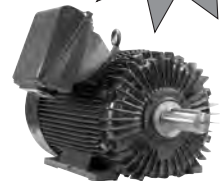




North American Electric, Inc.

LIST PRICE CATALOG

**NEMA
Premium®**



Electric Motors and Accessories



North American Electric, Inc.

Mission Statement

To provide the United States market for industrial motors and controls with products which meet or exceed customer expectations for quality, performance, and reliability at the lowest possible cost and delivered in accordance with the customer's schedule, through our authorized distributor network.

Company History

North American Electric, Inc. is a wholesale supplier of Special Purpose and General Purpose, AC electric motors and controls. We take pride in supplying high performance, high quality products at extremely competitive prices throughout the United States. Donald E. Hackman, Sr. and David E. Hackman founded the company in October of 1993. The company's primary focus is sourcing quality electric motors from various manufacturers, both locally and internationally, and distributing them throughout the United States through local distributors and service centers. Our nationwide distributor and service network offer strong local support for our products by providing critical logistical, technical and maintenance support as well as fast, friendly customer service.

WARRANTY POLICY

All motors sold by North American Electric, Inc. are warranted to be free from defects in material and workmanship. The warranty is 24 months from the date of manufacture but no less than 18 months from date of invoice. Also, all motors installed within 24 months from date of manufacture will be warranted for no less than 12 months from the date the motor is installed. North American Electric, Inc. shall, at its option and expense, either repair or replace any such motor or part, which is defective within the warranty period. To be covered under warranty, any motor must have at all times been operated or used under normal operating conditions for which the motor was designed.

In the event of warranty claims, North American Electric, Inc. must be notified promptly following any motor failure. The motor should be sent to a North American Electric, Inc. authorized service center to diagnose the cause of failure. After this examination, a determination will be made if the failure was due to defective material and/or workmanship. If the failure was due to defective material and/or workmanship, North American Electric, Inc. will replace or repair the motor.

North American Electric's liability under this warranty or any other warranty whether expressed or implied in law or fact shall be limited to the repair or replacement of defective material and workmanship, and in no event shall North American Electric, Inc. be liable for consequential or indirect damages, including freight.

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GENERAL PURPOSE SINGLE PHASE, TEFC, 56C FRAME REMOVABLE FEET

APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, farm equipment and other industrial and commercial machinery installed in damp, dusty or dirty environments. IP55 Protection as standard. Suitable for indoor and outdoor applications. These motors have high starting torques and are well-suited for applications with high starting loads.

FEATURES:

- * High Efficiency Design
- * 1.15 Service Factor @ 60 hertz
- * Vacuum Pressure Impregnation for all windings
- * Sealed bearings
- * Class F insulation system, class B rise at full load
- * 40° C ambient continuous duty
- * Stainless steel nameplate and zinc plated hardware
- * 56CH Frames: Feet are dual drilled for mounting flexibility
- * High starting torques
- * NEMA Design B performance
- * Rolled Steel frame construction; Aluminum endbells
- * C-Flange with Removable Feet as standard
- * IP55 Protection as standard; Suitable for indoor/outdoor use
- * CSA + C + US Certification
- * Meets or exceeds NRCan efficiency requirements
- * ISO 9001 Certification

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
1/3	3600	56C	115/208-230	F56C1/3S2C	56C1	\$250	M1	58.5	12.6	23	1
	1800	56C	115/208-230	F56C1/3S4C	56C1	\$265	M1	65.0	12.6	23	1
1/2	3600	56C	115/208-230	F56C1/2S2C	56C1	\$260	M1	68.0	12.6	24	1
	1800	56C	115/208-230	F56C1/2S4C	56C1	\$275	M1	72.0	12.6	25	1
3/4	3600	56C	115/208-230	F56C3/4S2C	56C1	\$280	M1	73.5	12.6	26	1
	1800	56C	115/208-230	F56C3/4S4C	56C1	\$298	M1	73.5	12.6	29	1
1	3600	56C	115/208-230	F56C1S2C	56C1	\$290	M1	75.5	12.6	30	1
	1800	56C	115/208-230	F56C1S4C	56C1	\$315	M1	74.0	12.6	38	1
1.5	3600	56C	115/208-230	F56C1.5S2C	56C1	\$305	M1	78.5	12.6	38	1
	1800	56CH	115/208-230	F56CH1.5S4C	56C1	\$385	M1	77.0	14.2	42	1
2	3600	56CH	115/208-230	F56CH2S2C	56C1	\$345	M1	76.0	14.2	44	1
	1800	56CH	115/208-230	F56CH2S4C	56C1	\$455	M1	76.5	14.2	47	1

Notes:

1.) Removable Feet



GENERAL PURPOSE THREE PHASE, TEFC, 56C FRAME REMOVABLE FEET

APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, farm equipment and other industrial and commercial machinery installed in damp, dusty or dirty environments. IP55 Protection as standard. Suitable for indoor and outdoor applications. Additionally, these motors do utilize phase insulation materials that are suitable for use with Variable Frequency Drives.

FEATURES:

- * High Efficiency Design
- * 1.15 Service Factor @ 60 hertz
- * Vacuum Pressure Impregnation for all windings
- * Sealed bearings
- * Class F insulation system, class B rise at full load
- * 40° C ambient continuous duty
- * Stainless steel nameplate and zinc plated hardware
- * 56CH Frames: Feet are dual drilled for mounting flexibility
- * High starting torques
- * NEMA Design B performance
- * Rolled Steel frame construction; Aluminum endbells
- * C-Flange with Removable Feet as standard
- * IP55 Protection as standard; Suitable for indoor / outdoor use
- * Suitable for use with Variable Frequency Drives
- * CSA + C + US Certification
- * Meets or exceeds NRCan efficiency requirements
- * ISO 9001 Certification

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FUL EFF %	"C" DIM.	WT. (LBS.)	NOTES
1/3	3600	56C	208-230/460	F56C1/3M2A	56C3	\$245	M2	54.9	12.6	23	1
	1800	56C	208-230/460	F56C1/3M4A	56C3	\$230	M2	64.0	12.6	24	1
1/2	3600	56C	208-230/460	F56C1/2M2A	56C3	\$255	M2	63.6	12.6	25	1
	1800	56C	208-230/460	F56C1/2M4A	56C3	\$240	M2	68.2	12.6	25	1
3/4	3600	56C	208-230/460	F56C3/4M2A	56C3	\$265	M2	62.0	12.6	25	1
	1800	56C	208-230/460	F56C3/4M4A	56C3	\$255	M2	72.2	12.6	28	1
1	3600	56C	208-230/460	F56C1M2A	56C3	\$280	M2	68.6	12.6	25	1
	1800	56C	208-230/460	F56C1M4A	56C3	\$295	M2	80.3	12.6	33	1
1.5	3600	56C	208-230/460	F56C1.5M2A	56C3	\$300	M2	73.9	12.6	28	1
	1800	56C	208-230/460	F56C1.5M4A	56C3	\$345	M2	80.9	12.6	36	1
2	3600	56C	208-230/460	F56C2M2A	56C3	\$315	M2	83.5	12.6	33	1
	1800	56CH	208-230/460	F56CH2M4A	56C3	\$390	M2	83.5	14.2	44	1
3	3600	56CH	208-230/460	F56CH3M2A	56C3	\$355	M2	82.5	14.2	41	1

Notes:

1.) Removable Feet



North American Electric, Inc.



**GENERAL PURPOSE
THREE PHASE, OPEN DRIPPROOF
ROLLED STEEL CONSTRUCTION
ENERGY EFFICIENT - EISA COMPLIANT**

APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, Material Handling and other general purpose applications where contaminants are minimal.

FEATURES:

- * Meets or exceeds EPACT '92 and NRCan efficiency requirements
- * Suitable for wye-delta start on 213T frame and above
- * Dual voltage ratings suitable for part wind start on lower voltage
- * 1.15 Service Factor @ 60 hertz; 1.0 Service Factor @ 50 hertz
- * Inverter Rated (10:1 variable torque - 5:1 constant torque)
- * Vacuum Pressure Impregnation for all windings
- * Sealed bearings thru 215T frame
- * Class F insulation system, class B rise at full load
- * 40° C ambient continuous duty
- * Corrosion resistant epoxy paint
- * Stainless steel nameplate and zinc plated hardware
- * F1/F2 reversible
- * Feet are dual drilled for mounting flexibility
- * NEMA Design C performance
- * Rolled steel frame construction
- * C-Flange field conversion kits available
- * Lifting provisions on 143T frame and above
- * Condensation drains with plastic plugs
- * IP23 Protection
- * CSA + C + US Certification
- * ISO 9001 Certification

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
1	1800	143T	208-230/460	D143T1M4A	RSDP	\$285	M8	82.5	11.8"	41	
	1200	145T	208-230/460	D145T1M6A	RSDP	\$325	M8	80.0	11.8"	40	
1.5	3600	143T	208-230/460	D143T1.5M2A	RSDP	\$299	M8	82.5	11.8"	37	
	1800	145T	208-230/460	D145T1.5M4A	RSDP	\$305	M8	84.0	11.8"	44	
	1200	182T	208-230/460	D182T1.5M6A	RSDP	\$465	M8	84.0	13.5"	67	
2	3600	145T	208-230/460	D145T2M2A	RSDP	\$309	M8	84.0	11.8"	38	
	1800	145T	208-230/460	D145T2M4A	RSDP	\$315	M8	84.0	11.8"	48	
	1200	184T	208-230/460	D184T2M6A	RSDP	\$505	M8	85.5	13.5"	73	
3	3600	145T	208-230/460	D145T3M2A	RSDP	\$345	M8	84.0	11.8"	41	
	1800	182T	208-230/460	D182T3M4A	RSDP	\$475	M8	86.5	13.5"	78	
	1200	213T	208-230/460	D213T3M6A	RSDP	\$695	M8	86.5	16.8"	103	
5	3600	182T	208-230/460	D182T5M2A	RSDP	\$625	M8	85.5	13.5"	73	
	1800	184T	208-230/460	D184T5M4A	RSDP	\$510	M8	87.5	13.5"	85	
	1200	215T	208-230/460	D215T5M6A	RSDP	\$795	M8	87.5	16.8"	112	
7.5	3600	184T	208-230/460	D184T7.5M2A	RSDP	\$665	M8	87.5	13.5"	80	
	1800	213T	208-230/460	D213T7.5M4A	RSDP	\$725	M8	88.5	16.8"	120	
10	3600	213T	208-230/460	D213T10M2A	RSDP	\$905	M8	88.5	16.8"	114	
	1800	215T	208-230/460	D215T10M4A	RSDP	\$775	M8	89.5	16.8"	131	
15	3600	215T	208-230/460	D215T15M2A	RSDP	\$965	M8	89.5	16.8"	126	
	1800	254T	208-230/460	D254T15M4A	RSDP	\$1,150	M8	TBD	TBD	TBD	
20	1800	256T	208-230/460	D256T20M4A	RSDP	\$1,250	M8	TBD	TBD	TBD	

Effective: April 15, 2011



**GENERAL PURPOSE
THREE PHASE, TOTALLY ENCLOSED FAN COOLED
ROLLED STEEL CONSTRUCTION
ENERGY EFFICIENT - EISA COMPLIANT**

APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments. Additionally, these motors are suitable for use on variable frequency drives.

FEATURES:

- * Meets or exceeds EPACT '92 and NRCan efficiency requirements
- * Suitable for wye-delta start on 213T frame and above
- * Dual voltage ratings suitable for part wind start on lower voltage
- * 1.15 Service Factor @ 60 hertz; 1.0 Service Factor @ 50 hertz
- * Inverter Rated (10:1 variable torque - 5:1 constant torque)
- * Vacuum Pressure Impregnation for all windings
- * Sealed bearings thru 215T frame
- * Class F insulation system, class B rise at full load
- * 40° C ambient continuous duty
- * Corrosion resistant epoxy paint
- * Stainless steel nameplate and zinc plated hardware
- * F1/F2 reversible
- * Feet are dual drilled for mounting flexibility
- * NEMA Design C performance
- * Rolled steel frame construction
- * C-Flange field conversion kits available
- * Lifting provisions on 143T frame and above
- * Condensation drains with plastic plugs
- * IP55 Protection
- * CSA + C + US Certification
- * ISO 9001 Certification

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
1	1800	143T	208-230/460	F143T1M4A	RSTE	\$305	M7	82.5	13.3"	48	
1.5	3600	143T	208-230/460	F143T1.5M2A	RSTE	\$315	M7	82.5	13.3"	43	
	1800	145T	208-230/460	F145T1.5M4A	RSTE	\$325	M7	84.0	13.3"	52	
2	3600	145T	208-230/460	F145T2M2A	RSTE	\$360	M7	84.0	13.3"	45	
	1800	145T	208-230/460	F145T2M4A	RSTE	\$336	M7	84.0	13.3"	55	
3	3600	182T	208-230/460	F182T3M2A	RSTE	\$600	M7	85.5	15.8"	69	
	1800	182T	208-230/460	F182T3M4A	RSTE	\$480	M7	87.5	15.8"	88	
5	3600	184T	208-230/460	F184T5M2A	RSTE	\$650	M7	87.5	15.8"	88	
	1800	184T	208-230/460	F184T5M4A	RSTE	\$515	M7	87.5	15.8"	95	
7.5	3600	213T	208-230/460	F213T7.5M2A	RSTE	\$900	M7	88.5	19.0"	121	
	1800	213T	208-230/460	F213T7.5M4A	RSTE	\$700	M7	89.5	19.0"	137	
10	3600	215T	208-230/460	F215T10M2A	RSTE	\$950	M7	89.5	19.0"	134	
	1800	215T	208-230/460	F215T10M4A	RSTE	\$765	M7	89.5	19.0"	146	



**GENERAL PURPOSE - ALUMINUM MOTORS
THREE PHASE, TEFC MOTORS
LIGHT WEIGHT, ALUMINUM CONSTRUCTION**

APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments.

FEATURES:

- * Meets or exceeds EPACT '92 and NRCAN efficiency requirements
- * TEFC Enclosure
- * 1.15 Service Factor @ 60 hertz
- * Class F insulation system, class B rise at full load
- * Double shielded bearings thru 215T frame
- * 40° C ambient
- * Corrosion resistant paint
- * Stainless steel nameplate and zinc plated hardware
- * Light weight aluminum construction
- * Lifting provisions on 213T
- * IP55 Protection

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	F.L. EFF %	"C" DIM.	WT. (LBS.)
10	1800	215T	208-230/460	A215T-10-4	NEAL	\$765	M13	89.5	19.0	126



North American Electric, Inc.



NEMA PREMIUM EFFICIENCY - INVERTER DUTY MOTORS

INVERTER DUTY RATING: 20:1 VT; 10:1 CT

THREE PHASE, TOTALLY ENCLOSED FAN COOLED

HEAVY DUTY CAST IRON CONSTRUCTION

APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments.

FEATURES:

- * Meets or exceeds NEMA Premium Efficiency Requirements
- * Suitable for wye-delta start on 213T frame and above
- * Dual voltage ratings suitable for part wind start on lower voltage
- * Single voltage ratings suitable for part wind start at 460V are noted
- * 1.15 Service Factor @ 60 hertz; 1.0 Service Factor @ 50 hertz
- * Suitable for 575V @ 1.1 Service Factor
- * Inverter Duty (20:1 variable torque; 10:1 constant torque)
- * Vacuum Pressure Impregnation for all windings
- * Sealed bearings thru 215T frame
- * Regreasable open bearings 254T frame and above
- * Mechanical "V" seal on drive end
- * Class F insulation system, class B rise at full load
- * 40° C ambient continuous duty
- * Corrosion resistant paint
- * Stainless steel nameplate and zinc plated hardware
- * F1/F2 reversible
- * Feet are dual drilled on most frames for mounting flexibility
- * NEMA Design B performance
- * Cast iron frame construction including the conduit box
- * C-Flange and D-Flange field conversion kits available
- * Lifting provisions on 143T frame and above
- * Condensation drains with plastic plugs
- * IP55 Protection - Terminal box is sealed for IP66 protection
- * CSA + C + US Certification
- * ISO 9001 Certification

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
1	1800	143T	208-230/460	PE143T-1-4	NEWT	\$364	M16	85.5	12.6	55	1,3,5
	1200	145T	208-230/460	PE145T-1-6	NEWT	\$485	M16	82.5	13.6	68	1,3,5
	900	182T	208-230/460	PE182T-1-8C	NEWT	\$510	M12	74.0	15.3	64	2,4,5
1.5	3600	143T	208-230/460	PE143T-1.5-2	NEWT	\$415	M16	84.0	12.6	60	1,3,5
	1800	145T	208-230/460	PE145T-1.5-4	NEWT	\$445	M16	86.5	13.6	62	1,3,5
	1200	182T	208-230/460	PE182T-1.5-6	NEWT	\$521	M16	87.5	16.1	90	1,3,5
	900	184T	208-230/460	PE184T-1.5-8C	NEWT	\$635	M12	77.0	16.0	91	2,4,5
2	3600	145T	208-230/460	PE145T-2-2	NEWT	\$446	M16	85.5	13.6	62	1,3,5
	1800	145T	208-230/460	PE145T-2-4	NEWT	\$462	M16	86.5	13.6	64	1,3,5
	1200	184T	208-230/460	PE184T-2-6	NEWT	\$613	M16	88.5	17.1	91	1,3,5
	900	213T	208-230/460	PE213T-2-8C	NEWT	\$900	M12	82.5	19.0	145	2,4,5
3	3600	182T	208-230/460	PE182T-3-2	NEWT	\$549	M16	86.5	16.1	90	1,3,5
	1800	182T	208-230/460	PE182T-3-4	NEWT	\$542	M16	89.5	16.1	90	1,3,5
	1200	213T	208-230/460	PE213T-3-6	NEPE	\$828	M16	89.5	18.9	143	1,3,5
	900	215T	208-230/460	PE215T-3-8C	NEWT	\$1,258	M12	84.0	22.5	165	2,4,5
5	3600	184T	208-230/460	PE184T-5-2	NEWT	\$680	M16	88.5	17.1	106	1,3,5
	1800	184T	208-230/460	PE184T-5-4	NEWT	\$638	M16	89.5	17.1	106	1,3,5
	1200	215T	208-230/460	PE215T-5-6	NEPE	\$1,088	M16	89.5	20.4	163	1,3,5
	900	254T	208-230/460	PE254T-5-8C	NEWT	\$1,508	M12	85.5	23.4	260	2,4,5
7.5	3600	213T	208-230/460	PE213T-7.5-2	NEWT	\$946	M16	89.5	18.9	157	1,3,5
	1800	213T	208-230/460	PE213T-7.5-4	NEPE	\$922	M16	91.7	18.9	157	1,3,5
	1200	254T	208-230/460	PE254T-7.5-6	NEPE	\$1,497	M16	91.0	25.0	260	1,3,5
	900	256T	208-230/460	PE256T-7.5-8C	NEWT	\$1,660	M12	85.5	25.1	305	2,4,5
10	3600	215T	208-230/460	PE215T-10-2	NEWT	\$1,066	M16	90.2	20.4	183	1,3,5
	1800	215T	208-230/460	PE215T-10-4	NEPE	\$1,108	M16	91.7	20.4	183	1,3,5
	1200	256T	208-230/460	PE256T-10-6	NEPE	\$1,897	M16	91.0	25.0	302	1,3,5
	900	284T	208-230/460	PE284T-10-8C	NEWT	\$2,401	M12	88.5	28.1	395	2,4,5
15	3600	254T	208-230/460	PE254T-15-2	NEWT	\$1,566	M16	91.0	25.0	289	1,3,5
	1800	254T	208-230/460	PE254T-15-4	NEPE	\$1,553	M16	92.4	25.0	289	1,3,5
	1200	284T	208-230/460	PE284T-15-6	NEPE	\$2,541	M16	91.7	28.1	392	1,3,5
	900	286T	208-230/460	PE286T-15-8C	NEWT	\$3,107	M12	88.5	29.5	456	2,4,5
20	3600	256T	208-230/460	PE256T-20-2	NEWT	\$1,915	M16	91.0	25.0	341	1,3,5
	1800	256T	208-230/460	PE256T-20-4	NEPE	\$1,847	M16	93.0	25.0	341	1,3,5
	1200	286T	208-230/460	PE286T-20-6	NEPE	\$3,020	M16	91.7	28.1	454	1,3,5
	900	324T	208-230/460	PE324T-20-8C	NEWT	\$3,642	M12	89.5	31.3	547	2,4,5
25	3600	284TS	208-230/460	PE284TS-25-2	NEWT	\$2,456	M16	91.7	26.7	432	1,3,5
	1800	284T	208-230/460	PE284T-25-4	NEWT	\$2,275	M16	93.6	28.1	432	1,3,5
	1200	324T	208-230/460	PE324T-25-6	NEWT	\$3,427	M16	93.0	31.3	541	1,3,5
	900	326T	208-230/460	PE326T-25-8C	NEWT	\$4,091	M12	89.5	31.8	599	2,4,5
30	3600	286TS	208-230/460	PE286TS-30-2	NEWT	\$2,638	M16	91.7	26.7	474	1,3,5
	1800	286T	208-230/460	PE286T-30-4	NEWT	\$2,652	M16	93.6	28.1	474	1,3,5
	1200	326T	208-230/460	PE326T-30-6	NEWT	\$4,112	M16	93.0	31.8	597	1,3,5
	900	364T	208-230/460	PE364T-30-8C	NEWT	\$4,913	M12	91.0	33.5	789	2,4,5
40	3600	324TS	208-230/460	PE324TS-40-2	NEWT	\$3,377	M16	92.4	29.8	590	1,3,5
	1800	324T	208-230/460	PE324T-40-4	NEWT	\$3,550	M16	94.1	31.3	590	1,3,5
	1200	364T	208-230/460	PE364T-40-6	NEPE	\$5,094	M16	94.1	33.5	786	1,3,5
	900	365T	208-230/460	PE365T-40-8C	NEWT	\$6,009	M12	91.0	34.2	881	2,4,5
50	3600	326TS	208-230/460	PE326TS-50-2	NEWT	\$4,273	M16	93.0	29.8	683	1,3,5
	1800	326T	208-230/460	PE326T-50-4	NEWT	\$4,261	M16	94.5	31.3	683	1,3,5
	1200	365T	208-230/460	PE365T-50-6	NEPE	\$6,386	M16	94.1	33.5	863	1,3,5
	900	404T	208-230/460	PE404T-50-8C	NEWT	\$7,201	M12	91.7	37.0	1057	2,4,5



HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
60	3600	364TS	208-230/460	PE364TS-60-2	NEWT	\$5,990	M16	93.6	31.4	841	1,3,5
	1800	364T	208-230/460	PE364T-60-4	NEPE	\$5,724	M16	95.0	33.5	841	1,3,5
	1200	404T	208-230/460	PE404T-60-6	NEPE	\$7,035	M16	94.5	38.2	1102	1,3,5
	900	405T	208-230/460	PE405T-60-8C	NEWT	\$8,183	M12	91.7	38.5	1075	2,4,5
75	3600	365TS	208-230/460	PE365TS-75-2	NEWT	\$7,081	M16	93.6	31.4	941	1,3,5
	1800	365T	208-230/460	PE365T-75-4	NEPE	\$6,506	M16	95.4	33.5	941	1,3,5
	1200	405T	208-230/460	PE405T-75-6	NEPE	\$7,836	M16	94.5	38.2	1150	1,3,5
	900	444T	208-230/460	PE444T-75-8C	NEWT	\$11,953	M12	93.0	42.8	1432	2,4,5
100	3600	405TS	208-230/460	PE405TS-100-2	NEWT	\$8,505	M16	94.1	35.2	1172	1,3,5
	1800	405T	208-230/460	PE405T-100-4	NEPE	\$7,513	M16	95.4	38.2	1172	1,3,5
	1200	444T	208-230/460	PE444T-100-6	NEPE	\$11,338	M16	95.0	44.3	1432	1,3,5
	900	445T	208-230/460	PE445T-100-8C	NEWT	\$12,877	M12	93.0	44.8	1465	2,4,5
125	3600	444TS	460	PE444TS-125-2	NEPE	\$10,895	M16	95.0	40.6	1432	1,3
	1800	444T	460	PE444T-125-4	NEWT	\$11,407	M16	95.4	44.3	1432	1,3
	1800	444T	460	PE444T-125-4-BB	NEWT	\$11,407	M16	95.4	44.3	1432	1,3
	1800	444T	460	PE444T-125-4C-PWS	NEWT	\$8,704	M12	94.5	44.3	1432	2,4,6
	1200	445T	460	PE445T-125-6	NEPE	\$13,951	M16	95.0	44.3	1465	1,3
	900	447T	460	PE447T-125-8C	NEWT	\$16,545	M12	93.6	48.3	1575	2,4
150	3600	445TS	460	PE445TS-150-2	NEPE	\$13,055	M16	95.0	44.1	1564	1,3
	1800	445T	460	PE445T-150-4	NEPE	\$12,102	M16	95.8	44.3	1564	1,3
	1800	445T	460	PE445T-150-4-BB	NEPE	\$12,102	M16	95.8	44.3	1564	1,3
	1800	445T	460	PE445T-150-4C-PWS	NEWT	\$9,558	M12	95.0	44.3	1564	2,4,6
	1200	447T	460	PE447T-150-6	NEPE	\$16,717	M16	95.8	47.8	1575	1,3
	900	449T	460	PE449T-150-8C	NEWT	\$18,835	M12	93.6	53.3	1905	2,4
200	3600	447TS	460	PE447TS-200-2	NEPE	\$16,992	M16	95.4	44.1	1905	1,3
	1800	447T	460	PE447T-200-4	NEPE	\$15,540	M16	96.2	47.8	1905	1,3
	1800	447T	460	PE447T-200-4-BB	NEPE	\$15,540	M16	96.2	47.8	1905	1,3
	1800	447T	460	PE447T-200-4C-PWS	NEWT	\$12,703	M12	95.0	47.8	1905	2,4,6
	1200	449T	460	PE449T-200-6	NEPE	\$19,738	M16	95.8	52.8	2259	1,3
	900	449T	460	PE449T-200-8C	NEWT	\$21,174	M12	94.1	53.3	2720	2,4
250	3600	449TS	460	PE449TS-250-2	NEPE	\$19,750	M16	95.8	49.1	2247	1,3
	3600	449TS	460	PE449TS-250-2-EC	NEWT	\$19,435	M12	95.4	49.1	2247	2,4
	1800	449T	460	PE449T-250-4	NEPE	\$18,750	M16	96.2	52.8	2247	1,3
	1800	449T	460	PE449T-250-4-BB	NEPE	\$18,750	M16	96.2	52.8	2247	1,3
	1800	449T	460	PE449T-250-4C-PWS	NEWT	\$16,074	M12	95.0	52.8	2247	2,4,6
	1200	449T	460	PE449T-250-6C	NEPE	\$21,168	M12	95.0	52.8	2247	2,4
	1200	587UZ	460	PE587UZ-250-6C	NC58	\$29,795	M4	95.6	71.7	5258	2,4,6,7
	1200	587U	460	PE587U-250-6C	NC58	\$28,293	M4	95.6	71.7	5191	2,4,6
	1200	587U	460	PE587U-250-6C-BB	NC58	\$28,293	M4	95.6	71.7	5191	2,4,6
	900	587U	460	PE587U-250-8C	NC58	\$37,580	M4	94.5	71.7	5751	2,4,6
300	3600	449TS	460	PE449TS-300-2	NEPE	\$25,000	M16	95.8	49.1	2685	1,3
	3600	449TS	460	PE449TS-300-2-EC	NEWT	\$20,985	M12	95.4	49.1	2523	2,4
	1800	449T	460	PE449T-300-4	NEPE	\$23,750	M16	96.2	52.8	2685	1,3
	1800	449T	460	PE449T-300-4-BB	NEPE	\$23,750	M16	96.2	52.8	2685	1,4
	1800	449T	460	PE449T-300-4C-PWS	NEWT	\$21,808	M12	95.4	52.8	2685	2,4,6
	1800	587UZ	460	PE587UZ-300-4C	NC58	\$30,600	M4	96.0	71.7	4662	2,4,6,7
	1800	587U	460	PE587U-300-4C	NC58	\$29,200	M4	96.0	71.7	4662	2,4,6
	1800	587U	460	PE587U-300-4C-BB	NC58	\$29,200	M4	96.0	71.7	4662	2,4,6
	1200	449T	460	PE449T-300-6C	NEWT	\$25,161	M12	95.0	52.8	4662	2,4
	1200	587UZ	460	PE587UZ-300-6C	NC58	\$32,500	M4	95.4	71.7	5384	2,4,6,7
	1200	587U	460	PE587U-300-6C	NC58	\$31,200	M4	95.4	71.7	5274	2,4,6
	1200	587U	460	PE587U-300-6C-BB	NC58	\$31,200	M4	95.4	71.7	5274	2,4,6
350	1800	587U	460	PE587U-300-8C	NC58	\$39,015	M4	94.5	71.7	6000	2,4,6
	1800	586/7UZ	460	PE587UZ-350-4C	NC58	\$31,500	M4	96.4	71.7	4896	1,4,6,7
	1800	586/7U	460	PE587U-350-4C	NC58	\$30,050	M4	96.4	71.7	4896	1,4,6
	1800	586/7U	460	PE587U-350-4C-BB	NC58	\$30,050	M4	96.4	71.7	4896	1,4,6,8
	1200	586/7UZ	460	PE587UZ-350-6C	NC58	\$35,800	M4	95.8	71.7	6000	1,4,6,7
	1200	586/7U	460	PE587U-350-6C	NC58	\$34,100	M4	95.8	71.7	5751	1,4,6
400	1200	586/7U	460	PE587U-350-6C-BB	NC58	\$34,100	M4	95.8	71.7	5751	1,4,6,8
	1800	586/7UZ	460	PE587UZ-400-4C	NC58	\$34,500	M4	96.3	71.7	5033	1,4,6,7
	1800	586/7U	460	PE587U-400-4C	NC58	\$32,950	M4	96.3	71.7	5033	1,4,6
	1800	586/7U	460	PE587U-400-4C-BB	NC58	\$32,950	M4	96.3	71.7	5033	1,4,6,8
	1200	586/7UZ	460	PE587UZ-400-6C	NC58	\$39,650	M4	96.2	71.7	6000	1,4,6,7
	1200	586/7U	460	PE587U-400-6C	NC58	\$37,650	M4	96.2	71.7	6000	1,4,6
450	1200	586/7U	460	PE587U-400-6C-BB	NC58	\$37,650	M4	96.2	71.7	6000	1,4,6,8
	1800	586/7U	460	PE587U-450-4C	NC58	\$37,250	M4	96.2	71.7	5424	1,4,6
	1200	586/7U	460	PE587U-450-6C	NC58	\$44,450	M4	96.5	71.7	6102	1,4,6
500	1200	586/7U	460	PE587U-450-6C-BB	NC58	\$37,413	M4	96.5	71.7	6102	1,4,6,8
	1800	586/7UZ	460	PE587UZ-500-4C	NC58	\$42,996	M4	96.8	71.7	5744	1,4,6,7
600	1200	586/7UZ	460	PE587UZ-500-6C	NC58	\$50,950	M4	96.5	71.7	6253	1,4,6,7
	1800	586/7UZ	460	PE587UZ-600-4C	NC58	\$49,991	M4	96.8	71.7	5924	1,4,6,7

Effective: April 15, 2011

Notes:

- 1.) NEMA Premium® (NEMA MG-1 Table 12-12)
- 2.) EISA Compliant (NEMA MG-1 Table 12-11)
- 3.) Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)
- 4.) Inverter Rated (10:1 Variable Torque; 5:1 Constant Torque)
- 5.) 12 Lead Partwind Start at 230V
- 6.) 12 Lead Partwind Start at 460V
- 7.) Equipped with Terminal Blocks as Standard
- 8.) Ball Bearing on Drive End for Direct Drive Applications



North American Electric, Inc.



NEMA PREMIUM EFFICIENCY - INVERTER DUTY MOTORS
C-FLANGE W/ FEET
INVERTER DUTY RATING: 20:1 VT; 10:1 CT
THREE PHASE, TOTALLY ENCLOSED FAN COOLED
HEAVY DUTY CAST IRON CONSTRUCTION

APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments.

FEATURES:

- * Meets or exceeds NEMA Premium Efficiency Requirements
- * Suitable for wye-delta start on 213T frame and above
- * Dual voltage ratings suitable for part wind start on lower voltage
- * Single voltage ratings suitable for part wind start at 460V are noted
- * 1.15 Service Factor @ 60 hertz; 1.0 Service Factor @ 50 hertz
- * Suitable for 575V @ 1.1 Service Factor
- * Inverter Duty (20:1 variable torque; 10:1 constant torque)
- * Vacuum Pressure Impregnation for all windings
- * Sealed bearings thru 215T frame
- * Regreasable open bearings 254T frame and above
- * Class F insulation system, class B rise at full load
- * 40° C ambient continuous duty
- * Corrosion resistant paint
- * Stainless steel nameplate and zinc plated hardware
- * F1/F2 reversible
- * Feet are dual drilled on most frames for mounting flexibility
- * NEMA Design B performance
- * Cast iron frame construction including the conduit box
- * C-Flange and D-Flange field conversion kits available
- * Lifting provisions on 143T frame and above
- * Condensation drains with plastic plugs
- * IP55 Protection - Terminal box is sealed for IP66 protection
- * CSA + C + US Certification
- * ISO 9001 Certification

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
1	1800	143TC	208-230/460	PE143TC-1-4	NEWT	\$382	M16	85.5	12.5	55	1,2
	1200	145TC	208-230/460	PE145TC-1-6	NEWT	\$509	M16	82.5	13.5	68	1,2
1.5	3600	143TC	208-230/460	PE143TC-1.5-2	NEWT	\$436	M16	84.0	12.5	60	1,2
	1800	145TC	208-230/460	PE145TC-1.5-4	NEWT	\$467	M16	86.5	13.5	62	1,2
	1200	182TC	208-230/460	PE182TC-1.5-6	NEWT	\$547	M16	87.5	15.3	90	1,2
2	3600	145TC	208-230/460	PE145TC-2-2	NEWT	\$468	M16	85.5	13.5	62	1,2
	1800	145TC	208-230/460	PE145TC-2-4	NEWT	\$485	M16	86.5	13.5	64	1,2
	1200	184TC	208-230/460	PE184TC-2-6	NEWT	\$644	M16	88.5	16.0	91	1,2
3	3600	182TC	208-230/460	PE182TC-3-2	NEWT	\$576	M16	86.5	15.3	90	1,2
	1800	182TC	208-230/460	PE182TC-3-4	NEWT	\$569	M16	89.5	15.3	90	1,2
	1200	213TC	208-230/460	PE213TC-3-6	NEPE	\$869	M16	89.5	19.0	143	1,2
5	3600	184TC	208-230/460	PE184TC-5-2	NEWT	\$714	M16	88.5	16.0	106	1,2
	1800	184TC	208-230/460	PE184TC-5-4	NEWT	\$670	M16	89.5	16.0	106	1,2
	1200	215TC	208-230/460	PE215TC-5-6	NEPE	\$1,142	M16	89.5	22.5	163	1,2
7.5	3600	213TC	208-230/460	PE213TC-7.5-2	NEWT	\$993	M16	89.5	19.0	157	1,2
	1800	213TC	208-230/460	PE213TC-7.5-4	NEPE	\$968	M16	91.7	19.0	157	1,2
	1200	254TC	208-230/460	PE254TC-7.5-6	NEPE	\$1,572	M16	91.0	23.4	260	1,2
10	3600	215TC	208-230/460	PE215TC-10-2	NEWT	\$1,119	M16	90.2	22.5	183	1,2
	1800	215TC	208-230/460	PE215TC-10-4	NEPE	\$1,163	M16	91.7	22.5	183	1,2
	1200	256TC	208-230/460	PE256TC-10-6	NEPE	\$1,992	M16	91.0	25.1	302	1,2
15	3600	254TC	208-230/460	PE254TC-15-2	NEWT	\$1,644	M16	91.0	23.4	289	1,2
	1800	254TC	208-230/460	PE254TC-15-4	NEPE	\$1,631	M16	92.4	23.4	289	1,2
20	3600	256TC	208-230/460	PE256TC-20-2	NEWT	\$2,011	M16	91.0	25.1	341	1,2
	1800	256TC	208-230/460	PE256TC-20-4	NEPE	\$1,939	M16	93.0	25.1	341	1,2
25	1800	284TC	208-230/460	PE284TC-25-4	NEWT	\$2,389	M16	93.6	28.0	432	1,2
30	1800	286TC	208-230/460	PE286TC-30-4	NEWT	\$2,785	M16	93.6	29.5	474	1,2
40	1800	324TC	208-230/460	PE324TC-40-4	NEWT	\$3,728	M16	94.1	30.8	590	1,2
50	1800	326TC	208-230/460	PE326TC-50-4	NEWT	\$4,474	M16	94.5	31.8	683	1,2
60	1800	364TC	208-230/460	PE364TC-60-4	NEPE	\$6,010	M16	95.0	33.2	841	1,2
75	1800	365TC	208-230/460	PE365TC-75-4	NEPE	\$6,831	M16	95.4	34.2	941	1,2
100	1800	405TC	208-230/460	PE405TC-100-4	NEPE	\$7,889	M16	95.4	38.5	1172	1,2
125	1800	444TC	460	PE444TC-125-4	NEWT	\$11,977	M16	95.4	42.8	1432	1,2
150	1800	445TC	460	PE445TC-150-4	NEPE	\$12,707	M16	95.8	44.8	1564	1,2
200	1800	447TC	460	PE447TC-200-4	NEPE	\$16,317	M16	95.8	48.3	1905	1,2
250	1800	449TC	460	PE449TC-250-4	NEPE	\$19,688	M16	96.2	53.3	2247	1,2
300	1800	449TC	460	PE449TC-300-4	NEPE	\$24,938	M16	96.2	53.3	2685	1,2

Effective: April 15, 2011

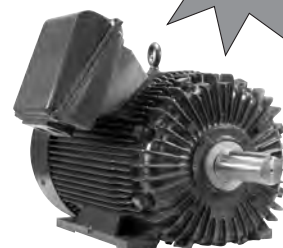
Notes:

1.) NEMA Premium® (NEMA MG-1 Table 12-12)

2.) Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)



**EISA COMPLIANT AND PREMIUM CRUSHER DESIGN
THREE PHASE, TOTALLY ENCLOSED FAN COOLED
HEAVY DUTY CAST IRON CONSTRUCTION
NEMA DESIGN C - HIGH TORQUE**



APPLICATIONS:

Special purpose use on crushing and pulverizing equipment and other industrial equipment requiring extremely high starting torques and breakdown torques.

FEATURES:

- * Meets or exceeds EISA Efficiency Requirements
- * Suitable for wye-delta start on 213T frame and above
- * Dual voltage ratings suitable for part wind start on lower voltage
- * Single voltage ratings suitable for part wind start at 460V are noted
- * 1.15 Service Factor @ 60 hertz; 1.0 Service Factor @ 50 hertz
- * Suitable for 575V @ 1.0 Service Factor
- * Inverter Rated (10:1 variable torque; 5:1 constant torque)
- * Vacuum Pressure Impregnation for all windings
- * Sealed bearings thru 215T frame
- * Regreasable open bearings 254T frame and above
- * Mechanical "V" Seal on drive end
- * Class F insulation system, class B rise at full load
- * 40° C ambient continuous duty
- * Corrosion resistant paint
- * Stainless steel nameplate and zinc plated hardware
- * F1/F2 reversible
- * Feet are dual drilled on most frames for mounting flexibility
- * NEMA Design B performance
- * Cast iron frame construction including the conduit box
- * C-Flange and D-Flange field conversion kits available
- * Lifting provisions on 143T frame and above
- * Condensation drains with plastic plugs
- * IP55 Protection - Terminal box is sealed for IP66 protection
- * CSA + C + US Certification
- * ISO 9001 Certification

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	BD Torq %	"C" DIM.	WT. (LBS.)	NOTES
1	1800	143T	208-230/460	PE143T-1-4C	NEWT	\$282	M12	320	12.5	55	2,4,5
	1200	145T	208-230/460	PE145T-1-6C	NEWT	\$392	M12	340	13.5	68	2,4,5
	900	182T	208-230/460	PE182T-1-8C	NEWT	\$510	M12	320	15.3	64	2,4,5
1.5	3600	143T	208-230/460	PE143T-1.5-2-EC	NEWT	\$382	M12	260	15.3	60	2,4,5
	1800	145T	208-230/460	PE145T-1.5-4C	NEWT	\$348	M12	300	13.5	62	2,4,5
	1200	182T	208-230/460	PE182T-1.5-6C	NEWT	\$408	M12	320	15.3	90	2,4,5
	900	184T	208-230/460	PE184T-1.5-8C	NEWT	\$635	M12	310	16.0	91	2,4,5
2	3600	145T	208-230/460	PE145T-2-2-EC	NEWT	\$416	M12	220	13.5	62	2,4,5
	1800	145T	208-230/460	PE145T-2-4C	NEWT	\$369	M12	280	13.5	64	2,4,5
	1200	184T	208-230/460	PE184T-2-6C	NEWT	\$540	M12	300	16.0	91	2,4,5
	900	213T	208-230/460	PE213T-2-8C	NEWT	\$900	M12	340	19.0	145	2,4,5
3	3600	182T	208-230/460	PE182T-3-2-EC	NEWT	\$529	M12	270	15.3	90	2,4,5
	1800	182T	208-230/460	PE182T-3-4C	NEWT	\$471	M12	340	15.3	90	2,4,5
	1200	213T	208-230/460	PE213T-3-6C	NEWT	\$807	M12	280	19.0	143	2,4,5
	900	215T	208-230/460	PE215T-3-8C	NEWT	\$1,258	M12	340	22.5	165	2,4,5
5	3600	184T	208-230/460	PE184T-5-2-EC	NEWT	\$665	M12	240	16.0	106	2,4,5
	1800	184T	208-230/460	PE184T-5-4C	NEWT	\$527	M12	310	16.0	106	2,4,5
	1200	215T	208-230/460	PE215T-5-6C	NEWT	\$931	M12	250	22.5	163	2,4,5
	900	254T	208-230/460	PE254T-5-8C	NEWT	\$1,508	M12	300	23.4	260	2,4,5
7.5	3600	184T	208-230/460	PE184T-7.5-2-EC	NEWT	\$900	M12	240	16.0	118	2,4,5
	3600	213T	208-230/460	PE213T-7.5-2-EC	NEWT	\$1,000	M12	220	19.0	157	2,4,5
	1800	213T	208-230/460	PE213T-7.5-4C	NEWT	\$729	M12	270	19.0	157	2,4,5
	1200	254T	208-230/460	PE254T-7.5-6C	NEWT	\$1,193	M12	240	23.4	260	2,4,5
	900	256T	208-230/460	PE256T-7.5-8C	NEWT	\$1,660	M12	290	25.1	305	2,4,5
10	3600	215T	208-230/460	PE215T-10-2-EC	NEWT	\$1,043	M12	220	22.5	183	2,4,5
	1800	215T	208-230/460	PE215T-10-4C	NEWT	\$878	M12	265	22.5	183	2,4,5
	1200	256T	208-230/460	PE256T-10-6C	NEWT	\$1,622	M12	250	25.1	302	2,4,5
	900	284T	208-230/460	PE284T-10-8C	NEWT	\$2,401	M12	250	28.0	395	2,4,5
15	3600	254T	208-230/460	PE254T-15-2-EC	NEWT	\$1,476	M12	220	23.4	289	2,4,5
	1800	254T	208-230/460	PE254T-15-4C	NEWT	\$1,216	M12	240	23.4	289	2,4,5
	1200	284T	208-230/460	PE284T-15-6C	NEWT	\$2,037	M12	240	28.0	392	2,4,5
	900	286T	208-230/460	PE286T-15-8C	NEWT	\$3,107	M12	260	29.5	456	2,4,5
20	3600	256T	208-230/460	PE256T-20-2-EC	NEWT	\$1,860	M12	220	25.1	341	2,4,5
	1800	256T	208-230/460	PE256T-20-4C	NEWT	\$1,452	M12	230	25.1	341	2,4,5
	1200	286T	208-230/460	PE286T-20-6C	NEWT	\$2,541	M12	220	29.5	454	2,4,5
	900	324T	208-230/460	PE324T-20-8C	NEWT	\$3,642	M12	250	30.3	547	2,4,5
25	3600	284TS	208-230/460	PE284TS-25-2-EC	NEWT	\$2,304	M12	210	28.0	430	2,4,5
	1800	284T	208-230/460	PE284T-25-4C	NEWT	\$3,937	M12	240	28.0	432	2,4,5
	1200	324T	208-230/460	PE324T-25-6C	NEWT	\$5,399	M12	220	30.3	541	2,4,5
	900	326T	208-230/460	PE326T-25-8C	NEWT	\$6,466	M12	220	31.8	599	2,4,5



North American Electric, Inc.

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	BD Torq %	"C" DIM.	WT. (LBS.)	NOTES
30	3600	286TS	208-230/460	PE286TS-30-2-EC	NEWT	\$2,433	M12	205	29.5	472	2,4,5
	1800	286T	208-230/460	PE286T-30-4C	NEWT	\$2,140	M12	250	29.5	474	2,4,5
	1200	326T	208-230/460	PE326T-30-6C	NEWT	\$3,393	M12	220	31.8	597	2,4,5
	900	364T	208-230/460	PE364T-30-8C	NEWT	\$4,913	M12	200	33.2	789	2,4,5
40	3600	324TS	208-230/460	PE324TS-40-2-EC	NEWT	\$3,481	M12	205	30.8	588	2,4,5
	1800	324T	208-230/460	PE324T-40-4C	NEWT	\$2,748	M12	240	30.8	590	2,4,5
	1200	364T	208-230/460	PE364T-40-6C	NEWT	\$4,217	M12	200	33.2	786	2,4,5
	900	365T	208-230/460	PE365T-40-8C	NEWT	\$6,009	M12	190	34.2	881	2,4,5
50	3600	326TS	208-230/460	PE326TS-50-2-EC	NEWT	\$3,937	M12	200	31.8	681	2,4,5
	1800	326T	208-230/460	PE326T-50-4C	NEWT	\$3,437	M12	240	31.8	683	2,4,5
	1200	365T	208-230/460	PE365T-50-6C	NEWT	\$5,530	M12	200	34.2	863	2,4,5
	900	404T	208-230/460	PE404T-50-8C	NEWT	\$7,201	M12	240	37.0	1057	2,4,5
60	3600	364TS	208-230/460	PE364TS-60-2-EC	NEWT	\$5,399	M12	200	33.2	839	2,4,5
	1800	364T	208-230/460	PE364T-60-4C	NEWT	\$4,540	M12	220	33.2	841	2,4,5
	1200	404T	208-230/460	PE404T-60-6C	NEWT	\$6,114	M12	230	37.0	1102	2,4,5
	900	405T	208-230/460	PE405T-60-8C	NEWT	\$8,183	M12	230	38.5	1057	2,4,5
75	3600	365TS	208-230/460	PE365TS-75-2-EC	NEWT	\$6,466	M12	200	34.2	939	2,4,5
	1800	365T	208-230/460	PE365T-75-4C	NEWT	\$5,250	M12	220	34.2	941	2,4,5
	1200	405T	208-230/460	PE405T-75-6C	NEWT	\$6,408	M12	230	38.5	1150	2,4,5
	900	444T	208-230/460	PE444T-75-8C	NEWT	\$11,953	M12	230	42.8	1432	2,4,5
100	3600	405TS	208-230/460	PE405TS-100-2-EC	NEWT	\$8,315	M12	200	38.5	1170	2,4,5
	1800	405T	208-230/460	PE405T-100-4C	NEWT	\$6,672	M12	210	38.5	1172	2,4,5
	1200	444T	208-230/460	PE444T-100-6C	NEWT	\$9,273	M12	220	42.8	1432	2,4,5
	900	445T	208-230/460	PE445T-100-8C	NEWT	\$12,877	M12	220	44.8	1465	2,4,5
125	3600	444TS	460	PE444TS-125-2-EC	NEWT	\$10,169	M12	200	42.8	1430	2,4
	1800	444T	460	PE444T-125-4C	NEWT	\$8,704	M12	220	42.8	1432	2,4
	1800	444T	460	PE444T-125-4C-BB	NEWT	\$8,704	M12	220	42.8	1432	2,4,8
	1800	444T	460	PE444T-125-4C-PWS	NEWT	\$8,704	M12	220	42.8	1432	2,4,6
	1200	445T	460	PE445T-125-6C	NEWT	\$10,804	M12	220	44.8	1465	2,4
	900	447T	460	PE447T-125-8C	NEWT	\$16,545	M12	220	48.3	1575	2,4
150	3600	445TS	460	PE445TS-150-2-EC	NEWT	\$11,702	M12	200	44.8	1562	2,4
	1800	445T	460	PE445T-150-4C	NEWT	\$9,558	M12	200	44.8	1564	2,4
	1800	445T	460	PE445T-150-4C-BB	NEWT	\$9,558	M12	200	44.8	1564	2,4,8
	1800	445T	460	PE445T-150-4C-PWS	NEWT	\$9,558	M12	200	44.8	1564	2,4,6
	1200	447T	460	PE447T-150-6C	NEWT	\$13,801	M12	220	48.3	1575	2,4
	900	449T	460	PE449T-150-8C	NEWT	\$18,835	M12	220	53.3	1905	2,4
200	3600	447TS	460	PE447TS-200-2-EC	NEWT	\$15,816	M12	200	48.3	1902	2,4
	1800	447T	460	PE447T-200-4C	NEWT	\$12,703	M12	200	48.3	1905	2,4
	1800	447T	460	PE447T-200-4C-BB	NEWT	\$12,703	M12	200	48.3	1905	2,4,8
	1800	447T	460	PE447T-200-4C-PWS	NEWT	\$12,703	M12	200	48.3	1905	2,4,6
	1200	449T	460	PE449T-200-6C	NEWT	\$16,330	M12	230	53.3	2259	2,4
	900	449T	460	PE449T-200-8C	NEWT	\$21,174	M12	230	53.3	2720	2,4
250	3600	449TS	460	PE449TS-250-2-EC	NEWT	\$19,435	M12	200	53.3	2245	2,4
	1800	449T	460	PE449T-250-4C	NEWT	\$16,074	M12	200	53.3	2247	2,4
	1800	449T	460	PE449T-250-4C-BB	NEWT	\$16,074	M12	200	53.3	2247	2,4,8
	1800	449T	460	PE449T-250-4C-PWS	NEWT	\$16,074	M12	200	53.3	2247	2,4,6
	1200	449T	460	PE449T-250-6C	NEWT	\$21,168	M12	230	53.3	2259	2,4
	1200	586/7UZ	460	PE587UZ-250-6C	NC58	\$29,795	M4	263	71.7	5258	2,4,6
	1200	587U	460	PE587U-250-6C	NC58	\$28,293	M4	263	71.7	3616	2,4,6
	1200	587U	460	PE587U-250-6C-BB	NC58	\$28,293	M4	263	71.7	3616	2,4,6,8
	900	586/7U	460	PE587U-250-8C	NC58	\$37,580	M4	226	71.7	5751	2,4,6
300	3600	449TS	460	PE449TS-300-2-EC	NEWT	\$22,985	M12	210	53.3	2681	2,4
	1800	449T	460	PE449T-300-4C	NEWT	\$21,808	M12	220	53.3	2685	2,4
	1800	449T	460	PE449T-300-4C-BB	NEWT	\$21,808	M12	220	53.3	2685	2,4,8
	1800	449T	460	PE449T-300-4C-PWS	NEWT	\$21,808	M12	220	53.3	2685	2,4,6
	1800	586/7UZ	460	PE587UZ-300-4C	NC58	\$30,600	M4	254	71.7	4662	2,4,6,7
	1800	586/7U	460	PE587U-300-4C	NC58	\$29,200	M4	254	71.7	4662	2,4,6
	1800	586/7U	460	PE587U-300-4C-BB	NC58	\$29,200	M4	254	71.7	4662	2,4,6,8
	1200	449T	460	PE449T-300-6C	NEWT	\$25,161	M12	230	53.3	2805	2,4
	1200	586/7UZ	460	PE587UZ-300-6C	NC58	\$32,500	M4	247	71.7	5384	2,4,6,7
	1200	587U	460	PE587U-300-6C	NC58	\$31,200	M4	220	71.7	3880	2,4,6
	1200	587U	460	PE587U-300-6C-BB	NC58	\$31,200	M4	220	71.7	3880	2,4,6,8
	900	586/7U	460	PE587U-300-8C	NC58	\$39,015	M4	218	71.7	6000	2,4,6
350	1800	586/7UZ	460	PE587UZ-350-4C	NC58	\$31,500	M4	270	71.7	4896	1,4,6,7
	1800	586/7U	460	PE587U-350-4C	NC58	\$30,050	M4	270	71.7	4896	1,4,6
	1800	586/7U	460	PE587U-350-4C-BB	NC58	\$30,050	M4	270	71.7	4896	1,4,6,8
	1200	586/7UZ	460	PE587UZ-350-6C	NC58	\$35,800	M4	265	71.7	6000	1,4,6,7
	1200	586/7U	460	PE587U-350-6C	NC58	\$34,100	M4	265	71.7	5751	1,4,6
	1200	586/7U	460	PE587U-350-6C-BB	NC58	\$34,100	M4	265	71.7	5751	1,4,6,8

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	BD Torq %	"C" DIM.	WT. (LBS.)	NOTES
400	1800	586/7UZ	460	PE587UZ-400-4C	NC58	\$34,500	M4	252	71.7	5033	1,4,6,7
	1800	586/7U	460	PE587U-400-4C	NC58	\$32,950	M4	252	71.7	5033	1,4,6
	1800	586/7U	460	PE587U-400-4C-BB	NC58	\$32,950	M4	252	71.7	5033	1,4,6,8
	1200	586/7UZ	460	PE587UZ-400-6C	NC58	\$39,650	M4	234	71.7	6000	1,4,6,7
	1200	586/7U	460	PE587U-400-6C	NC58	\$37,650	M4	234	71.7	6000	1,4,6
	1200	586/7U	460	PE587U-400-6C-BB	NC58	\$37,650	M4	234	71.7	6000	1,4,6,8
450	1800	586/7U	460	PE587U-450-4C	NC58	\$37,250	M4	270	71.7	5424	1,4,6
	1200	586/7U	460	PE587U-450-6C	NC58	\$44,450	M4	265	71.7	6102	1,4,6
	1200	586/7U	460	PE587U-450-6C-BB	NC58	\$44,450	M4	265	71.7	6102	1,4,6,8
500	1800	586/7UZ	460	PE587UZ-500-4C	NC58	\$42,996	M4	280	71.7	5744	1,4,6,7
	1200	586/7UZ	460	PE587UZ-500-6C	NC58	\$50,950	M4	275	71.7	6253	1,4,6,7
600	1800	586/7UZ	460	PE587UZ-600-4C	NC58	\$49,991	M4	96.8	71.7	5924	1,4,6,7

Effective: April 15, 2011

Notes:

- 1.) NEMA Premium® (NEMA MG-1 Table 12-12)
- 2.) EISA Compliant (NEMA MG-1 Table 12-11)
- 3.) Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)
- 4.) Inverter Rated (10:1 Variable Torque; 5:1 Constant Torque)
- 5.) 12 Lead Partwind Start at 230V
- 6.) 12 Lead Partwind Start at 460V
- 7.) Equipped with Terminal Blocks as Standard
- 8.) Ball Bearing on Drive End for Direct Drive Applications



North American Electric, Inc.



**EISA COMPLIANT AND PREMIUM CRUSHER DESIGN
THREE PHASE, TOTALLY ENCLOSED FAN COOLED
HEAVY DUTY CAST IRON CONSTRUCTION
NEMA DESIGN C - HIGH TORQUE**



APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments.

FEATURES:

- * Meets or exceeds EISA Efficiency Requirements
- * Suitable for wye-delta start on 213T frame and above
- * Dual voltage ratings suitable for part wind start on lower voltage
- * Single voltage ratings suitable for part wind start at 460V are noted
- * 1.15 Service Factor @ 60 hertz; 1.0 Service Factor @ 50 hertz
- * Suitable for 575V @ 1.0 Service Factor
- * Inverter Rated (10:1 variable torque; 5:1 constant torque)
- * Vacuum Pressure Impregnation for all windings
- * Sealed bearings thru 215T frame
- * Regreasable open bearings 254T frame and above
- * Class F insulation system, class B rise at full load
- * 40° C ambient continuous duty
- * Corrosion resistant paint
- * Stainless steel nameplate and zinc plated hardware
- * F1/F2 reversible
- * Feet are dual drilled on most frames for mounting flexibility
- * NEMA Design B performance
- * Cast iron frame construction including the conduit box
- * D-Flange field conversion kits available
- * Lifting provisions on 143TC frame and above
- * Condensation drains with plastic plugs
- * IP55 Protection - Terminal box is sealed for IP66 protection
- * CSA + C + US Certification
- * ISO 9001 Certification

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
1	1800	143TC	208-230/460	PE143TC-1-4C	NEWT	\$294	M12	85.5	12.5	55	2
	1200	145TC	208-230/460	PE145TC-1-6C	NEWT	\$409	M12	82.5	13.5	68	2
1.5	3600	143TC	208-230/460	PE143TC-1.5-2-EC	NEWT	\$399	M12	84.0	12.5	60	1
	1800	145TC	208-230/460	PE145TC-1.5-4C	NEWT	\$362	M12	86.5	13.5	62	2
	1200	182TC	208-230/460	PE182TC-1.5-6C	NEWT	\$428	M12	87.5	15.3	90	2
2	3600	145TC	208-230/460	PE145TC-2-2-EC	NEWT	\$434	M12	85.5	13.5	62	1
	1800	145TC	208-230/460	PE145TC-2-4C	NEWT	\$384	M12	86.5	13.5	64	2
	1200	184TC	208-230/460	PE184TC-2-6C	NEWT	\$567	M12	88.5	16.0	91	2
3	3600	182TC	208-230/460	PE182TC-3-2-EC	NEWT	\$552	M12	86.5	15.3	90	1
	1800	182TC	208-230/460	PE182TC-3-4C	NEWT	\$551	M12	89.5	15.3	90	2
	1200	213TC	208-230/460	PE213TC-3-6C	NEWT	\$848	M12	89.5	19.0	143	2
5	3600	184TC	208-230/460	PE184TC-5-2-EC	NEWT	\$694	M12	88.5	16.0	106	1
	1800	184TC	208-230/460	PE184TC-5-4C	NEWT	\$549	M12	89.5	16.0	106	2
	1200	215TC	208-230/460	PE215TC-5-6C	NEWT	\$969	M12	89.5	22.5	163	2
7.5	3600	213TC	208-230/460	PE213TC-7.5-2-EC	NEWT	\$938	M12	89.5	19.0	157	1
	1800	213TC	208-230/460	PE213TC-7.5-4C	NEWT	\$760	M12	91.7	19.0	157	2
	1200	254TC	208-230/460	PE254TC-7.5-6C	NEWT	\$1,242	M12	91.0	23.4	260	2
10	3600	215TC	208-230/460	PE215TC-10-2-EC	NEWT	\$1,087	M12	90.2	22.5	183	1
	1800	215TC	208-230/460	PE215TC-10-4C	NEWT	\$914	M12	91.7	22.5	183	2
	1200	256TC	208-230/460	PE256TC-10-6C	NEWT	\$1,690	M12	91.0	25.1	302	2
15	3600	254TC	208-230/460	PE254TC-15-2-EC	NEWT	\$1,538	M12	91.0	23.4	289	1
	1800	254TC	208-230/460	PE254TC-15-4C	NEWT	\$1,267	M12	92.4	23.4	289	2
20	3600	256TC	208-230/460	PE256TC-20-2-EC	NEWT	\$1,938	M12	91.0	25.1	341	1
	1800	256TC	208-230/460	PE256TC-20-4C	NEWT	\$1,513	M12	93.0	25.1	341	2
25	1800	284TC	208-230/460	PE284TC-25-4C	NEWT	\$1,972	M12	93.6	28.0	432	2
30	1800	286TC	208-230/460	PE286TC-30-4C	NEWT	\$2,229	M12	93.6	29.5	474	2
40	1800	324TC	208-230/460	PE324TC-40-4C	NEWT	\$2,863	M12	94.1	30.8	590	2
50	1800	326TC	208-230/460	PE326TC-50-4C	NEWT	\$3,580	M12	94.5	31.8	683	2
60	1800	364TC	208-230/460	PE364TC-60-4C	NEWT	\$4,730	M12	95.0	33.2	841	2
75	1800	365TC	208-230/460	PE365TC-75-4C	NEWT	\$5,469	M12	95.4	34.2	941	2
100	1800	405TC	208-230/460	PE405TC-100-4C	NEWT	\$6,950	M12	95.4	38.5	1172	2
125	1800	444TC	460	PE444TC-125-4C	NEWT	\$9,066	M12	95.4	42.8	1432	2
150	1800	445TC	460	PE445TC-150-4C	NEWT	\$9,956	M12	95.8	44.8	1564	2
200	1800	447TC	460	PE447TC-200-4C	NEWT	\$13,232	M12	95.8	48.3	1905	2
250	1800	449TC	460	PE449TC-250-4C	NEWT	\$17,255	M12	96.2	53.3	2247	2
300	1800	449TC	460	PE449TC-300-4C	NEWT	\$24,663	M12	96.2	53.3	2685	2

Effective: April 15, 2011

Notes:

- 1.) NEMA Premium (NEMA MG-1 Table 12-12) / Inverter Duty (20:1 Variable Torque; 10:1 Constant Torque)
- 2.) EISA Compliant (NEMA MG-1 Table 12-11) / Inverter Rated (10:1 Variable Torque; 5:1 Constant Torque)



**GENERAL PURPOSE
EXPLOSION PROOF MOTORS
THREE PHASE, TEFC HOSTILE DUTY
ENERGY EFFICIENT - EPACT RATED**

APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments. These motors are designed to be used in hazardous locations as defined by Class and Group.

FEATURES:

- * Meets or exceeds EPACT '92 and NRC an efficiency requirements
- * Class I, Div I, Groups C & D and Class II, Div I, Groups E, F & G
- * Operating Temperature Code: TC3
- * Totally Enclosed Explosion Proof (TEXP) Enclosure
- * UL Listed
- * CSA + C + US Certification
- * ISO 9001 Certification
- * Suitable for wye-delta start on 213T frame and above
- * Dual voltage ratings suitable for part wind start on lower voltage
- * 1.15 Service Factor @ 60 hertz; 1.0 Service Factor @ 50 hertz
- * Vacuum Pressure Impregnation for all windings
- * Sealed bearings thru 215T frame
- * Regreasable open bearings 254T frame and above
- * Class F insulation system, class B rise at full load
- * Corrosion resistant epoxy paint
- * Stainless steel nameplate and zinc plated hardware
- * F1/F2 reversible
- * Feet are dual drilled for mounting flexibility
- * NEMA Design B performance
- * Cast iron frame construction including the conduit box
- * Severe Duty conversion kit available
- * C-Flange field conversion kits available
- * Lifting provisions on 143T frame and above
- * IP 55 Protection

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
1	1800	143T	208-230/460	XP1801	NEXP	\$566	M5	82.5	14.6"	70	
	1200	145T	208-230/460	XP1201	NEXP	\$655	M5	80.0	14.6"	71	
1.5	3600	143T	208-230/460	XP3612	NEXP	\$612	M5	82.5	14.6"	71	
	1800	145T	208-230/460	XP1812	NEXP	\$626	M5	84.0	14.6"	72	
	1200	182T	208-230/460	XP1212	NEXP	\$747	M5	85.5	17.1"	113	
2	3600	145T	208-230/460	XP3602	NEXP	\$666	M5	84.0	14.6"	75	
	1800	145T	208-230/460	XP1802	NEXP	\$700	M5	84.0	14.6"	74	
	1200	184T	208-230/460	XP1202	NEXP	\$901	M5	86.5	17.1"	123	
3	3600	182T	208-230/460	XP3603	NEXP	\$818	M5	85.5	17.1"	115	
	1800	182T	208-230/460	XP1803	NEXP	\$849	M5	87.5	17.1"	121	
	1200	213T	208-230/460	XP1203	NEXP	\$1,081	M5	87.5	20.3"	219	
5	3600	184T	208-230/460	XP3605	NEXP	\$1,021	M5	87.5	17.1"	128	
	1800	184T	208-230/460	XP1805	NEXP	\$1,015	M5	87.5	17.1"	143	
	1200	215T	208-230/460	XP1205	NEXP	\$1,424	M5	87.5	20.3"	279	
7.5	3600	213T	208-230/460	XP3672	NEXP	\$1,279	M5	88.5	20.3"	253	
	1800	213T	208-230/460	XP1872	NEXP	\$1,352	M5	89.5	20.3"	271	
	1200	254T	208-230/460	XP1272	NEXP	\$1,702	M5	89.5	26.2"	353	
10	3600	215T	208-230/460	XP3610	NEXP	\$1,458	M5	89.5	20.3"	282	
	1800	215T	208-230/460	XP1810	NEXP	\$1,483	M5	89.5	20.3"	273	
	1200	256T	208-230/460	XP1210	NEXP	\$2,112	M5	89.5	26.2"	370	
15	3600	254T	208-230/460	XP3615	NEXP	\$2,005	M5	90.2	26.2"	385	
	1800	254T	208-230/460	XP1815	NEXP	\$2,083	M5	91.0	26.2"	393	
	1200	284T	208-230/460	XP1215	NEXP	\$2,781	M5	90.2	29.6"	495	
20	3600	256T	208-230/460	XP3620	NEXP	\$2,357	M5	90.2	26.2"	429	
	1800	256T	208-230/460	XP1820	NEXP	\$2,323	M5	91.0	26.2"	425	
	1200	286T	208-230/460	XP1220	NEXP	\$3,389	M5	90.2	29.6"	519	
25	3600	284TS	208-230/460	XP3625	NEXP	\$2,866	M5	91.0	28.2"	506	
	1800	284T	208-230/460	XP1825	NEXP	\$2,865	M5	92.4	29.6"	544	
	1200	324T	208-230/460	XP1225	NEXP	\$3,971	M5	91.7	33.3"	664	
30	3600	286TS	208-230/460	XP3630	NEXP	\$3,421	M5	91.0	28.2"	528	
	1800	286T	208-230/460	XP1830	NEXP	\$3,194	M5	92.4	29.6"	571	
	1200	326T	208-230/460	XP1230	NEXP	\$5,004	M5	91.7	33.3"	728	
40	3600	324TS	208-230/460	XP3640	NEXP	\$4,316	M5	91.7	31.7"	708	
	1800	324T	208-230/460	XP1840	NEXP	\$4,284	M5	93.0	33.3"	734	
	1200	364T	208-230/460	XP1240	NEXP	\$6,436	M5	93.0	35.5"	911	
50	3600	326TS	208-230/460	XP3650	NEXP	\$5,648	M5	92.4	31.7"	756	
	1800	326T	208-230/460	XP1850	NEXP	\$5,200	M5	93.0	33.3"	766	
	1200	365T	208-230/460	XP1250	NEXP	\$6,832	M5	93.0	35.5"	985	



North American Electric, Inc.

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
60	3600	364TS	208-230/460	XP3660	NEXP	\$6,831	M5	93.0	33.3"	874	
	1800	364T	208-230/460	XP1860	NEXP	\$6,767	M5	93.6	35.5"	968	
	1200	404T	208-230/460	XP1260	NEXP	\$8,936	M5	93.6	38.6"	1237	
75	3600	365TS	208-230/460	XP3675	NEXP	\$8,371	M5	93.0	33.3"	922	
	1800	365T	208-230/460	XP1875	NEXP	\$8,222	M5	94.1	35.5"	1047	
	1200	405T	208-230/460	XP1275	NEXP	\$10,335	M5	93.6	38.6"	1347	
100	3600	405TS	208-230/460	XP36100	NEXP	\$11,585	M5	93.6	35.6"	1346	
	1800	405T	208-230/460	XP18100	NEXP	\$10,299	M5	94.5	38.6"	1426	
	1200	444T	208-230/460	XP12100	NEXP	\$14,583	M5	94.1	45.5"	1745	
125	3600	444TS	460	XP36125	NEXP	\$13,952	M5	94.4	41.8"	1636	1
	1800	444T	460	XP18125	NEXP	\$13,074	M5	94.5	45.5"	1684	1
	1200	445T	460	XP12125	NEXP	\$19,482	M5	94.1	45.5"	1775	1
150	3600	445TS	460	XP36150	NEXP	\$18,265	M5	94.5	41.8"	1765	1
	1800	445T	460	XP18150	NEXP	\$20,526	M5	95.0	45.5"	1788	1
	1200	447T	460	XP12150	NEXP	\$25,910	M5	95.0	57.3"	2634	1
200	3600	447TS	460	XP36200	NEXP	\$25,619	M5	95.0	53.5"	2202	1
	1800	447T	460	XP18200	NEXP	\$26,719	M5	95.0	57.3"	2363	1
	1200	449T	460	XP12200	NEXP	\$37,192	M5	95.0	57.3"	2634	1
250	3600	449TS	460	XP36250	NEXP	\$35,186	M5	95.4	53.5"	2374	1
	1800	449T	460	XP18250	NEXP	\$38,232	M5	95.0	57.3"	2595	1
	1200	449T	460	XP12250	NEXP	\$42,575	M5	95.0	57.3"	2789	1
300	3600	449TS	460	XP36300	NEXP	\$41,500	M5	95.4	53.5"	2562	1
	1800	449T	460	XP18300	NEXP	\$40,500	M5	95.4	57.3"	2759	1

Notes:

1.) 460V only.



**GENERAL PURPOSE
EXPLOSION PROOF MOTORS
THREE PHASE, TEFC HOSTILE DUTY
ENERGY EFFICIENT - EPACT RATED
C-FACE FOOTED**

APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty, or dirty environments. These motors are designed to be used in hazardous locations as defined by Class and Group.

FEATURES:

- * Meets or exceeds EPACT '92 and NRCan efficiency requirements
- * Class I, Div I, Groups C & D and Class II, Div I, Groups E, F & G
- * Operating Temperature Code: TC3
- * Totally Enclosed Explosion Proof (TEXP) Enclosure
- * UL Listed
- * CSA + C + US Certification
- * ISO 9001 Certification
- * Suitable for wye-delta start on 213T frame and above
- * Dual voltage ratings suitable for part wind start on lower voltage
- * 1.15 Service Factor @ 60 hertz; 1.0 Service Factor @ 50 hertz
- * Vacuum Pressure Impregnation for all windings
- * Sealed bearings thru 215T frame
- * Regreasable open bearings 254T frame and above
- * Class F insulation system, class B rise at full load
- * Corrosion resistant epoxy paint
- * Stainless steel nameplate and zinc plated hardware
- * F1/F2 reversible
- * Feet are dual drilled for mounting flexibility
- * NEMA Design B performance
- * Cast iron frame construction including the conduit box
- * Severe Duty conversion kit available
- * C-Flange field conversion kits available
- * Lifting provisions on 143T frame and above
- * IP55 Protection

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
2	1800	145TC	208-230/460	XP1802C	NEXP	\$759	M5	84.0	14.6"	74	
3	1800	182TC	208-230/460	XP1803C	NEXP	\$928	M5	87.5	17.1"	121	
5	3600	184TC	208-230/460	XP3605C	NEXP	\$1,095	M5	87.5	17.1"	128	
	1800	184TC	208-230/460	XP1805C	NEXP	\$1,105	M5	87.5	17.1"	143	
7.5	1800	213TC	208-230/460	XP1872C	NEXP	\$1,464	M5	89.5	20.3"	271	
10	3600	215TC	208-230/460	XP3610C	NEXP	\$1,665	M5	89.5	20.3"	282	
	1800	215TC	208-230/460	XP1810C	NEXP	\$1,671	M5	89.5	20.3"	273	
15	1800	254TC	208-230/460	XP1815C	NEXP	\$2,180	M5	91.0	26.2"	393	
20	1800	256TC	208-230/460	XP1820C	NEXP	\$2,440	M5	91.0	26.2"	425	
25	1800	284TC	208-230/460	XP1825C	NEXP	\$2,914	M5	92.4	29.6"	544	
30	1800	286TC	208-230/460	XP1830C	NEXP	\$3,340	M5	92.4	29.6"	571	
40	1800	324TC	208-230/460	XP1840C	NEXP	\$4,446	M5	93.0	33.3"	734	
50	1800	326TC	208-230/460	XP1850C	NEXP	\$5,334	M5	93.0	33.3"	766	
60	1800	364TC	208-230/460	XP1860C	NEXP	\$7,090	M5	93.6	35.5"	968	
75	1800	365TC	208-230/460	XP1875C	NEXP	\$8,664	M5	94.1	35.5"	1047	
100	3600	405TSC	208-230/460	XP36100C	NEXP	\$10,958	M5	93.6	35.6"	1346	
	1800	405TC	208-230/460	XP18100C	NEXP	\$10,887	M5	94.5	38.6"	1426	

Note: The items listed above are standard stock items. All other ratings can be ordered from the factory. In order to determine your price for a C-Face, Footed Explosion Proof (NEXP) Series motor add 7% to the current net price of the equivalent Standard Mount Explosion Proof (NEXP) Series motor. Although lead times may vary the average lead time from the date an order is received by us is approximately 60-90 days. C-Flange conversion kits are also available from our stock for all Explosion Proof (NEXP) Series motors.



EXPLOSION PROOF MOTORS
NEMA PREMIUM EFFICIENCY®
THREE PHASE, TEFC HOSTILE DUTY
ENERGY EFFICIENT - EPACT RATED

APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty or dirty environments. These motors are designed to be used in hazardous locations as defined by Class and Group.

FEATURES:

- * Meets or exceeds NEMA Premium Efficiency® Standards
- * Class I, Div I, Groups C & D and Class II, Div I, Groups E, F & G
- * Operating Temperature Code: TC3
- * Totally Enclosed Explosion Proof (TEXP) Enclosure
- * UL Listed
- * CSA + C + US Certification
- * ISO 9001 Certification
- * Suitable for wye-delta start on 213T frame and above
- * Dual voltage ratings suitable for part wind start on lower voltage
- * 1.15 Service Factor @ 60 hertz; 1.0 Service Factor @ 50 hertz
- * Vacuum Pressure Impregnation for all windings
- * Sealed bearings thru 215T frame
- * Regreasable open bearings 254T frame and above
- * Class F insulation system, class B rise at full load
- * Corrosion resistant epoxy paint
- * Stainless steel nameplate and zinc plated hardware
- * F1/F2 reversible
- * Feet are dual drilled for mounting flexibility
- * NEMA Design B performance
- * Cast iron frame construction including the conduit box
- * Severe Duty conversion kit available
- * C-Flange field conversion kits available
- * Lifting provisions on 143T frame and above
- * IP55 Protection

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
1	1800	143T	208-230/460	PEXP1801	NEXP	\$760	M5	85.5	14.6"	70	
	1200	145T	208-230/460	PEXP1201	NEXP	\$819	M5	82.5	14.6"	71	
1.5	3600	143T	208-230/460	PEXP3612	NEXP	\$775	M5	84.0	14.6"	71	
	1800	145T	208-230/460	PEXP1812	NEXP	\$830	M5	86.5	14.6"	72	
	1200	182T	208-230/460	PEXP1212	NEXP	\$917	M5	87.5	17.1"	113	
		184T	208-230/460	PEXP1202	NEXP	\$869	M5	85.5	14.6"	75	
2	3600	145T	208-230/460	PEXP3602	NEXP	\$917	M5	86.5	14.6"	74	
	1800	145T	208-230/460	PEXP1802	NEXP	\$1,162	M5	88.5	17.1"	123	
	1200	184T	208-230/460	PEXP1203	NEXP	\$1,066	M5	86.5	17.1"	115	
3	3600	182T	208-230/460	PEXP3603	NEXP	\$1,114	M5	89.5	17.1"	121	
	1800	182T	208-230/460	PEXP1803	NEXP	\$1,411	M5	89.5	20.3"	219	
	1200	213T	208-230/460	PEXP1203	NEXP	\$1,315	M5	88.5	17.1"	128	
5	3600	184T	208-230/460	PEXP3605	NEXP	\$1,315	M5	89.5	17.1"	143	
	1800	184T	208-230/460	PEXP1805	NEXP	\$1,809	M5	89.5	20.3"	279	
	1200	215T	208-230/460	PEXP1205	NEXP	\$1,560	M5	89.5	20.3"	253	
7.5	3600	213T	208-230/460	PEXP3672	NEXP	\$1,726	M5	71.7	20.3"	271	
	1800	213T	208-230/460	PEXP1872	NEXP	\$1,979	M5	91.0	26.2"	353	
	1200	254T	208-230/460	PEXP1272	NEXP	\$1,804	M5	90.2	20.3"	282	
10	3600	215T	208-230/460	PEXP3610	NEXP	\$1,865	M5	91.7	20.3"	273	
	1800	215T	208-230/460	PEXP1810	NEXP	\$2,538	M5	91.0	26.2"	370	
	1200	256T	208-230/460	PEXP1210	NEXP	\$2,525	M5	91.0	26.2"	385	
15	3600	254T	208-230/460	PEXP3615	NEXP	\$2,525	M5	92.4	26.2"	393	
	1800	254T	208-230/460	PEXP1815	NEXP	\$3,024	M5	91.7	29.6"	495	
	1200	284T	208-230/460	PEXP1215	NEXP	\$2,680	M5	91.0	26.2"	429	
20	3600	256T	208-230/460	PEXP3620	NEXP	\$2,789	M5	93.0	26.2"	425	
	1800	256T	208-230/460	PEXP1820	NEXP	\$3,868	M5	91.7	29.6"	519	
	1200	286T	208-230/460	PEXP1220	NEXP	\$3,270	M5	91.7	28.2"	506	
25	3600	284TS	208-230/460	PEXP3625	NEXP	\$3,434	M5	93.6	29.6"	544	
	1800	284T	208-230/460	PEXP1825	NEXP	\$4,648	M5	93.0	33.3"	664	
	1200	324T	208-230/460	PEXP1225	NEXP	\$3,636	M5	91.7	28.2"	528	
30	3600	286TS	208-230/460	PEXP3630	NEXP	\$3,763	M5	93.6	29.6"	571	
	1800	286T	208-230/460	PEXP1830	NEXP	\$5,313	M5	93.0	33.3"	728	
	1200	326T	208-230/460	PEXP1230	NEXP	\$4,761	M5	92.4	31.7"	708	
40	3600	324TS	208-230/460	PEXP3640	NEXP	\$4,753	M5	94.1	33.3"	734	
	1800	324T	208-230/460	PEXP1840	NEXP	\$6,666	M5	94.1	35.5"	911	
	1200	364T	208-230/460	PEXP1240	NEXP	\$5,891	M5	93.0	31.7"	756	
50	3600	326TS	208-230/460	PEXP3650	NEXP	\$5,680	M5	94.5	33.3"	766	
	1800	326T	208-230/460	PEXP1850	NEXP	\$7,914	M5	94.1	35.5"	985	
	1200	365T	208-230/460	PEXP1250	NEXP						



North American Electric, Inc.

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
60	3600	364TS	208-230/460	PEXP3660	NEXP	\$6,949	M5	93.6	33.3"	874	
	1800	364T	208-230/460	PEXP1860	NEXP	\$7,016	M5	95.0	35.5"	968	
	1200	404T	208-230/460	PEXP1260	NEXP	\$10,029	M5	94.5	38.6"	1237	
75	3600	365TS	208-230/460	PEXP3675	NEXP	\$9,001	M5	93.6	33.3"	922	
	1800	365T	208-230/460	PEXP1875	NEXP	\$8,411	M5	95.4	35.5"	1047	
	1200	405T	208-230/460	PEXP1275	NEXP	\$11,458	M5	94.5	38.6"	1347	
100	3600	405TS	208-230/460	PEXP36100	NEXP	\$12,221	M5	94.1	35.6"	1346	
	1800	405T	208-230/460	PEXP18100	NEXP	\$11,205	M5	95.4	38.6"	1426	
	1200	444T	208-230/460	PEXP12100	NEXP	\$14,804	M5	95.0	45.5"	1745	
125	3600	444TS	460	PEXP36125	NEXP	\$15,124	M5	95.0	41.8"	1636	1
	1800	444T	460	PEXP18125	NEXP	\$14,715	M5	95.4	45.5"	1684	1
	1200	445T	460	PEXP12125	NEXP	\$19,988	M5	95.0	45.5"	1775	1
150	3600	445TS	460	PEXP36150	NEXP	\$21,995	M5	95.0	41.8"	1765	1
	1800	445T	460	PEXP18150	NEXP	\$21,995	M5	95.8	45.5"	1788	1
	1200	447T	460	PEXP12150	NEXP	\$27,572	M5	95.8	57.3"	2634	1
200	3600	447TS	460	PEXP36200	NEXP	\$25,955	M5	95.4	53.5"	2202	1
	1800	447T	460	PEXP18200	NEXP	\$25,699	M5	96.2	57.3"	2363	1
	1200	449T	460	PEXP12200	NEXP	\$36,251	M5	95.8	57.3"	2634	1
250	3600	449TS	460	PEXP36250	NEXP	\$38,999	M5	95.8	53.5"	2374	1
	1800	449T	460	PEXP18250	NEXP	\$38,999	M5	96.2	57.3"	2595	1

Effective: April 15, 2011

Notes:

1.) 460V only.



North American Electric, Inc.



**EXPLOSION PROOF MOTORS
NEMA PREMIUM EFFICIENCY®
THREE PHASE, TEFC HOSTILE DUTY
ENERGY EFFICIENT - EPACT RATED
C-FACE FOOTED**

APPLICATIONS:

General purpose use on pumps, fans, blowers, compressors, conveyors, material handling and other industrial machinery installed in damp, dusty, or dirty environments. These motors are designed to be used in hazardous locations as defined by Class and Group.

FEATURES:

- * Meets or exceeds NEMA Premium Efficiency® Standards
- * Class I, Div I, Groups C & D and Class II, Div I, Groups E, F & G
- * Operating Temperature Code: TC3
- * Totally Enclosed Explosion Proof (TEXP) Enclosure
- * UL Listed
- * CSA + C + US Certification
- * ISO 9001 Certification
- * Suitable for wye-delta start on 213T frame and above
- * Dual voltage ratings suitable for part wind start on lower voltage
- * 1.15 Service Factor @ 60 hertz; 1.0 Service Factor @ 50 hertz
- * Vacuum Pressure Impregnation for all windings
- * Sealed bearings thru 215T frame
- * Regreasable open bearings 254T frame and above
- * Class F insulation system, class B rise at full load
- * Corrosion resistant epoxy paint
- * Stainless steel nameplate and zinc plated hardware
- * F1/F2 reversible
- * Feet are dual drilled for mounting flexibility
- * NEMA Design B performance
- * Cast iron frame construction including the conduit box
- * Severe Duty conversion kit available
- * C-Flange field conversion kits available
- * Lifting provisions on 143T frame and above
- * IP55 Protection

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
2	1800	145TC	208-230/460	PEXP1802C	NEXP	\$955	M5	86.5	14.6"	74	
3	1800	182TC	208-230/460	PEXP1803C	NEXP	\$1,160	M5	89.5	17.1"	121	
5	3600	184TC	208-230/460	PEXP3605C	NEXP	\$1,407	M5	88.5	17.1"	128	
	1800	184TC	208-230/460	PEXP1805C	NEXP	\$1,370	M5	89.5	17.1"	143	
7.5	1800	213TC	208-230/460	PEXP1872C	NEXP	\$1,798	M5	91.7	20.3"	271	
10	3600	215TC	208-230/460	PEXP3610C	NEXP	\$1,669	M5	90.2	20.3"	282	
	1800	215TC	208-230/460	PEXP1810C	NEXP	\$1,943	M5	91.7	20.3"	273	
15	1800	254TC	208-230/460	PEXP1815C	NEXP	\$2,631	M5	92.4	26.2"	393	
20	1800	256TC	208-230/460	PEXP1820C	NEXP	\$2,905	M5	93.0	26.2"	425	
25	1800	284TC	208-230/460	PEXP1825C	NEXP	\$3,577	M5	93.6	29.6"	544	
30	1800	286TC	208-230/460	PEXP1830C	NEXP	\$3,919	M5	93.6	29.6"	571	
40	1800	324TC	208-230/460	PEXP1840C	NEXP	\$4,951	M5	94.1	33.3"	734	
50	1800	326TC	208-230/460	PEXP1850C	NEXP	\$5,917	M5	94.5	33.3"	766	
60	1800	364TC	208-230/460	PEXP1860C	NEXP	\$7,308	M5	95.0	35.5"	968	
75	1800	365TC	208-230/460	PEXP1875C	NEXP	\$8,761	M5	95.4	35.5"	1047	
100	1800	405TC	208-230/460	PEXP18100C	NEXP	\$11,672	M5	95.4	38.6"	1350	
125	1800	444TC	208-230/460	PEXP18125C	NEXP	\$15,328	M5	95.4	45.5"	1555	
150	1800	445TC	208-230/460	PEXP18150C	NEXP	\$23,535	M5	95.8	45.5"	1740	
200	1800	445TC	208-230/460	PEXP18200C	NEXP	\$26,769	M5	96.2	57.3"	1990	

Effective: April 15, 2011

Note: The items listed above are standard stock items. All other ratings can be ordered from the factory. In order to determine your price for a C-Face, Footed Explosion Proof (NEXP) Series motor add 7% to the current net price of the equivalent Standard Mount Explosion Proof (NEXP) Series motor. Although lead times may vary the average lead time from the date an order is received by us is approximately 60-90 days. C-Flange conversion kits are also available from our stock for all Explosion Proof (NEXP) Series motors.



North American Electric, Inc.

**COMPRESSOR
Duty**



COMPRESSOR DUTY SINGLE PHASE, ODP

APPLICATIONS:

General purpose / Compressor Duty designed for use on air compressors, pumps, fans, conveyors, blowers, refrigeration equipment, industrial equipment, milling machines, tools, farm equipment, aeration equipment and other general purpose applications where contaminants are minimal.

FEATURES:

- * High Efficiency Design
- * 1.15 Service Factor @ 60 hertz
- * Vacuum Pressure Impregnation for all windings
- * Sealed bearings
- * Class B insulation system, class B rise at full load
- * 40° C ambient continuous duty
- * Stainless steel nameplate and zinc plated hardware
- * Feet are dual drilled for mounting flexibility
- * High starting torques
- * NEMA Design B performance
- * Rolled Steel frame construction; Cast Iron endbells
- * IP22 Protection as standard
- * CSA + C + US Certification
- * Meets or exceeds NRCan efficiency requirements
- * ISO 9001 Certification

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT SYM	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
3	1800	182T	208-230	D182T3S4C	SODP	\$490	M9	72.5	15.8	74	
5	1800	184T	208-230	D184T5S4C	SODP	\$549	M9	82.5	15.8	90	



North American Electric, Inc.

Farm
Duty



FARM DUTY MOTORS SINGLE PHASE, GENERAL PURPOSE TOTALLY ENCLOSED FAN COOLED

APPLICATIONS:

General purpose use on pumps, fans, conveyors, poultry equipment, air compressors and other farm duty machinery requiring high starting torques.

FEATURES:

- * Totally Enclosed Fan Cooled
- * High Starting Torques
- * Manual Overload Protection (1/3HP thru 5HP)
- * Capacitor Start / Capacitor Run Design
- * Rolled Steel Frames
- * Double shielded bearings
- * Class F insulation system, class B rise at full load
- * Vacuum Pressure Impregnation for windings
- * Corrosion resistant epoxy paint
- * Stainless steel nameplate and zinc plated hardware
- * C-Flange field conversion kits available
- * Lifting provisions on 182T and above

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
1/3	1800	56C	115/208-230	F56C1/3S4C-MO	56FD	\$275	M1	65.0	12.6	23	1
1/2	1800	56C	115/208-230	F56C1/2S4C-MO	56FD	\$285	M1	72.0	12.6	25	1
3/4	1800	56C	115/208-230	F56C3/4S4C-MO	56FD	\$305	M1	73.5	12.6	29	1
1	1800	56C	115/208-230	F56C1S4C-MO	56FD	\$345	M1	74.0	12.6	38	1
	1800	143T	115/208-230	F143T1S4C-MO	NEFD	\$360	M10	74.0	14.4	36	
1.5	1800	56CH	115/208-230	F56CH1.5S4C-MO	56FD	\$404	M1	77.0	14.2	42	1
	1800	145T	115/208-230	F145T1.5S4C-MO	NEFD	\$410	M10	77.0	14.4	40	
2	1800	56CH	115/208-230	F56CH2S4C-MO	56FD	\$464	M1	76.5	14.2	47	1
	1800	145T	115/208-230	F145T2S4C-MO	NEFD	\$480	M10	79.0	14.4	47	
3	1800	182T	208-230/460	F182T3S4C-MO	NEFD	\$660	M10	82.5	18.5	92	
5	1800	184T	208-230/460	F184T5S4C-MO	NEFD	\$785	M10	81.0	18.5	110	
7.5	1800	213T	208-230/460	F213T7.5S4C	NEFD	\$1,140	M10	87.0	21.0	153	2
10	1800	215T	208-230/460	F215T10S4C	NEFD	\$1,375	M10	89.0	22.0	190	2

Note:

1.) Removable Feet

2.) Does not have manual overload protection

STAINLESS STEEL / WASHDOWN DUTY MOTORS
THREE PHASE, TEFC, 56C FRAME
RIGID BASE - C-FACE WITH FEET
1/3 HP - 20 HP



APPLICATIONS:

Specifically designed for food processing, pharmaceutical and other environments requiring extreme cleanliness and frequent washdowns. Applications includes washdown applications, food processing, chemical processing, pharmaceuticals, poultry processing, meat processing, dairy applications, bakeries, snack foods, bottling and extremely corrosive environments.

FEATURES:

- * High Efficiency Design
- * All Stainless Steel Construction
- * IP 67 Protections as standard
- * Inverter Duty (20:1 VT; 10:1 CT)
- * Vacuum Pressure Impregnation for all windings
- * Double sealed bearings in both ends
- * Class F insulation system, class B rise at full load
- * 1.15 Service Factor @ 60 hertz
- * NEMA Design B performance
- * High starting torques
- * 40° C ambient continuous duty
- * C-Flange as standard
- * Meets or exceeds NRCan efficiency requirements
- * ISO 9001 Certification
- * CSA + C + US Certification
- * UL Listed

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
1/3	1800	56C	208-230/460	SS56C1/3M-4	NESS	\$555	M18	82.5	11.6	28	
1/2	3600	56C	208-230/460	SS56C1/2M-2	NESS	\$565	M18	77.0	11.6	26	
	1800	56C	208-230/460	SS56C1/2M-4	NESS	\$575	M18	82.5	11.6	29	
	1200	56C	208-230/460	SS56C1/2M-6	NESS	\$600	M18	77.0	12.6	32	
3/4	3600	56C	208-230/460	SS56C3/4M-2	NESS	\$579	M18	80.0	12.6	28	
	1800	56C	208-230/460	SS56C3/4M-4	NESS	\$615	M18	82.5	12.6	31	
	1200	56C	208-230/460	SS56C3/4M-6	NESS	\$650	M18	80.0	12.6	35	
	1200	143TC	208-230/460	SS143TC3/4M-6	NESS	\$650	M18	80.0	12.7	41	
1	3600	56C	208-230/460	SS56C1M-2	NESS	\$609	M18	80.0	12.6	28	
	1800	56C	208-230/460	SS56C1M-4	NESS	\$625	M18	84.0	12.6	36	
	1800	143TC	208-230/460	SS143TC1M4	NESS	\$675	M18	84.0	13.9	39	
	1200	145TC	208-230/460	SS145TC1M6	NESS	\$725	M18	80.0	12.7	44	
1.5	3600	56C	208-230/460	SS56C1.5M-2	NESS	\$689	M18	84.0	12.6	28	
	3600	143TC	208-230/460	SS143TC-1.5-2	NESS	\$659	M18	84.0	12.7	31	
	1800	56C	208-230/460	SS56C1.5M-4	NESS	\$699	M18	84.0	12.6	39	
	1800	145TC	208-230/460	SS145TC1.5M4	NESS	\$675	M18	84.0	12.7	41	
	1200	182TC	208-230/460	SS182TC1.5M6	NESS	\$1,300	M18	85.5	15.3	89	
2	3600	56C	208-230/460	SS56C2M-2	NESS	\$735	M18	84.0	13.8	31	
	3600	145TC	208-230/460	SS145TC2M2	NESS	\$699	M18	84.0	13.9	35	
	1800	56C	208-230/460	SS56C2M-4	NESS	\$739	M18	84.0	13.8	48	
	1800	145TC	208-230/460	SS145TC2M4	NESS	\$765	M18	84.0	13.9	51	
	1200	184TC	208-230/460	SS184TC2M6	NESS	\$1,400	M18	86.5	16.0	92	
3	3600	182TC	208-230/460	SS182TC3M2	NESS	\$1,650	M18	85.5	15.3	90	
	1800	182TC	208-230/460	SS182TC3M4	NESS	\$1,600	M18	87.5	15.3	90	
	1200	213TC	208-230/460	SS213TC3M6	NESS	\$2,200	M18	87.5	19.0	109	
5	3600	184TC	208-230/460	SS184TC5M2	NESS	\$1,785	M18	87.5	16.0	92	
	1800	184TC	208-230/460	SS184TC5M4	NESS	\$1,850	M18	87.5	16.0	92	
	1200	215TC	208-230/460	SS215TC5M6	NESS	\$2,575	M18	87.5	22.5	112	
7.5	3600	213TC	208-230/460	SS213TC7.5M2	NESS	\$2,750	M18	88.5	19.0	110	
	1800	213TC	208-230/460	SS213TC7.5M4	NESS	\$2,700	M18	89.5	19.0	110	
	1200	254TC	208-230/460	SS254TC7.5M6	NESS	\$4,800	M18	89.5	23.4	205	
10	3600	215TC	208-230/460	SS215TC10M2	NESS	\$2,900	M18	89.5	22.5	110	
	1800	215TC	208-230/460	SS215TC10M4	NESS	\$2,950	M18	89.5	22.5	110	
	1200	256TC	208-230/460	SS256TC10M6	NESS	\$5,100	M18	89.5	25.1	213	
15	3600	254TC	208-230/460	SS254TC15M2	NESS	\$6,200	M18	90.2	23.4	209	
	1800	254TC	208-230/460	SS254TC15M4	NESS	\$6,200	M18	91.0	23.4	211	
20	3600	256TC	208-230/460	SS256TC20M2	NESS	\$6,800	M18	90.2	25.1	222	
	1800	256TC	208-230/460	SS256TC20M4	NESS	\$6,800	M18	91.0	25.1	219	

**STAINLESS STEEL MOTORS - FOOTLESS
THREE PHASE, TEFC, 56C FRAME
ROUND BODY - (FOOTLESS W/ C-FACE)
1/3 HP - 20 HP**



APPLICATIONS:

Specifically designed for food processing, pharmaceutical and other environments requiring extreme cleanliness and frequent washdowns. Applications includes washdown applications, food processing, chemical processing, pharmaceuticals, poultry processing, meat processing, dairy applications, bakeries, snack foods, bottling and extremely corrosive environments.

FEATURES:

- * High Efficiency Design
- * All Stainless Steel Construction
- * IP67 Protections as standard
- * Inverter Duty (20:1 VT; 10:1 CT)
- * Vacuum Pressure Impregnation for all windings
- * Double sealed bearings in both ends
- * Class F insulation system, class B rise at full load
- * 1.15 Service Factor @ 60 hertz
- * NEMA Design B performance
- * High starting torques
- * 40° C ambient continuous duty
- * C-Flange as standard
- * Meets or exceeds NRCan efficiency requirements
- * ISO 9001 Certification
- * CSA + C + US Certification
- * UL Listed

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
1/3	1800	56C	208-230/460	SS56C1/3M-4-RB	NESS	\$538	M18	82.5	11.6	28	
1/2	3600	56C	208-230/460	SS56C1/2M-2-RB	NESS	\$548	M18	77.0	11.6	26	
	1800	56C	208-230/460	SS56C1/2M-4-RB	NESS	\$558	M18	82.5	11.6	29	
	1200	56C	208-230/460	SS56C1/2M-6-RB	NESS	\$582	M18	77.0	12.6	32	
3/4	3600	56C	208-230/460	SS56C3/4M-2-RB	NESS	\$562	M18	80.0	12.6	28	
	1800	56C	208-230/460	SS56C3/4M-4-RB	NESS	\$597	M18	82.5	12.6	31	
	1200	56C	208-230/460	SS56C3/4M-6-RB	NESS	\$631	M18	80.0	12.6	35	
	1200	143TC	208-230/460	SS143TC3/4M-6-RB	NESS	\$631	M18	80.0	12.7	41	
1	3600	56C	208-230/460	SS56C1M-2-RB	NESS	\$591	M18	80.0	12.6	28	
	1800	56C	208-230/460	SS56C1M-4-RB	NESS	\$606	M18	84.0	12.6	36	
	1800	143TC	208-230/460	SS143TC1M-4-RB	NESS	\$655	M18	84.0	13.9	39	
	1200	145TC	208-230/460	SS145TC1M-6-RB	NESS	\$703	M18	80.0	12.7	44	
1.5	3600	56C	208-230/460	SS56C1.5M-2-RB	NESS	\$668	M18	84.0	12.6	28	
	3600	143TC	208-230/460	SS143TC1.5M-2-RB	NESS	\$639	M18	84.0	12.7	31	
	1800	56C	208-230/460	SS56C1.5M-4-RB	NESS	\$678	M18	84.0	12.6	39	
	1800	145TC	208-230/460	SS145TC1.5M-4-RB	NESS	\$655	M18	84.0	12.7	41	
	1200	182TC	208-230/460	SS182TC1.5M-6-RB	NESS	\$1,261	M18	85.5	15.3	89	
2	3600	56C	208-230/460	SS56C2M-2-RB	NESS	\$713	M18	84.0	13.8	31	
	3600	145TC	208-230/460	SS145TC2M-2-RB	NESS	\$678	M18	84.0	13.9	35	
	1800	56C	208-230/460	SS56C2M-4-RB	NESS	\$717	M18	84.0	13.8	48	
	1800	145TC	208-230/460	SS145TC2M-4-RB	NESS	\$742	M18	84.0	13.9	51	
	1200	184TC	208-230/460	SS184TC2M-6-RB	NESS	\$1,358	M18	86.5	16.0	92	
3	3600	182TC	208-230/460	SS182TC3M-2-RB	NESS	\$1,601	M18	85.5	15.3	90	
	1800	182TC	208-230/460	SS182TC3M-4-RB	NESS	\$1,552	M18	87.5	15.3	90	
	1200	213TC	208-230/460	SS213TC3M-6-RB	NESS	\$2,134	M18	87.5	19.0	109	
5	3600	184TC	208-230/460	SS184TC5M-2-RB	NESS	\$1,731	M18	87.5	16.0	92	
	1800	184TC	208-230/460	SS184TC5M-4-RB	NESS	\$1,795	M18	87.5	16.0	92	
	1200	215TC	208-230/460	SS215TC5M-6-RB	NESS	\$2,498	M18	87.5	22.5	112	
7.5	3600	213TC	208-230/460	SS213TC7.5M-2-RB	NESS	\$2,668	M18	88.5	19.0	110	
	1800	213TC	208-230/460	SS213TC7.5M-4-RB	NESS	\$2,619	M18	89.5	19.0	110	
	1200	254TC	208-230/460	SS254TC5M-6-RB	NESS	\$4,656	M18	89.5	23.4	205	
10	3600	215TC	208-230/460	SS215TC10M-6-RB	NESS	\$2,813	M18	89.5	22.5	110	
	1800	215TC	208-230/460	SS215TC10M-4-RB	NESS	\$2,862	M18	89.5	22.5	110	
	1200	256TC	208-230/460	SS256TC10M-6-RB	NESS	\$5,093	M18	89.5	25.1	213	
	3600	254TC	208-230/460	SS254TC15M-2-RB	NESS	\$6,014	M18	90.2	23.4	209	
15	1800	254TC	208-230/460	SS254TC15M-4-RB	NESS	\$6,014	M18	91.0	23.4	211	
	3600	256TC	208-230/460	SS256TC20M-2-RB	NESS	\$6,596	M18	90.2	25.1	222	
20	1800	256TC	208-230/460	SS256TC20M-4-RB	NESS	\$6,596	M18	91.0	25.1	219	

Effective: April 15, 2011



**OIL WELL PUMP MOTORS
THREE PHASE, TEFC HOSTILE DUTY
NEMA DESIGN D
HIGH TORQUE/HIGH SLIP (5 - 8%)**

APPLICATIONS:

Designed specifically for use on Oil Well Pumping Units.

FEATURES:

- * Meets or exceeds NEMA Design D performance standards
- * High Torque/High Slip (5 - 8%)
- * TEFC Enclosure
- * Vacuum Pressure Impregnation for windings 254T frame and above
- * Thermistors in the windings
- * Double shielded bearings thru 215T frame
- * Regreasable open bearings 254T frame and above
- * Mechanical "V" seal on both ends for 254T frame and above
- * Class F insulation system, class B rise at full load
- * Class H, spike resistant wire used for windings
- * 40° C ambient
- * Corrosion resistant epoxy paint
- * Stainless steel nameplate and zinc plated hardware
- * Cast iron frame construction including the conduit box
- * Lifting provisions on 213T frame and above
- * IP55 Protection - Terminal box is sealed for IP66 protection

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
3	1200	213T	230/460/796	OWP12-3	NEWT	\$801	M6	82.4	20.9"	170	
5	1200	215T	230/460/796	OWP12-5	NEWT	\$948	M6	80.8	20.9"	205	
7.5	1200	254T	230/460/796	OWP12-7.5	NEWT	\$1,187	M6	79.2	26.2"	342	
10	1200	256T	230/460/796	OWP12-10	NEWT	\$1,616	M6	81.5	26.2"	368	
15	1200	284T	230/460/796	OWP12-15	NEWT	\$2,031	M6	84.8	29.6"	487	
20	1200	286T	230/460/796	OWP12-20	NEWT	\$2,494	M6	84.6	29.6"	518	
25	1200	324T	230/460/796	OWP12-25	NEWT	\$2,916	M6	86.7	33.3"	589	
30	1200	326T	230/460/796	OWP12-30	NEWT	\$3,456	M6	86.7	33.3"	675	
40	1200	365T	230/460/796	OWP12-40	NEWT	\$4,673	M6	86.0	35.3"	884	
50	1200	404T	230/460/796	OWP12-50	NEWT	\$5,500	M6	87.4	40.0"	902	
60	1200	405T	230/460/796	OWP12-60	NEWT	\$5,571	M6	87.1	40.0"	1300	
75	1200	444T	460/796	OWP12-75	NEWT	\$8,058	M6	89.3	47.3"	1724	
100	1200	445T	460/796	OWP12-100	NEWT	\$9,985	M6	89.6	47.3"	1841	
125	1200	447T	460/796	OWP12-125	NEH	\$14,000	M6	86.7	55.8"	2367	
150	1200	449T	460/796	OWP12-150	NEH	\$17,800	M6	87.0	55.8"	2539	
200	1200	449T	460	OWP12-200	NEH	\$25,500	M6	87.2	55.8"	2748	1

Effective: April 15, 2011

Notes:

1.) 460V only.



CLOSE-COUPLED PUMP MOTORS

JM FRAMES

THREE PHASE, TOTALLY ENCLOSED FAN COOLED

HEAVY DUTY CAST IRON CONSTRUCTION

HIGH EFFICIENCY DESIGN - EISA COMPLIANT

APPLICATIONS:

Specifically designed for use on industrial and commercial pumping units.

FEATURES:

- * Meets or exceeds EPACT '92 and NRECA efficiency requirements
- * Suitable for wye-delta start on 213JM frame and above
- * Dual voltage ratings suitable for part wind start on lower voltage
- * 1.15 Service Factor @ 60 hertz; 1.0 Service Factor @ 50 hertz
- * Vacuum Pressure Impregnation for all windings
- * Sealed bearings thru 215JM frame
- * Regreasable open bearings 254JM frame and above
- * Class F insulation system, class B rise at full load
- * 40° C ambient continuous duty
- * Corrosion resistant paint
- * Stainless steel nameplate and zinc plated hardware
- * F1/F2 reversible
- * Feet are dual drilled on most frames for mounting flexibility
- * NEMA Design B performance 143JM through 326JM
- * Cast iron frame construction including the conduit box
- * Lifting provisions on 143JM frame and above
- * Condensation drains with plastic plugs
- * IP 55 Protection - Terminal box is sealed for IP 66 protection
- * CSA + C + US Certification
- * ISO 9001 Certification

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
1	1800	143JM	208-230/460	NA143JM-1-4	NEJM	\$355	M17	82.5	15.2	43	
1.5	3600	143JM	208-230/460	NA143JM-1.5-2	NEJM	\$386	M17	82.5	15.2	44	
	1800	145JM	208-230/460	NA145JM-1.5-4	NEJM	\$398	M17	84.0	16.2	51	
2	3600	145JM	208-230/460	NA145JM-2-2	NEJM	\$415	M17	84.0	16.2	51	
	1800	145JM	208-230/460	NA145JM-2-4	NEJM	\$414	M17	84.0	16.2	53	
3	3600	145JM	208-230/460	NA145JM-3-2	NEJM	\$502	M17	85.5	16.2	55	
	3600	182JM	208-230/460	NA182JM-3-2	NEJM	\$502	M17	85.5	17.5	84	
	1800	182JM	208-230/460	NA182JM-3-4	NEJM	\$528	M17	87.5	17.5	75	
5	3600	184JM	208-230/460	NA184JM-5-2	NEJM	\$640	M17	87.5	18.5	97	
	1800	184JM	208-230/460	NA184JM-5-4	NEJM	\$662	M17	87.5	18.5	93	
7.5	3600	184JM	208-230/460	NA184JM-7.5-2	NEJM	\$862	M17	88.5	18.5	106	
	3600	213JM	208-230/460	NA213JM-7.5-2	NEJM	\$862	M17	88.5	20.8	140	
	1800	213JM	208-230/460	NA213JM-7.5-4	NEJM	\$899	M17	89.5	20.8	139	
10	3600	215JM	208-230/460	NA215JM-10-2	NEJM	\$972	M17	89.5	22.3	161	
	1800	215JM	208-230/460	NA215JM-10-4	NEJM	\$1,011	M17	89.5	22.3	165	
15	3600	215JM	208-230/460	NA215JM-15-2	NEJM	\$1,499	M17	90.2	22.3	176	
	3600	254JM	208-230/460	NA254JM-15-2	NEJM	\$1,499	M17	90.2	24.7	252	
	1800	254JM	208-230/460	NA254JM-15-4	NEJM	\$1,565	M17	91.0	24.7	251	
20	3600	256JM	208-230/460	NA256JM-20-2	NEJM	\$1,684	M17	90.2	26.5	299	
	1800	256JM	208-230/460	NA256JM-20-4	NEJM	\$1,690	M17	91.0	26.5	293	
25	3600	256JM	208-230/460	NA256JM-25-2	NEJM	\$2,131	M17	91.0	26.5	310	
	3600	284JM	208-230/460	NA284JM-25-2	NEJM	\$2,131	M17	91.0	27.5	361	
	1800	284JM	208-230/460	NA284JM-25-4	NEJM	\$2,047	M17	92.4	27.5	365	
30	3600	286JM	208-230/460	NA286JM-30-2	NEJM	\$2,324	M17	91.0	29.1	396	
	1800	286JM	208-230/460	NA286JM-30-4	NEJM	\$2,310	M17	92.4	29.1	397	
40	3600	286JM	208-230/460	NA286JM-40-2	NEJM	\$2,968	M17	91.7	29.1	431	
	3600	324JM	208-230/460	NA324JM-40-2	NEJM	\$2,968	M17	91.7	30.0	493	
	1800	324JM	208-230/460	NA324JM-40-4	NEJM	\$3,012	M17	93.0	30.0	519	
50	3600	326JM	208-230/460	NA326JM-50-2	NEJM	\$3,710	M17	92.4	31.5	543	
	1800	326JM	208-230/460	NA326JM-50-4	NEJM	\$3,745	M17	93.0	31.5	570	



CLOSE-COUPLED PUMP MOTORS
JP FRAMES
THREE PHASE, TOTALLY ENCLOSED FAN COOLED
HEAVY DUTY CAST IRON CONSTRUCTION
HIGH EFFICIENCY DESIGN - EISA COMPLIANT

APPLICATIONS:

Specifically designed for use on industrial and commercial pumping units.

FEATURES:

- * Meets or exceeds EPACT '92 and NRCan efficiency requirements
- * Suitable for wye-delta start on 213JP frame and above
- * Dual voltage ratings suitable for part wind start on lower voltage
- * 1.15 Service Factor @ 60 hertz; 1.0 Service Factor @ 50 hertz
- * Vacuum Pressure Impregnation for all windings
- * Sealed bearings thru 215JP frame
- * Regreasable open bearings 254JP frame and above
- * Class F insulation system, class B rise at full load
- * 40° C ambient continuous duty
- * Corrosion resistant paint
- * Stainless steel nameplate and zinc plated hardware
- * F1/F2 reversible
- * Feet are dual drilled on most frames for mounting flexibility
- * NEMA Design B performance 143JP through 326JP
- * Cast iron frame construction including the conduit box
- * Lifting provisions on 143JP frame and above
- * Condensation drains with plastic plugs
- * IP55 Protection - Terminal box is sealed for IP66 protection
- * CSA + C + US Certification
- * ISO 9001 Certification

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
1	1800	143JP	208-230/460	NA143JP-1-4	NEJP	\$355	M17	82.5	18.3	43	
1.5	3600	143JP	208-230/460	NA143JP-1.5-2	NEJP	\$386	M17	82.5	18.3	44	
	1800	145JP	208-230/460	NA145JP-1.5-4	NEJP	\$398	M17	84.0	19.3	51	
2	3600	145JP	208-230/460	NA145JP-2-2	NEJP	\$415	M17	84.0	19.3	51	
	1800	145JP	208-230/460	NA145JP-2-4	NEJP	\$414	M17	84.0	19.3	53	
3	3600	145JP	208-230/460	NA145JP-3-2	NEJP	\$502	M17	85.5	19.3	55	
	3600	182JP	208-230/460	NA182JP-3-2	NEJP	\$502	M17	85.5	20.6	84	
	1800	182JP	208-230/460	NA182JP-3-4	NEJP	\$528	M17	87.5	20.6	75	
5	3600	184JP	208-230/460	NA184JP-5-2	NEJP	\$640	M17	87.5	21.6	97	
	1800	184JP	208-230/460	NA184JP-5-4	NEJP	\$662	M17	87.5	21.6	93	
7.5	3600	184JP	208-230/460	NA184JP-7.5-2	NEJP	\$862	M17	88.5	21.6	106	
	3600	213JP	208-230/460	NA213JP-7.5-2	NEJP	\$862	M17	88.5	24.7	140	
	1800	213JP	208-230/460	NA213JP-7.5-4	NEJP	\$899	M17	89.5	24.7	139	
10	3600	215JP	208-230/460	NA215JP-10-2	NEJP	\$972	M17	89.5	26.2	161	
	1800	215JP	208-230/460	NA215JP-10-4	NEJP	\$1,011	M17	89.5	26.2	165	
15	3600	215JP	208-230/460	NA215JP-15-2	NEJP	\$1,499	M17	90.2	26.2	176	
	3600	254JP	208-230/460	NA254JP-15-2	NEJP	\$1,499	M17	90.2	27.6	252	
	1800	254JP	208-230/460	NA254JP-15-4	NEJP	\$1,565	M17	91.0	27.6	251	
20	3600	256JP	208-230/460	NA256JP-20-2	NEJP	\$1,684	M17	90.2	29.4	299	
	1800	256JP	208-230/460	NA256JP-20-4	NEJP	\$1,690	M17	91.0	29.4	293	
25	3600	256JP	208-230/460	NA256JP-25-2	NEJP	\$2,131	M17	91.0	29.4	310	
	3600	284JP	208-230/460	NA284JP-25-2	NEJP	\$2,131	M17	91.0	30.4	361	
	1800	284JP	208-230/460	NA284JP-25-4	NEJP	\$2,047	M17	92.4	30.4	365	
30	3600	286JP	208-230/460	NA286JP-30-2	NEJP	\$2,324	M17	91.0	32.0	396	
	1800	286JP	208-230/460	NA286JP-30-4	NEJP	\$2,310	M17	92.4	32.0	397	
40	3600	286JP	208-230/460	NA286JP-40-2	NEJP	\$2,968	M17	91.7	32.0	431	
	3600	324JP	208-230/460	NA324JP-40-2	NEJP	\$2,968	M17	91.7	32.9	493	
	1800	324JP	208-230/460	NA324JP-40-4	NEJP	\$3,012	M17	93.0	32.9	519	
50	3600	326JP	208-230/460	NA326JP-50-2	NEJP	\$3,710	M17	92.4	34.4	543	
	1800	326JP	208-230/460	NA326JP-50-4	NEJP	\$3,745	M17	93.0	34.4	570	



North American Electric, Inc.



Coupling
included
in price

**VERTICAL HOLLOW SHAFT MOTORS
HIGH THRUST DESIGN
CAST IRON CONSTRUCTION
OPEN DRIPPROOF (WP-1) ENCLOSURE**

APPLICATIONS:

Designed primarily for deep well turbine pump applications. The coupling is equipped with a non-reverse ratchet, which prevents motor rotation from backspin at shutdown. These motors are built to NEMA standards and have special bearing arrangements to carry heavy thrust loads.

FEATURES:

- * Meets or exceeds NEMA performance standards
- * Three Phase, 60 Hz
- * Enclosure: WP1 - Open weather-protected machine Type 1 to NEMA MG 1-1993 (WP-1).
- * Inverter Rated (10:1 variable torque)
- * Cast Iron Construction
- * Hi-Thrust Design
- * Precision Balancing
- * 40° C ambient temperature
- * Class F insulation system, class B rise at full load
- * Class H impregnation resin
- * Class B Temperature Rise @ 1.15 Service Factor
- * Oversized angular contact bearing and ball bearing
- * Large reservoir
- * High Torque
- * Vacuum Pressure Impregnation (VPI Treatment) for all windings
- * Non-reverse coupling (ball bearing type) included
- * Suitable for Part Wind Start at 230V
- * Suitable for Part Wind Start at 460V
- * Thermal Protected as standard
- * Space Heaters as standard
- * Lifting provisions on 213T frame and above

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FL EFF %	"CD" DIM.	"BD" DIM.	Down Thrust	WT. (LBS.)	NOTES
10	1800	215TP	230/460	NAE-VHS-10-4	VHS	\$2,875	M15	85.7	17.56"	10.0"	2500	275	1
15	1800	254TP	230/460	NAE-VHS-15-4	VHS	\$3,606	M15	86.5	23.38"	10.0"	3200	548	1
	1800	254TP	230/460	NAE-VHS-15-4-1.188CP	VHS	\$3,606	M15	86.5	23.38"	10.0"	3200	548	1
20	1800	256TP	230/460	NAE-VHS-20-4	VHS	\$4,108	M15	87.5	23.38"	10.0"	3200	568	1
	1800	256TP	230/460	NAE-VHS-20-4-1.188CP	VHS	\$4,108	M15	87.5	23.38"	10.0"	3200	568	1
25	1800	284TP	230/460	NAE-VHS-25-4	VHS	\$4,582	M15	88.0	24.75"	10.0"	3200	573	1
	1800	284TP	230/460	NAE-VHS-25-4-1.188CP	VHS	\$4,582	M15	88.0	24.75"	10.0"	3200	573	1
30	1800	286TP	230/460	NAE-VHS-30-4	VHS	\$5,150	M15	88.5	24.75"	10.0"	3200	584	1
	1800	286TP	230/460	NAE-VHS-30-4-1.188CP	VHS	\$5,150	M15	88.5	24.75"	10.0"	3200	584	1
40	1800	324TP	230/460	NAE-VHS-40-4	VHS	\$5,986	M15	91.2	28.22"	16.5"	5500	749	1
	1800	324TP	230/460	NAE-VHS-40-4-1.188CP	VHS	\$5,986	M15	91.2	28.22"	16.5"	5500	749	1
50	1800	326TP	230/460	NAE-VHS-50-4	VHS	\$7,103	M15	91.3	28.22"	16.5"	5500	793	1
	1800	326TP	230/460	NAE-VHS-50-4-1.188CP	VHS	\$7,103	M15	91.3	28.22"	16.5"	5500	793	1
60	1800	364TP	230/460	NAE-VHS-60-4	VHS	\$8,202	M15	92.3	31.16"	16.5"	5600	1031	1
	1800	364TP	230/460	NAE-VHS-60-4-1.188CP	VHS	\$8,202	M15	92.3	31.16"	16.5"	5600	1031	1
	1800	364TP	460	NAE-VHS-60-4-PWS	VHS	\$8,202	M15	92.3	31.16"	16.5"	5600	1031	2
75	1800	365TP	230/460	NAE-VHS-75-4	VHS	\$9,986	M15	92.3	31.16"	16.5"	5600	1075	1
	1800	365TP	230/460	NAE-VHS-75-4-1.188CP	VHS	\$9,986	M15	92.3	31.16"	16.5"	5600	1075	1
	1800	365TP	460	NAE-VHS-75-4-PWS	VHS	\$9,986	M15	92.3	31.16"	16.5"	5600	1075	2
100	1800	404TP	230/460	NAE-VHS-100-4	VHS	\$12,615	M15	92.3	36.94"	16.5"	6700	1399	1
	1800	404TP	230/460	NAE-VHS-100-4-1.188CP	VHS	\$12,615	M15	92.3	36.94"	16.5"	6700	1399	1
	1800	404TP	460	NAE-VHS-100-4-PWS	VHS	\$12,615	M15	92.3	36.94"	16.5"	6700	1399	2
	1800	404TP	460	NAE-VHS-100-4-EHT	VHS	\$13,150	M15	92.3	36.94"	16.5"	10720	1399	2,4
125	1800	405TP	460	NAE-VHS-125-4-PWS	VHS	\$15,239	M15	93.2	36.94"	16.5"	6700	1465	2
	1800	405TP	460	NAE-VHS-125-4-EHT	VHS	\$15,887	M15	93.2	36.94"	16.5"	10720	1465	2,4
150	1800	444TP	460	NAE-VHS-150-4-PWS	VHS	\$18,333	M15	93.3	42.66"	16.5"	8000	2004	2
	1800	444TP	460	NAE-VHS-150-4-EHT	VHS	\$19,131	M15	93.3	42.66"	16.5"	12800	2004	2,4
200	1800	445TP	460	NAE-VHS-200-4-PWS	VHS	\$24,911	M15	93.8	42.66"	16.5"	8000	2115	2
	1800	445TP	460	NAE-VHS-200-4-EHT	VHS	\$25,991	M15	93.8	42.66"	16.5"	12800	2115	2,4
250	1800	445TP	460	NAE-VHS-250-4-PWS	VHS	\$26,500	M15	93.8	42.66"	16.5"	8000	2225	2
	1800	445TP	460	NAE-VHS-250-4-EHT	VHS	\$29,944	M15	93.8	42.66"	16.5"	12800	2225	2,4
300	1800	5006P	460	NAE-VHS-300-4-EHT	VHS	\$35,326	M20	94.8	49.75"	24.5"	24000	2250	2,3,4
350	1800	5006P	460	NAE-VHS-350-4-EHT	VHS	\$40,796	M20	95.0	49.75"	24.5"	24000	2500	2,3,4
400	1800	5008P	460	NAE-VHS-400-4-EHT	VHS	\$46,261	M20	95.3	53.88"	24.5"	24000	2600	2,3,4
450	1800	5008P	460	NAE-VHS-450-4-EHT	VHS	\$50,500	M20	95.4	53.88"	24.5"	24000	2700	2,3,4
500	1800	5008P	460	NAE-VHS-500-4-EHT	VHS	\$56,378	M20	95.5	53.88"	24.5"	24000	2800	2,3,4

Effective: April 15, 2011

Notes:

- 1.) Suitable for Part Wind Start on 230V.
- 2.) Suitable for Part Wind Start at 460V.
- 3.) Rolled Steel Frame.
- 4.) Extra High Thrust, Double Stacked Bearing Design.



ISO 9001



North American Electric, Inc.

Multiplier Symbol M11

VERTICAL HOLLOW SHAFT MOTOR COUPLINGS

HP	Frame	Model Number	Standard	Option	Nominal BX	SQ Key (EW)	List Price
10	215TP	VC210-.750		x	0.750	0.188	\$110
10	215TP	VC210-1.00	x		1.000	0.250	
10	215TP	VC210-.875		x	0.875	0.188	
10	215TP	VC210-BLANK		x	0.000	0.000	
15-20	254TP-256TP	VC250-1.00	x		1.000	0.250	\$115
15-20	254TP-256TP	VC250-.875		x	0.875	0.188	
15-20	254TP-256TP	VC250-.750		x	0.750	0.188	
15-20	254TP-256TP	VC250-1.188		x	1.188	0.250	
15-20	254TP-256TP	VC250-1.25A		x	1.250	0.250	
15-20	254TP-256TP	VC250-1.25B		x	1.250	0.375	
15-20	254TP-256TP	VC250-BLANK		x	0.000	0.000	
25-30	284TP-286TP	VC280-1.00	x		1.000	0.250	\$115
25-30	284TP-286TP	VC280-1.188		x	1.188	0.250	
25-30	284TP-286TP	VC280-1.25A		x	1.250	0.250	
25-30	284TP-286TP	VC280-1.25B		x	1.250	0.375	
25-30	284TP-286TP	VC280-.750		x	0.750	0.188	
25-30	284TP-286TP	VC280-.875		x	0.875	0.188	
25-30	284TP-286TP	VC280-BLANK		x	0.000	0.000	
40-50	324TP-326TP	VC320-1.00		x	1.000	0.250	\$124
40-50	324TP-326TP	VC320-1.188		x	1.188	0.250	
40-50	324TP-326TP	VC320-1.25A	x		1.250	0.250	
40-50	324TP-326TP	VC320-1.25B		x	1.250	0.375	
40-50	324TP-326TP	VC320-1.438		x	1.438	0.375	
40-50	324TP-326TP	VC320-1.500		x	1.500	0.375	
40-50	324TP-326TP	VC320-BLANK		x	0.000	0.000	
60-75	364TP-365TP	VC360-1.00		x	1.000	0.250	\$144
60-75	364TP-365TP	VC360-1.188		x	1.188	0.250	
60-75	364TP-365TP	VC360-1.25A	x		1.250	0.250	
60-75	364TP-365TP	VC360-1.25B		x	1.250	0.375	
60-75	364TP-365TP	VC360-1.438		x	1.438	0.375	
60-75	364TP-365TP	VC360-1.500		x	1.500	0.375	
60-75	364TP-365TP	VC360-BLANK		x	0.000	0.000	
100-125	404TP-405TP	VC400-1.188		x	1.188	0.250	\$165
100-125	404TP-405TP	VC400-1.25A		x	1.250	0.250	
100-125	404TP-405TP	VC400-1.25B		x	1.250	0.375	
100-125	404TP-405TP	VC400-1.438		x	1.438	0.375	
100-125	404TP-405TP	VC400-1.50	x		1.500	0.375	
100-125	404TP-405TP	VC400-1.563		x	1.563	0.375	
100-125	404TP-405TP	VC400-1.688		x	1.688	0.375	
100-125	404TP-405TP	VC400-1.813		x	1.813	0.375	
100-125	404TP-405TP	VC400-BLANK		x	0.000	0.000	
150-200	444TP-445TP	VC440-1.438		x	1.438	0.375	\$275
150-200	444TP-445TP	VC440-1.500		x	1.500	0.375	
150-200	444TP-445TP	VC440-1.688	x		1.688	0.375	
150-200	444TP-445TP	VC440-1.750		x	1.750	0.375	
150-200	444TP-445TP	VC440-1.938		x	1.938	0.500	
150-200	444TP-445TP	VC440-2.188		x	2.188	0.500	
150-200	444TP-445TP	VC440-BLANK		x	0.000	0.000	
250	444TP-445TP	VC440-1.438		x	1.438	0.375	\$275
250	444TP-445TP	VC440-1.500		x	1.500	0.375	
250	444TP-445TP	VC440-1.688		x	1.688	0.375	
250	444TP-445TP	VC440-1.750		x	1.750	0.375	
250	444TP-445TP	VC440-1.938	x		1.938	0.500	
250	444TP-445TP	VC440-2.188		x	2.188	0.500	
250	444TP-445TP	VC440-BLANK		x	0.000	0.000	

VERTICAL HOLLOW SHAFT MOTOR ACCESSORIES



Multiplier Symbol M11



NON REVERSE RATCHET ASSEMBLY PRICE

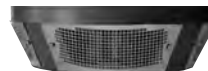
HP	Frame	Model Number	List Price	Weight (Lbs.)
10	215TP	NRR-215TP	\$433.00	13.0
15	254TP	NRR-250TP	\$771.00	32.0
20	256TP	NRR-250TP	\$771.00	32.0
25	284TP	NRR-280TP	\$771.00	32.0
30	286TP	NRR-280TP	\$771.00	32.0
40	324TP	NRR-320TP	\$888.00	43.2
50	326TP	NRR-320TP	\$888.00	43.2
60	364TP	NRR-360TP	\$888.00	43.2
75	365TP	NRR-360TP	\$888.00	43.2
100	404TP	NRR-400TP	\$1,162.00	70.1
125	405TP	NRR-400TP	\$1,162.00	70.1
150	444TP	NRR-445TP	\$1,848.00	99.7
200	445TP	NRR-445TP	\$1,848.00	99.7
250	445TP	NRR-445TP	\$1,848.00	99.7
300	5006P	NRR-5006P	\$3,512.00	169.5
350	5006P	NRR-5006P	\$3,512.00	169.5
400	5008P	NRR-5008P	\$3,512.00	169.5
450	5008P	NRR-5008P	\$3,512.00	169.5
500	5008P	NRR-5008P	\$3,512.00	169.5

SIGHT GLASS LIST PRICE

HP	Frame	Model Number	List Price	Weight (Lbs.)
40	324TP	SG-320TP	\$35.00	0.15
50	326TP	SG-320TP	\$35.00	0.15
60	364TP	SG-360TP	\$35.00	0.15
75	365TP	SG-360TP	\$35.00	0.15
100	404TP	SG-400TP	\$65.00	0.33
125	405TP	SG-400TP	\$65.00	0.33
150	444TP	SG-445TP	\$65.00	0.33
200	445TP	SG-445TP	\$65.00	0.33
250	445TP	SG-445TP	\$65.00	0.33
300	5006P	SG-5006P	\$65.00	0.33
350	5006P	SG-5006P	\$65.00	0.33
400	5008P	SG-5008P	\$65.00	0.33
450	5008P	SG-5008P	\$65.00	0.33
500	5008P	SG-5008P	\$65.00	0.33



Multiplier Symbol M11



TOP COVER LIST PRICE

HP	Frame	Model Number	List Price	Weight (Lbs.)
10	215TP	TC-215TP	\$88.00	2.43
15	254TP	TC-250TP	\$120.00	2.54
20	256TP	TC-250TP	\$120.00	2.54
25	284TP	TC-280TP	\$120.00	2.54
30	286TP	TC-280TP	\$120.00	2.54
40	324TP	TC-320TP	\$160.00	2.87
50	326TP	TC-320TP	\$160.00	2.87
60	364TP	TC-360TP	\$168.00	3.97
75	365TP	TC-360TP	\$168.00	3.97
100	404TP	TC-400TP	\$195.00	5.18
125	405TP	TC-400TP	\$195.00	5.18
150	444TP	TC-445TP	\$225.00	7.28
200	445TP	TC-445TP	\$225.00	7.28
250	445TP	TC-445TP	\$225.00	7.28
300	5006P	TC-5006P	\$365.00	10.56
350	5006P	TC-5006P	\$365.00	10.56
400	5008P	TC-5008P	\$365.00	10.56
450	5008P	TC-5008P	\$365.00	10.56
500	5008P	TC-5008P	\$365.00	10.56

ALTERNATIVE BASES LIST PRICE

HP	Frame	Model Number	Base SIZE	List Price	Weight (Lbs.)
10	215TP	AB-215TP-10	10"	\$476.00	32.4
15	254TP	AB-250TP-12	12"	\$570.00	51.2
		AB-250TP-16.5	16.5"	\$570.00	51.2
20	256TP	AB-250TP-12	12"	\$570.00	51.2
		AB-250TP-16.5	16.5"	\$570.00	51.2
25	284TP	AB-280TP-12	12"	\$570.00	51.2
		AB-280TP-16.5	16.5"	\$570.00	51.2
30	286TP	AB-280TP-12	12"	\$570.00	51.2
		AB-280TP-16.5	16.5"	\$570.00	51.2
40	324TP	AB-320TP-12	12"	\$818.00	79.2
		AB-320TP-16.5	16.5"	\$818.00	79.2
50	326TP	AB-320TP-12	12"	\$818.00	79.2
		AB-320TP-16.5	16.5"	\$818.00	79.2
60	364TP	AB-360TP-12	12"	\$1,003.00	105.8
		AB-360TP-16.5	16.5"	\$1,003.00	105.8
75	365TP	AB-360TP-12	12"	\$1,003.00	105.8
		AB-360TP-16.5	16.5"	\$1,003.00	105.8
100	404TP	AB-400TP-16.5	16.5"	\$1,162.00	110.3
		AB-400TP-20	20"	\$1,162.00	110.3
125	405TP	AB-400TP-16.5	16.5"	\$1,162.00	110.3
		AB-400TP-20	20"	\$1,162.00	110.3
150	444TP	AB-445TP-16.5	16.5"	\$1,532.00	177.7
		AB-445TP-20	20"	\$1,532.00	177.7
200	445TP	AB-445TP-16.5	16.5"	\$1,532.00	177.7
		AB-445TP-20	20"	\$1,532.00	177.7
250	445TP	AB-445TP-16.5	16.5"	\$1,532.00	177.7
		AB-445TP-20	20"	\$1,532.00	177.7



**ROTARY PHASE CONVERTER MOTORS
THREE PHASE, TOTALLY ENCLOSED FAN COOLED
HEAVY DUTY CAST IRON CONSTRUCTION
HIGH EFFICIENCY DESIGN**

APPLICATIONS:

Specifically designed without shafts for use with rotary phase converters to run three phase equipment from single phase power.

FEATURES:

- * Meets or exceeds EPACT '92 and NRCAN efficiency requirements
- * Suitable for wye-delta start on 213T frame and above
- * Dual voltage ratings suitable for part wind start on lower voltage
- * 1.15 Service Factor @ 60 hertz; 1.0 Service Factor @ 50 hertz
- * Vacuum Pressure Impregnation for all windings
- * Spike Resistant Inverter Duty Wire
- * Sealed bearings thru 215T frame
- * Regreasable open bearings 254T frame and above
- * Class F insulation system, class B rise at full load
- * 40° C ambient continuous duty
- * Corrosion resistant paint
- * Stainless steel nameplate and zinc plated hardware
- * F1/F2 reversible
- * Feet are dual drilled on most frames
- * NEMA Design B performance
- * Cast iron frame construction including the conduit box
- * Lifting provisions on 143T frame and above
- * Condensation drains with plastic plugs
- * IP55 Protection - Terminal box is sealed for IP66
- * CSA + C + US Certification
- * ISO 9001 Certification

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	FRAME TYPE	LIST PRICE	MULT. SYM.	FULL EFF %	"C" DIM.	WT. (LBS.)	NOTES
3	1800	182T	208-230/460	PC182T-3-4	NEWT	\$471	M19	85.5	12.6	90	
5	1800	184T	208-230/460	PC184T-5-4	NEWT	\$508	M19	85.5	13.3	106	
7.5	1800	213T	208-230/460	PC213T-7.5-4	NEWT	\$700	M19	87.5	15.7	157	
10	1800	215T	208-230/460	PC215T-10-4	NEWT	\$808	M19	87.5	19.2	183	
15	1800	254T	208-230/460	PC254T-15-4	NEWT	\$1,199	M19	89.5	19.4	289	
20	1800	256T	208-230/460	PC256T-20-4	NEWT	\$1,362	M19	89.5	21.1	341	
25	1800	284T	208-230/460	PC284T-25-4	NEWT	\$1,893	M19	91.0	23.4	432	
30	1800	286T	208-230/460	PC286T-30-4	NEWT	\$2,061	M19	91.0	24.9	474	
40	1800	324T	208-230/460	PC324T-40-4	NEWT	\$2,688	M19	91.7	25.6	590	
50	1800	326T	208-230/460	PC326T-50-4	NEWT	\$3,437	M19	91.7	26.6	683	
60	1800	364T	208-230/460	PC364T-60-4	NEWT	\$4,540	M19	92.4	27.4	841	

Effective: April 15, 2011



Benshaw, Inc.

Prepackaged Pump Control Starters

FDPP SERIES - FUSIBLE DISCONNECT / NEMA 3R

ELECTRONIC OVERLOAD PROTECTION

NEMA RATED

240V									
MODEL NUMBER	DISC (AMP)	NEMA SIZE	HP	OL	DIMENSIONS (INCHES)			WGT (LBS)	LIST PRICE
	FRAME				H	W	D		
FDBB323R*	30	0	3	4.4-22A	16	12	8	48	\$720.00
FDPP523R*	30	1	5	4.4-22A	20	16	8	63	\$720.00
FDPP723R*	30	2	7.5	8-40A	20	16	8	63	\$940.00
FDPP1023R*	30	2	10	8-40A	20	16	8	63	\$940.00
FDPP1523R*	60	2	15	8-40A	20	16	8	63	\$940.00
FDPP3023R*	100	3	30	8-40A	20	16	8	125	\$1,332.00
FDPP5023R**	200	4	50	16-80A	36	16	8	125	\$2,307.00

480V									
MODEL NUMBER	DISC (AMP)	NEMA SIZE	HP	OL	DIMENSIONS (INCHES)			WGT (LBS)	LIST PRICE
	FRAME				H	W	D		
FDPP543R*	30	0	5	4.4-22A	16	12	8	48	\$720.00
FDPP1043R*	30	1	10	4.4-22A	20	16	8	63	\$720.00
FDPP1543R*	30	2	15	8-40A	20	16	8	63	\$940.00
FDPP2043R*	60	2	20	8-40A	20	16	8	63	\$940.00
FDPP2543R*	60	2	25	16-80A	20	16	8	63	\$940.00
FDPP5043R**	100	3	50	16-80A	20	16	8	125	\$1,332.00
FDBB10043R**	200	4	100	1-5 W/CTA	36	16	8	TBD	\$1,997.00
FDBB20043R**	400	5	200	1-5 W/CTA	48	24	12	TBD	\$5,328.00
FDBB40043R**	600	6	400	1-5 W/CTA	70	30	18	TBD	\$8,756.00
FDPP60043R**	800	7	600	1-5 W/CTA	70	30	18	TBD	\$11,418.00

* Fuses not supplied (Fuse Clip Class J)

** Fuse Clip for Class J or L

Benshaw, Inc.

Prepackaged Pump Control Starters

CBPP SERIES - COMBINATION CIRCUIT BREAKER / NEMA 3R

ELECTRONIC OVERLOAD PROTECTION

NEMA RATED



240V									
MODEL NUMBER	CB TRIP	NEMA SIZE	HP	OL	DIMENSIONS (INCHES)			WGT (LBS)	LIST PRICE
	AMPS				H	W	D		
CPBB323R*	30	0	3	4.4-22	16	12	8	48	\$720.00
CBPP523R*	40	1	5	4.4-22	20	16	8	63	\$720.00
CBPP723R*	50	2	7.5	8-40	20	16	8	63	\$940.00
CBPP1023R*	60	2	10	8-40	20	16	8	63	\$940.00
CBPP1523R*	70	2	15	8-40	20	16	8	63	\$940.00
CBPP3023R*	125	3	30	16-80	20	16	8	125	\$1,332.00
CBPP5023R*	250	4	50	1-5	36	16	8	125	\$2,191.00

480V									
MODEL NUMBER	CB TRIP	NEMA SIZE	HP	OL	DIMENSIONS (INCHES)			WGT (LBS)	LIST PRICE
	AMPS				H	W	D		
CBPP543R	30	0	5	4.4-22	16	12	8	48	\$720.00
CBPP1043R	40	1	10	4.4-22	20	16	8	63	\$720.00
CBPP1543R	50	2	15	8-40	20	16	8	63	\$940.00
CBPP2043R	60	2	20	8-40	20	16	8	63	\$940.00
CBPP2543R	70	2	25	16-80	20	16	8	63	\$940.00
CBPP5043R	125	3	50	16-80	20	16	8	125	\$1,332.00
CPBB10043R	250	4	100	1-5 W/CT	36	16	8	125	\$1,997.00
CPBB20043R	400	5	200	1-5 W/CT	48	24	12	TBD	\$5,328.00
CPBB40043R*	800	6	400	1-5 W/CT	70	30	18	TBD	\$8,318.00
CPBB50043R*	1000	7	500	1-5 W/CT	70	30	18	TBD	\$10,847.00
CBPP60043R*	1000	7	600	1-5 W/CT	70	30	18	TBD	\$10,847.00

*Built to order: Please allow two weeks for shipment.



Benshaw, Inc.

SOFT STARTS - NEMA 4/12 ENCLOSURE

SOLID STATE STARTERS W/ ATL BYPASS

SEVERE CRUSHER DUTY / PACKAGED WITH CIRCUIT BREAKER

EMERGENCY ACROSS-THE-LINE BYPASS

HP	Benshaw	ENCLOSURE	LIST PRICE	AMPS	HP	CB	DIMENSIONS			WT. (LBS)
460 V	Model Number				480V	TRIP	H	W	D	
50	RX2E-050-480-12KP	NEMA 4/12	\$ 3,610.00	65	50	100	48	24	13	240
60	RX2E-075-480-12KP	NEMA 4/12	\$ 4,913.00	96	60	225	48	24	13	245
75	RX2E-075-480-12KP	NEMA 4/12	\$ 4,913.00	96	75	225	48	24	13	245
100	RX2E-100-480-12KP	NEMA 4/12	\$ 5,923.00	124	100	225	48	24	17	255
125	RX2E-125-480-12KP	NEMA 4/12	\$ 6,503.00	156	125	225	48	36	17	355
150	RX2E-150-480-12KP	NEMA 4/12	\$ 6,626.00	180	150	300	48	36	17	360
200	RX2E-200-480-12KP	NEMA 4/12	\$ 8,698.00	240	200	400	48	36	17	370
250	RX2E-250-480-12KP	NEMA 4/12	\$ 9,563.00	302	250	400	70	30	18	565
300	RX2E-300-480-12KP	NEMA 4/12	\$ 9,881.00	361	300	600	70	30	18	570
400	RX2E-400-480-12KP	NEMA 4/12	\$ 14,107.00	477	400	800	87	37	20	850
500	RX2E-500-480-12KP	NEMA 4/12	\$ 21,713.00	590	500	1200	87	37	20	875
600	RX2E-600-480-12KP	NEMA 4/12	\$ 22,219.00	720	600	1200	87	37	20	905

Note:

These are stocked items available for immediate shipment.

All prices include freight.

SOFT STARTS - NEMA 3R ENCLOSURE

SOLID STATE STARTERS W/ ATL BYPASS

SEVERE CRUSHER DUTY / PACKAGED WITH CIRCUIT BREAKER

EMERGENCY ACROSS-THE-LINE BYPASS

HP	Benshaw	ENCLOSURE	LIST PRICE	AMPS	HP	CB	DIMENSIONS			WT. (LBS)
460 V	Model Number				480V	TRIP	H	W	D	
50	RX2E-050-480-3RKP	NEMA 3R	\$ 4,787.00	65	50	100	48	24	13	240
60	RX2E-075-480-3RKP	NEMA 3R	\$ 6,090.00	96	60	225	48	24	13	245
75	RX2E-075-480-3RKP	NEMA 3R	\$ 6,090.00	96	75	225	48	24	13	245
100	RX2E-100-480-3RKP	NEMA 3R	\$ 7,100.00	124	100	225	48	24	17	255
125	RX2E-125-480-3RKP	NEMA 3R	\$ 7,680.00	156	125	225	48	36	17	355
150	RX2E-150-480-3RKP	NEMA 3R	\$ 7,803.00	180	150	300	48	36	17	360
200	RX2E-200-480-3RKP	NEMA 3R	\$ 9,875.00	240	200	400	48	36	17	370
250	RX2E-250-480-3RKP	NEMA 3R	\$ 10,740.00	302	250	400	70	30	18	565
300	RX2E-300-480-3RKP	NEMA 3R	\$ 11,058.00	361	300	600	70	30	18	570
400	RX2E-400-480-3RKP	NEMA 3R	\$ 15,284.00	477	400	800	87	37	20	850
500	RX2E-500-480-3RKP	NEMA 3R	\$ 22,890.00	590	500	1200	87	37	20	875
600	RX2E-600-480-3RKP	NEMA 3R	\$ 23,396.00	720	600	1200	87	37	20	905

Note:

These are build to order items available for shipment in two weeks.

All prices include freight.

C-FLANGE KITS - NEWT AND NEPE TYPE

Application:

Kit designed for simple field conversion of standard motor to accommodate C-Flange mount.

DESIGNED TO FIT THE FOLLOWING FRAME TYPES: NEWT OR NEPE

FRAME	CATALOG NUMBER	LIST PRICE	MULT. SYM	WT. (LBS.)
143/5	3140-NEWT	\$34	M11	10
182/4	3180-NEWT	\$65	M11	12
213/5	3210-NEWT	\$69	M11	15
213/5	3210-NEPE	\$69	M11	15
254/6	3250-NEWT	\$139	M11	30
254/6	3250-NEPE	\$139	M11	30
284/6	3280-NEWT	\$174	M11	45
324/6	3320-NEWT	\$209	M11	50
364/5	3360-NEWT	\$384	M11	60
364/5	3360-NEPE	\$384	M11	60
404/5	3400-NEWT	\$422	M11	75
404/5	3400-NEPE	\$422	M11	75
404/5-2P	3400-NEWT-2P	\$422	M11	75
404/5-2P	3400-NEPE-2P	\$422	M11	75
444/5/7/9	3440-NEWT	\$523	M11	90
444/5/7/9	3440-NEPE	\$523	M11	90
444/5/7/9-2P	3440-NEWT-2P	\$523	M11	90
444/5/7/9-2P	3440-NEPE-2P	\$523	M11	90

*NOTE: Please confirm the frame type of the motor in order to choose the correct flange.
Please contact our customer service department if you have any questions.*

D-FLANGE KITS - NEWT AND NEPE TYPE

Application:

Kit designed for simple field conversion of standard motor to accommodate D-Flange mount.

DESIGNED TO FIT THE FOLLOWING FRAME TYPES: NEWT OR NEPE

FRAME	CATALOG NUMBER	LIST PRICE	MULT. SYM	WT. (LBS.)
143/5	4140-NEWT	\$34	M11	10
182/4	4180-NEWT	\$65	M11	12
213/5	4210-NEWT	\$69	M11	15
213/5	4210-NEPE	\$69	M11	15
254/6	4250-NEWT	\$139	M11	30
254/6	4250-NEPE	\$139	M11	30
284/6	4280-NEWT	\$174	M11	45
324/6	4320-NEWT	\$209	M11	50
364/5	4360-NEWT	\$384	M11	60
364/5	4360-NEPE	\$384	M11	60
404/5	4400-NEWT	\$422	M11	75
404/5	4400-NEPE	\$422	M11	75
404/5-2P	4400-NEWT-2P	\$422	M11	75
404/5-2P	4400-NEPE-2P	\$422	M11	75
444/5/7/9	4440-NEWT	\$523	M11	90
444/5/7/9	4440-NEPE	\$523	M11	90
444/5/7/9-2P	4440-NEWT-2P	\$523	M11	90
444/5/7/9-2P	4440-NEPE-2P	\$523	M11	90

*NOTE: Please confirm the frame type of the motor in order to choose the correct flange.
Please contact our customer service department if you have any questions.*

C-FLANGE KITS - RSTE TYPE

Application:

Kit designed for simple field conversion of standard motor to accommodate C-Flange mount.

DESIGNED TO FIT THE FOLLOWING FRAME TYPES: RSTE

FRAME	CATALOG NUMBER	LIST PRICE	MULT. SYM	WT. (LBS.)
140T	3140-RSTE	\$34	M11	10
180T	3180-RSTE	\$65	M11	12
210T	3210-RSTE	\$69	M11	15

C-FLANGE KITS - RSFD TYPE

Application:

Kit designed for simple field conversion of standard motor to accommodate C-Flange mount.

DESIGNED TO FIT THE FOLLOWING FRAME TYPES: RSFD

FRAME	CATALOG NUMBER	LIST PRICE	MULT. SYM	WT. (LBS.)
140T	4140-FD	\$34	M11	10
180T	4180-FD	\$65	M11	12
210T	4210-FD	\$69	M11	15

C-FLANGE KITS - SODP TYPE

Application:

Kit designed for simple field conversion of standard motor to accommodate C-Flange mount.

DESIGNED TO FIT THE FOLLOWING FRAME TYPES: SODP

FRAME	CATALOG NUMBER	LIST PRICE	MULT. SYM	WT. (LBS.)
140T	4140-SODP	\$34	M11	10
180T	4180-SODP	\$65	M11	12
210T	4210-SODP	\$69	M11	15

EXPLOSION PROOF C-FACE KITS - NEXP TYPE

Application:

Kit designed for simple conversion of standard explosion proof motor to accommodate c-flange mount. This conversion must be done by a UL Certified shop.

FRAME STYLES: NEXP

FRAME	CATALOG NUMBER	LIST PRICE	MULT. SYM.	WT. (LBS.)
140T	3140XP	\$82	M11	10
180T	3180XP	\$100	M11	12
210T	3210XP	\$132	M11	15
250T	3250XP	\$159	M11	30
280T	3280XP	\$186	M11	45
320T	3320XP	\$267	M11	50
360T	3360XP	\$383	M11	60
400T	3400XP	\$422	M11	75
400TS	3400SXP	\$422	M11	75
444/5T	3445XP	\$523	M11	90

SEVERE DUTY CONVERSION KITS - NEWT

Application:

Cast iron fan cover for severe environments where a motor with all cast iron construction is required.

FRAME STYLES: NEWT

FRAME	CATALOG NUMBER	LIST PRICE	MULT. SYM.	WT. (LBS.)
140T	1140-NEWT*	\$58	M11	TBD
180T	1180-NEWT*	\$65	M11	TBD
210T	1210-NEWT	\$104	M11	TBD
250T	1250-NEWT	\$162	M11	TBD
280T	1280-NEWT*	\$209	M11	TBD
320T	1320-NEWT*	\$228	M11	TBD
360T	1360-NEWT	\$321	M11	TBD
400T	1400-NEWT	\$643	M11	TBD
440T	1440-NEWT**	\$689	M11	TBD

* Fits NEPE frame type as well.

** Fits 400 NEPE frame type.

SEVERE DUTY CONVERSION KITS - NEHE, NEXP AND NEH

Application:

Cast iron fan cover for severe environments where a motor with all cast iron construction is required.

FRAME STYLES: NEHE, NEXP AND NEH

FRAME	CATALOG NUMBER	LIST PRICE	MULT. SYM.	WT. (LBS.)
140T	1140	\$58	M11	TBD
180T	1180	\$65	M11	TBD
210T	1210	\$104	M11	TBD
250T	1250	\$162	M11	TBD
280T	1280	\$209	M11	TBD
320T	1320	\$228	M11	TBD
360T	1360	\$321	M11	TBD
400T	1400	\$643	M11	TBD
440T	1440	\$689	M11	TBD

MOTOR SLIDE BASES



FEATURES:

- * Bases are provided with washers
- * Primed with Oven-Baked Primer for easy painting
- * All "D" bolts (or Motor mounting bolts) are welded into position to prevent spinning and dropping from the slots
- * All "D" bolts are fixed to the exact foot pattern of the motor to aid in easier motor installation
- * 56 to 145 frames are single-adjusting screw style
- * 182 to 505 frames are double-adjusting screw style

Model Number	Weight (Lbs.)	Multiplier Symbol	List Price
NA56	3	M11	\$18
NA143	6	M11	\$35
NA145	7	M11	\$35
NA182	10	M11	\$48
NA184	10	M11	\$48
NA213	15	M11	\$71
NA215	17	M11	\$71
NA254	19	M11	\$97
NA256	20	M11	\$97
NA284	24	M11	\$109
NA286	25	M11	\$109
NA324	35	M11	\$159
NA326	36	M11	\$159
NA364	49	M11	\$221
NA365	50	M11	\$221
NA404	66	M11	\$271
NA405	68	M11	\$271
NA444	74	M11	\$307
NA445	76	M11	\$307
NA447	102	M11	\$406
NA449	105	M11	\$406
NA505	137	M11	\$630

NOTES

[illegible]

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