	223	39.37	H,SL
	1800	460	445T	W618	445THFN9038		20:1@	\$22,009	E9	96.2	226	43.19	RB	A194
	1800	460	445TS	W617	445TSHFN9028		20:1@	\$22,009	E9	96.2	226	39.37		A195
	1800	460	447/9T	W619	449THFS9030		20:1@	\$25,310	E9	96.5	225	51.69		
	1800	575	445T	W642	445THFN19034	*	20:1@	\$25,310	E9	96.2	181	43.19		A194
	1200	460	447/9T	W621	449THFS19092		20:1@	\$27,957	E9	95.8	225	51.84		
	1200	460	447/9T	W622	449THFS9088		20:1@	\$27,957	E9	95.8	240	51.69	RB	
	1200	575	447/449T	W630	449THFS19079		20:1@	\$27,957	E9	95.8	192	51.69	RB	

Blue shaded areas are Cast Iron Frames

* Requires nameplate modification
@ Requires larger fan

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPA and/or NRCan Canadian standards.

Continued on next page.

Blue Chip® Severe Duty / Automotive Duty: GM 7E-TA NEMA Premium® XRI® IEEE-841, Hazardous Duty™

Totally Enclosed, Rigid Base, Three Phase

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES	C FACE KIT
250	3600	460	447/9TS	W624	449TSHFS9003		2:1	\$33,596	E9	96.5	2700	47.94		N/A
	1800	460	447/9T	W626	449THFS9028		20:1@	\$31,755	E9	96.5	2830	51.69		N/A
300	1800	460	447/9T	W632	449THFS9027		20:1@	\$32,390	E9	96.5	3211	51.84		
350	3600	460	447/9TS	W634	449TSHFS9001		2:1	\$49,938	E9	96.2	3064	47.94	SL	
	1800	460	447/9T	W635	449THFS9036		2:1	\$41,174	E9	96.2	3350	51.84	RB,SL	

Blue shaded areas are Cast Iron Frames

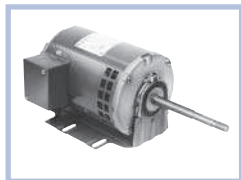
* Requires nameplate modification
@ Requires "R164" rework (reduces efficiency)

Catalog numbers (Cat No.) highlighted in bold blue have efficiency levels that meet or exceed U.S. EPA and/or NRC Canadian standards.

SEVERE DUTY

Commercial Laundry Dryer

Single Phase, Dripproof, Resilient Base



Applications: Commercial laundry dryer motors.

Features:
 Replaces Huebsch commercial laundry dryer motors
 Automatic reset thermal protection
 Special threaded shaft extension
 X602 has 3/4" shaft adapter included
 Ball bearings
 48YZ have 48/56 Fr. mounting holes

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	1725	100-120/200-240	48YZ	X600	48C17D2057		\$222	F1	5.4-6.6/2.7-3.3	12.02	16,68
1/3	1725	115/208-230	56Z	X601	56C17D2101	*	\$263	F1	5.8/2.8-2.9	14.41	16
1/2	1725	115/208-230	56Z	X602	56C17D2102	*	\$324	F1	8.0/4.0-4.0	15.41	16
3/4	1725	115/208-230	56Z	X603	56C17D5346	*	\$408	F1	12.0/5.8-6.0	15.10	16

Commercial Laundry Dryer

Dripproof, C-Face, Resilient Base, or Rigid Base

Applications: Commercial laundry dryer motors.

Features:
 Replaces Huebsch commercial laundry dryer motors
 Automatic reset thermal protection
 Special threaded shaft extension on X605
 Ball bearings
 48YZ have 48/56 Fr. mounting holes

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	F.L. AMPS	"C" DIM.	FOOT NOTES
1/4	3450	200-240/460-480	56CZ	X610	56T34D5375	*	\$230	F1	1.4-1.8/0.8-0.9	11.80	d,68
	1725	200-240/460-480	48YZ	X605	48T17D2002		\$249	F1	1.3-1.8/0.8-0.9	12.02	12,68
1/3	1725	230/460	56	X606	56T17D3318		\$289	F1	1.6/0.8	10.35	68
1/2	1725	230/460	56Z	X607	56T17D3320		\$347	F1	1.7/0.85	15.10	68
3/4	1725	230/460	56Z	X608	56T17D3319		\$421	F1	2.4/1.2	15.60	68
	1140	208-203/460	56	X609	56T11D5317		\$539	F1	3.1-3.1/1.55	11.44	12

DEFINITE PURPOSE

Blue Chip® Severe Duty / Cooling Tower: Single Speed EPAct Efficiency

Rigid Base , Three Phase



Features:

- Blue Chip® quality, 100% cast iron construction for rigidity and reduced vibration
- Internal and external epoxy paint
- Class F insulation
- 1.15 Service Factor
- Rated 60/50 hertz, 190/380 or 380 volt at next lower horsepower
- Extended grease tubes, regreasable in service
- T-drains provided for effective drainage (Installed in both endshields)
- Shaft Slinger
- Forsheda seals on both ends
- Ball Bearings
- Actual test and vibration data supplied with each motor
- UL Recognized and CSA Certified
- Suitable for 10:1 VT and CT (as noted) on VFD
- Two year warranty



XRI® - PREMIUM EFFICIENCY

Suitable for use on VFD per guidelines on page 17.

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	CT SPEED RANGE*	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.
3	1800	230/460	182T	U867	182TTFS4557		10:1	\$789	S3	87.5	8.4/4.2	15.19
5	1800	230/460	184T	U868	184TTFS4555	★	10:1	\$862	S3	87.5	13.0/6.5	16.19
7 1/2	1800	230/460	213T	U869	213TTFS4550	★	10:1	\$1,088	S3	89.5	20.0/10.0	18.22
10	1800	230/460	215T	U870	215TTFS4546	★	10:1	\$1,246	S3	91.0	26.0/13.0	19.72
15	1800	230/460	254T	U871	254TTFNA4549	★	10:1	\$1,608	S3	91.0	39.0/19.5	23.52
20	1800	230/460	256T	U872	256TTFNA4532	★	10:1	\$1,891	S3	91.0	50.0/25.0	25.27
25	1800	230/460	284T	U873	284TTFPA4545	★	10:1	\$2,241	S3	92.4	62.0/31.0	26.27
30	1800	230/460	286T	U874	286TTFPA4544	★	10:1	\$2,622	S3	92.4	74.0/37.0	27.77
40	1800	230/460	324T	U875	324TTFPA4540	★	2:1	\$3,399	S3	93.0	100/50.0	28.97
50	1800	230/460	326T	U876	326TTFPA4550	★	2:1	\$4,201	S3	93.0	122/61.0	30.47
60	1800	230/460	364T	U877	364TTFS4550	★	2:1	\$5,991	S3	93.6	144/72.0	31.50
75	1800	230/460	365T	U878	365TTFS4560	★	2:1	\$7,458	S3	94.1	178/89.0	32.50
100	1800	230/460	405T	U879	405TTFS4560	★	2:1	\$9,236	S3	94.5	228/114	37.12
125	1800	460	444T	U880	444TTFS4546	★	2:1	\$11,890	S3	94.5	142	41.25
150	1800	460	445T	U881	445TTFN4826	★	2:1	\$14,158	S3	95.0	172	43.26
200	1800	460	445T	U882	445TTFN4574		2:1	\$16,900	S3	95.0	225	43.26
250	1800	460	445T	U884	445TTFN4575		2:1	\$19,095	S3	95.0	285	43.26

Cooling Tower: Two-Speed Blue Chip® Severe Duty, XRI®

Three Phase, Totally Enclosed, Rigid Base



Applications: Cooling towers, Fan and Blowers, and other severe duty environments where long life and ultra-high efficiency are desired. Guaranteed efficiencies offer an **eXtra** Return on your Investment when using these premium efficiency motors on high cycle or long run applications. Replacement for two-speed Marley cooling tower motors.

Features:

- Blue Chip® quality, 100% cast iron construction for rigidity and reduced vibration
- Internal and external epoxy paint
- Class F insulation
- 1.15 Service Factor
- Extended grease tubes, regreasable in service
- T-drains provided for effective drainage (Installed in both endshields)
- Shaft Slinger
- Forsheda seals on both ends
- Actual test and vibration data supplied with each motor
- Ball Bearings
- UL Recognized and CSA Certified
- Three year warranty
- Horizontal mounting only; consult Engineering for Vertical mounting

IP55

DEFINITE PURPOSE

HP	RPM	VOLTS	FRAME	CAT. NO.	MODEL NO.	STOCK	LIST PRICE	MULT. SYMB.	NOM. EFF.	F.L. AMPS	"C" DIM.	FOOT NOTES
3/7.5	1800/900	460	184T	Y380	184TTFS7290		\$1,287	S3	85.5	4.0/1.75	16.19	
5/1.25	1800/900	460	213T	Y381	213TTFS7238		\$1,423	S3	89.5	6.0/2.4	19.72	
7.5/1.9	1800/900	460	215T	Y382	215TTFS7290	*	\$1,845	S3	89.5	9.0/3.1	19.72	
10/2.5	1800/900	460	254T	Y383	254TTFNA7210		\$2,223	S3	90.2	12.0/4.0	23.52	
15/3.75	1800/900	460	256T	Y384	256TTFNA7250	*	\$2,777	S3	90.2	18.0/6.0	25.27	
20/5	1800/900	460	284T	Y385	284TTFNA7240	*	\$3,465	S3	91.7	24.0/8.5	26.34	
25/6.25	1800/900	460	286T	Y386	286TTFNA7260	*	\$4,044	S3	91.7	31.0/11.0	27.84	
30/7.5	1800/900	460	324T	Y387	324TTFS7290	*	\$4,935	S3	91.0	35.0/11.2	28.87	
40/10	1800/900	460	326T	Y388	326TTFS9210	*	\$6,167	S3	87.5	46.0/14.6	30.37	
50/13	1800/900	460	364T	Y389	364TTFS9234	*	\$7,844	S3	92.4	61.0/24.0	31.50	
60/15	1800/900	460	365T	Y390	365TTFS9230	*	\$11,353	S3	92.4	75.0/25.0	32.50	
75/18.75	1800/900	460	405T	Y391	405TTFS7297		\$14,685	S3	94.1	83.0/27.0	37.12	
100/25	1800/900	460	444T	Y392	444TTFS7262		\$17,761	S3	94.1	113/37.5	41.25	

Blue shaded areas are Cast Iron Frames