

North American Electric, Inc.

"Your Source for a Complete Line of Electric Motors and Controls"

General Purpose Motors

INVERTER DUTY
(1-600 Horse Power)



NEMA
Premium[®]

Premium Crusher Design Motors

INVERTER RATED
(1-600 Horse Power)



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.

YOUR SOURCE FOR A COMPLETE LINE OF ELECTRIC MOTORS AND CONTROLS !!!

	<p><u>SINGLE PHASE, 56C FRAME, TEFC</u> 1/3-2 HP 2,4 POLE HIGH STARTING TORQUES MANUAL OVERLOAD PROTECTION (OPTIONAL) CAPACITOR START / CAPACITOR RUN DESIGN ROLLED STEEL FRAME CONSTRUCTION IP55 PROTECTION-REMOVABLE FEET</p>		<p><u>NEMA PREMIUM EFFICIENCY INVERTER DUTY MOTORS</u> MEETS OR EXCEEDS NEMA PREMIUM EFFICIENCY LEVELS QUALIFIES FOR ENERGY EFFICIENCY REBATES</p>
	<p><u>SINGLE PHASE, FARM DUTY, TEFC</u> 1/3-10 HP 4 POLE HIGH STARTING TORQUES MANUAL OVERLOAD PROTECTION (1/3 THRU 5 HP) CAPACITOR START / CAPACITOR RUN DESIGN ROLLED STEEL FRAMES CAST IRON ENDBELLS</p>		<p><u>PREMIUM CRUSHER DESIGN MOTORS</u> 1-600 HP 4,6,8 POLE NEMA DESIGN C HIGH STRENGTH 4140 GRADE STAINLESS STEEL SHAFT 586/7U FRAME HEAVY DUTY CAST IRON CONSTRUCTION (INCLUDING FAN COVER) BEARING SIZES: DE=NU324 ODE=6324</p>
	<p><u>SINGLE PHASE OPEN DRIPPROOF</u> 3,5 HP 4 POLE HIGH STARTING TORQUES CAPACITOR START / CAPACITOR RUN DESIGN ROLLED STEEL FRAME CONSTRUCTION CAST IRON ENDBELLS</p>		<p><u>PREMIUM EFFICIENCY EXPLOSION PROOF MOTORS</u> 1-300 HP 2,4,6 POLE ALL MOTORS MEET OR EXCEED UL 674 SPECIFICATION AS REQUIRED BY OSHA FOR INSTALLATION AND USE IN HAZARDOUS LOCATIONS. CLASS I, DIVISION I, GROUPS C&D AND CLASS II, DIVISION I, GROUPS E,F AND G UL CERTIFIED - FILE E228654 CSA + "C" + "US" - CANADIAN STANDARD ISO9001</p>
	<p><u>THREE PHASE, 56C FRAME, TEFC</u> 1/3-3 HP 2,4 POLE HIGH EFFICIENCY DESIGN GENERAL PURPOSE MOTORS ROLLED STEEL FRAME CONSTRUCTION, ALUMINUM ENDBELLS IP55 PROTECTION REMOVABLE FEET</p>		<p><u>OIL WELL PUMP MOTORS, TEFC</u> 3-150 HP 6 POLE NEMA DESIGN D HIGH SLIP(5% TO 8% SLIP) SPECIAL PURPOSE OIL WELL PUMP MOTORS HEAVY DUTY CAST IRON FRAME CONSTRUCTION</p>
	<p><u>THREE PHASE, TEFC ROLLED STEEL MOTORS</u> PREMIUM EFFICIENCY DESIGN-GENERAL PURPOSE, LIGHT WEIGHT ROLLED STEEL FRAME</p>		<p><u>PREMIUM EFFICIENCY ALUMINUM MOTORS</u> 1-10 HP 2,4 POLE HIGH EFFICIENCY DESIGN GENERAL PURPOSE, THREE PHASE, TEFC MOTORS LIGHT WEIGHT ALUMINUM FRAME</p>
	<p><u>THREE PHASE OPEN DRIPPROOF</u> 1-15 HP 2,4 POLE PREMIUM EFFICIENCY DESIGN GENERAL PURPOSE MOTORS ROLLED STEEL FRAME CONSTRUCTION, CAST IRON ENDBELLS</p>		<p><u>VERTICAL HOLLOW SHAFT PUMP MOTORS</u> 10 HP - 250 HP, 4 POLE HIGH TORQUE - HIGH THRUST</p>
	<p><u>STAINLESS STEEL WASHDOWN DUTY MOTORS</u> 1/3 HP - 20HP 2,4,6 POLE IP 67 PROTECTION INVERTER DUTY</p>		<p><u>ELECTRIC MOTOR CONTROL</u> FULL VOLTAGE STARTERS SOFT STARTS INVERTERS PUMP PACKAGES</p>
			<p><u>MOTOR SLIDE BASES</u> AVAILABLE 56C THRU 505U</p>

PREMIUM EFFICIENT/INVERTER DUTY MOTORS

"Buy on Value Not on Price"



- **1-600 Horse Power**
- **3600, 1800, 1200 RPM**
- **Inverter Duty**
- **Approved by Department of Energy**



"Inverter Packages Available"

Totally Enclosed Fan Cooled Protection —Meets the IP55 Specification

Class F Insulation System with Class H VPI Epoxy Resin Protection

AC Inverter Duty —20:1 Variable and 10:1 Constant Torque

4140 Grade Steel Shaft on all Roller Bearing Applications with Radius Cut Shoulder

Useable on 575V at 1.1 Service Factor

FC 200 Grade Cast Iron Frame with Solid Cast Iron Full Length Double Punched Feet

High Grade Silica Electrical Steel Core and Rotor with Extremely Low Core Losses

Heavy Gauge Steel Fan Covers, Cast Iron Fan Covers Available

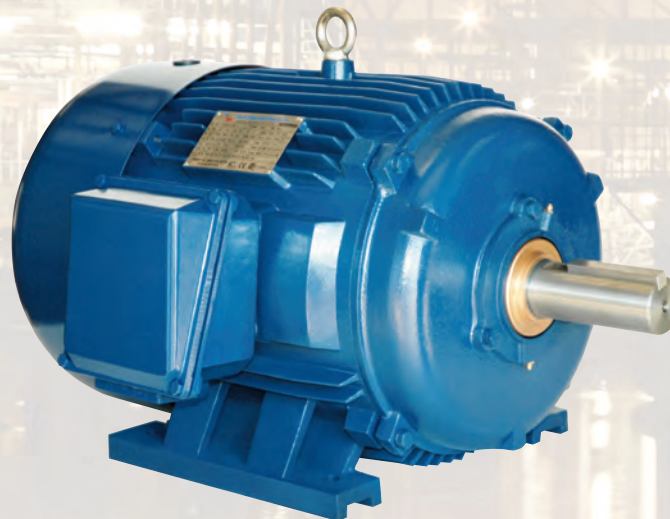
NEMA Design B with Design C Characteristics

Cast Iron Conduit Box —Wiring Diagram on the Inside Cover

Oversized Bearings used on both Drive End and Opposite Drive End—at 440 Frames and Larger Roller Bearings are Standard—Ball Bearings Available

Greaseable Bearings on 250 Frames and Larger—All Greaseable Bearings have Grease Relief Ports

Mechanical "V" Seal For Maximum Protection against Severe Environments Flanged Motors come Standard with Slings



APPLICATIONS:

General Purpose Use on Pumps, Fans, Blowers, Compressors, Conveyors, Material Handling and Other Industrial Machinery Installed in Damp, Dusty or Dirty Environments.

PREMIUM EFFICIENT/INVERTER DUTY LIST PRICES



HP	RPM	FRAME	VOLTS	CATALOG NUMBER	LIST PRICE
1	1800	143T	208-230/460	PE143T-1-4	\$364
	1200	145T	208-230/460	PE145T-1-6	\$485
1.5	3600	143T	208-230/460	PE143T-1.5-2	\$415
	1800	145T	208-230/460	PE145T-1.5-4	\$445
	1200	182T	208-230/460	PE182T-1.5-6	\$521
2	3600	145T	208-230/460	PE145T-2-2	\$446
	1800	145T	208-230/460	PE145T-2-4	\$462
	1200	184T	208-230/460	PE184T-2-6	\$613
3	3600	182T	208-230/460	PE182T-3-2	\$549
	1800	182T	208-230/460	PE182T-3-4	\$542
	1200	213T	208-230/460	PE213T-3-6	\$828
5	3600	184T	208-230/460	PE184T-5-2	\$680
	1800	184T	208-230/460	PE184T-5-4	\$638
	1200	215T	208-230/460	PE215T-5-6	\$1,088
7.5	3600	213T	208-230/460	PE213T-7.5-2	\$946
	1800	213T	208-230/460	PE213T-7.5-4	\$922
	1200	254T	208-230/460	PE254T-7.5-6	\$1,497
10	3600	215T	208-230/460	PE215T-10-2	\$1,066
	1800	215T	208-230/460	PE215T-10-4	\$1,108
	1200	256T	208-230/460	PE256T-10-6	\$1,897
	3600	254T	208-230/460	PE254T-15-2	\$1,566
15	1800	254T	208-230/460	PE254T-15-4	\$1,553
	1200	284T	208-230/460	PE284T-15-6	\$2,541
	3600	256T	208-230/460	PE256T-20-2	\$1,915
20	1800	256T	208-230/460	PE256T-20-4	\$1,847
	1200	286T	208-230/460	PE286T-20-6	\$3,020
	3600	284TS	208-230/460	PE284TS-25-2	\$2,456
25	1800	284T	208-230/460	PE284T-25-4	\$2,275
	1200	324T	208-230/460	PE324T-25-6	\$3,427
	3600	286TS	208-230/460	PE286TS-30-2	\$2,638
30	1800	286T	208-230/460	PE286T-30-4	\$2,652
	1200	326T	208-230/460	PE326T-30-6	\$4,112

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	LIST PRICE
40	3600	324TS	208-230/460	PE324TS-40-2	\$3,377
	1800	324T	208-230/460	PE324T-40-4	\$3,550
	1200	364T	208-230/460	PE364T-40-6	\$5,094
50	3600	326TS	208-230/460	PE326TS-50-2	\$4,273
	1800	326T	208-230/460	PE326T-50-4	\$4,261
	1200	365T	208-230/460	PE365T-50-6	\$6,386
60	3600	364TS	208-230/460	PE364TS-60-2	\$5,990
	1800	364T	208-230/460	PE364T-60-4	\$5,724
	1200	404T	208-230/460	PE404T-60-6	\$7,035
75	3600	365TS	208-230/460	PE365TS-75-2	\$7,081
	1800	365T	208-230/460	PE365T-75-4	\$6,506
	1200	405T	208-230/460	PE405T-75-6	\$7,836
100	3600	405TS	208-230/460	PE405TS-100-2	\$8,505
	1800	405T	208-230/460	PE405T-100-4	\$7,513
	1200	444T	208-230/460	PE444T-100-6	\$11,338
125	3600	444TS	460	PE444TS-125-2	\$10,895
	1800	444T	460	PE444T-125-4	\$11,407
	1800	444T	460	PE444T-125-4-BB	\$11,407
	1200	445T	460	PE445T-125-6	\$13,951
150	3600	445TS	460	PE445TS-150-2	\$13,055
	1800	445T	460	PE445T-150-4	\$12,102
	1800	445T	460	PE445T-150-4-BB	\$12,102
	1200	447T	460	PE447T-150-6	\$16,717
200	3600	447TS	460	PE447TS-200-2	\$16,992
	1800	447T	460	PE447T-200-4	\$15,540
	1800	447T	460	PE447T-200-4-BB	\$15,540
	1200	449T	460	PE449T-200-6	\$19,738
250	3600	449TS	460	PE449TS-250-2	\$19,750
	1800	449T	460	PE449T-250-4	\$18,750
	1800	449T	460	PE449T-250-4-BB	\$18,750
300	3600	449TS	460	PE449TS-300-2	\$25,000
	1800	449T	460	PE449T-300-4	\$23,750
	1800	449T	460	PE449T-300-4-BB	\$23,750

PREMIUM EFFICIENT/INVERTER DUTY WITH C-FACE LIST PRICES



HP	RPM	FRAME	VOLTS	CATALOG NUMBER	LIST PRICE
1	1800	143TC	208-230/460	PE143TC-1-4	\$382
	1200	145TC	208-230/460	PE145TC-1-6	\$509
1.5	3600	143TC	208-230/460	PE143TC-1.5-2	\$436
	1800	145TC	208-230/460	PE145TC-1.5-4	\$467
	1200	182TC	208-230/460	PE182TC-1.5-6	\$547
2	3600	145TC	208-230/460	PE145TC-2-2	\$468
	1800	145TC	208-230/460	PE145TC-2-4	\$485
	1200	184TC	208-230/460	PE184TC-2-6	\$644
3	3600	182TC	208-230/460	PE182TC-3-2	\$576
	1800	182TC	208-230/460	PE182TC-3-4	\$569
	1200	213TC	208-230/460	PE213TC-3-6	\$869
5	3600	184TC	208-230/460	PE184TC-5-2	\$714
	1800	184TC	208-230/460	PE184TC-5-4	\$670
	1200	215TC	208-230/460	PE215TC-5-6	\$1,142
7.5	3600	213TC	208-230/460	PE213TC-7.5-2	\$993
	1800	213TC	208-230/460	PE213TC-7.5-4	\$968
	1200	254TC	208-230/460	PE254TC-7.5-6	\$1,572
10	3600	215TC	208-230/460	PE215TC-10-2	\$1,119
	1800	215TC	208-230/460	PE215TC-10-4	\$1,163
	1200	256TC	208-230/460	PE256TC-10-6	\$1,992

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	LIST PRICE
15	3600	254TC	208-230/460	PE254TC-15-2	\$1,644
	1800	254TC	208-230/460	PE254TC-15-2	\$1,631
20	3600	256TC	208-230/460	PE256TC-20-2	\$2,011
	1800	256TC	208-230/460	PE256TC-20-4	\$1,939
25	1800	284TC	208-230/460	PE284TC-25-4	\$2,389
30	1800	286TC	208-230/460	PE286TC-30-4	\$2,785
40	1800	324TC	208-230/460	PE324TC-40-4	\$3,728
50	1800	326TC	208-230/460	PE326TC-50-4	\$4,474
60	1800	364TC	208-230/460	PE364TC-60-4	\$6,010
75	1800	365TC	208-230/460	PE365TC-75-4	\$6,831
100	1800	405TC	208-230/460	PE405TC-100-4	\$7,889
125	1800	444TC	460	PE444TC-125-4	\$11,977
150	1800	445TC	460	PE445TC-150-4	\$12,707
200	1800	447TC	460	PE447TC-200-4	\$16,317
250	1800	449TC	460	PE449TC-250-4	\$19,688
300	1800	449TC	460	PE449TC-300-4	\$24,938

NEMA Premium Efficient Motor Performance Data

HP	Full load RPM	Frame	Service Factor	DE Bearing	ODE Bearing	Idle Amps	Full load At 460V	FLT Ft-Lb	LRT %	BDT %	Full Load % Efficiency	Full Load % Power Factor	Weight
1	1740	143T	1.15	6205ZZ	6205ZZ	0.80	1.50	3.02	300	310	85.5	76.0	47
1	1140	145T	1.15	6205ZZ	6205ZZ	1.24	1.70	4.61	260	330	82.5	69.0	52
1.5	3500	143T	1.15	6205ZZ	6205ZZ	0.94	2.00	2.25	260	320	84.0	85.0	46
1.5	1740	145T	1.15	6205ZZ	6205ZZ	1.22	2.22	4.53	320	330	86.5	76.0	55
1.5	1165	182T	1.15	6306ZZ	6306ZZ	1.49	2.30	6.76	240	340	87.5	71.0	95
2	3500	145T	1.15	6205ZZ	6205ZZ	1.20	2.42	3.00	260	280	85.5	90.0	52
2	1740	145T	1.15	6205ZZ	6205ZZ	1.51	2.80	6.04	320	330	86.5	80.0	56
2	1165	184T	1.15	6306ZZ	6306ZZ	1.85	2.90	9.02	230	300	88.5	74.0	103
3	3510	182T	1.15	6306ZZ	6306ZZ	1.40	3.70	4.49	200	330	86.5	89.0	90
3	1745	182T	1.15	6306ZZ	6306ZZ	2.15	4.00	9.03	250	320	89.5	82.0	97
3	1170	213T	1.15	6208ZZ	6208ZZ	2.63	4.42	13.47	200	300	89.5	75.0	136
5	3515	184T	1.15	6306ZZ	6306ZZ	1.75	5.80	7.47	180	320	88.5	92.0	110
5	1745	184T	1.15	6306ZZ	6306ZZ	3.17	6.30	15.05	240	290	89.5	85.0	112
5	1170	215T	1.15	6308ZZ	6308ZZ	3.77	6.70	22.44	200	250	89.5	79.0	162
7.5	3525	213T	1.15	6308ZZ	6308ZZ	2.37	8.80	11.17	180	300	89.5	91.0	145
7.5	1750	213T	1.15	6308ZZ	6308ZZ	3.49	9.00	22.51	195	260	91.7	85.0	150
7.5	1175	254T	1.15	6309	6309	5.20	9.80	33.52	200	240	91.0	79.0	272
10	3525	215T	1.15	6308ZZ	6308ZZ	2.80	11.20	14.90	180	290	90.2	93.0	167
10	1750	215T	1.15	6308ZZ	6308ZZ	4.53	12.00	30.01	190	250	91.7	86.0	167
10	1170	256T	1.15	6309	6306	6.83	13.20	44.89	200	230	91.0	79.0	293
15	3515	254T	1.15	6309	6309	4.35	17.20	22.41	180	290	91.0	91.0	286
15	1750	254T	1.15	6309	6309	7.75	18.00	45.02	185	230	92.4	86.0	297
15	1175	284T	1.15	6310	6310	7.80	18.50	67.05	200	255	91.7	84.0	363
20	3530	256T	1.15	6309	6309	5.17	22.50	29.76	170	250	91.0	89.0	315
20	1750	256T	1.15	6309	6309	9.20	24.00	60.02	200	220	93.0	85.0	315
20	1175	286T	1.15	6310	6310	8.35	24.50	89.40	200	250	91.7	85.0	394
25	3530	284TS	1.15	6310	6310	6.60	28.00	37.20	180	270	91.7	92.0	385
25	1760	284T	1.15	6310	6310	10.50	28.50	74.60	180	260	93.6	90.0	392
25	1175	324T	1.15	6312	6312	11.50	29.50	111.74	200	250	93.0	86.0	508



ISO 9001

**EISA
Compliant**



NEMA Premium Efficient Motor Performance Data

HP	Full load RPM	Frame	Service Factor	DE Bearing	ODE Bearing	Idle Amps	Full load At 460V	FLT Ft-Lb	LRT %	BDT %	Full Load % Efficiency	Full Load % Power Factor	Weight
30	3530	286TS	1.15	6310	6310	7.70	33.70	44.63	180	280	91.7	90.0	409
30	1760	286T	1.15	6311	6311	12.00	34.00	89.52	185	280	93.6	90.0	418
30	1180	326T	1.15	6312	6312	14.76	36.50	133.53	200	235	93.0	85.0	537
40	3540	324TS	1.15	6312	6312	11.80	44.50	59.34	180	280	92.4	92.0	510
40	1760	324T	1.15	6312	6312	11.50	45.00	119.36	180	260	94.1	89.0	519
40	1180	364T	1.15	6313	6313	14.30	46.50	178.03	200	235	94.1	86.0	697
50	3545	326TS	1.15	6312	6312	13.51	55.00	74.08	175	260	93.0	92.0	548
50	1765	326T	1.15	6312	6312	13.70	56.00	148.78	175	250	94.5	90.0	594
50	1180	365T	1.15	6313	6313	20.41	58.00	222.54	200	220	94.1	87.0	752
60	3560	364TS	1.15	6313	6313	12.50	66.00	88.52	180	275	93.6	92.0	704
60	1780	364T	1.15	6313	6313	19.00	67.00	177.03	195	280	95.0	90.0	766
60	1180	404T	1.15	6313	6317	21.70	68.00	268.00	190	210	94.5	88.0	970
75	3560	365TS	1.15	6313	6313	16.50	82.50	110.65	200	275	93.6	92.0	766
75	1780	365T	1.15	6313	6313	20.50	83.00	221.29	195	260	95.4	90.0	783
75	1180	405T	1.15	6318	6317	30.20	85.00	335.00	190	210	94.5	88.0	1120
100	3560	405TS	1.15	6314	6314	26.60	109.00	147.53	180	280	94.1	92.0	1040
100	1780	405T	1.15	6315	6314	30.20	110.00	295.06	185	220	95.4	90.0	1058
100	1185	444T	1.15	NU318	6317	40.10	113.00	443.00	190	210	95.0	88.0	1320
125	3565	444TS	1.15	6314	6314	29.14	135.00	184.15	190	250	95.0	92.0	1247
125	1780	444T	1.15	NU318	6317	38.32	137.00	368.82	180	250	95.4	91.0	1342
125	1185	445T	1.15	NU318	6317	48.20	140.00	554.00	190	210	95.0	89.0	1400
150	3570	445TS	1.15	6314	6314	38.00	162.00	220.67	195	245	95.0	92.0	1408
150	1780	445T	1.15	NU318	6317	46.20	164.00	442.58	190	250	95.8	91.0	1672
150-BB	1780	445T	1.15	6318	6317	46.20	164.00	442.58	190	250	95.8	91.0	1672
150	1185	447T	1.15	NU319	6318	58.30	165.00	665.00	185	215	95.8	89.0	1800
200	3570	447TS	1.15	6314	6314	49.00	213.00	294.23	185	210	95.4	93.0	1584
200	1780	447T	1.15	NU319	6318	57.94	216.00	590.11	195	240	96.2	91.0	1782
200-BB	1780	447T	1.15	6319	6318	57.94	216.00	590.11	195	240	96.2	91.0	1782
200	1185	449T	1.15	NU319	6318	62.30	220.00	885.00	190	210	95.8	89.0	2100
250	3580	449TS	1.15	6314	6314	59.62	266.00	366.76	180	210	95.8	93.0	1870
250	1785	449T	1.15	NU319	6318	74.74	270.00	735.57	190	220	96.2	91.0	1980
250-BB	1785	449T	1.15	6319	6318	74.74	270.00	735.57	190	220	96.2	91.0	1980
300	3570	449TS	1.15	6314	6314	71.57	320.00	441.34	180	210	95.8	93.0	2002
300	1785	449T	1.15	NU319	6318	85.97	325.00	882.69	195	240	96.2	91.0	2112
300-BB	1785	449T	1.15	6319	6318	85.97	325.00	882.69	195	240	96.2	91.0	2112



ISO 9001

**EISA
Compliant**



PREMIUM CRUSHER DESIGN MOTORS



"Buy on Value Not on Price"

- **1-600 Horse Power**
- **1800, 1200, 900 RPM**
- **Inverter Rated**
- **Approved by Department of Energy**



*"Crusher Duty
Soft Starts Available"*

Labyrinth Seal Both Drive End and Opposite Drive End as Standard on 586/7 Frames, Mechanical "V" Seal 143T thru 449T Frames
Flanged Motors come Standard with Slingers 143T thru 449T

Class F Insulation System with Class H VPI Epoxy Resin Protection

Inverter Rated 10:1 Variable and 5:1 Constant Torque, (12 Lead) Capable of WYE-DELTA/PART Wind Start

TEFC, IP55 Protection as Standard, Suitable for Shaft Up and Shaft Down Applications

Useable on 575V at 1.1 Service Factor

FC 200 Grade Cast Iron Frame with Solid Cast Iron Full Length Double Punched Feet

High Grade Silica Electrical Steel Core and Rotor with Extremely Low Core Losses

Cast Iron Fan Covers Standard for 586/7 Frames and an Option for all Motors

Extra High Starting Torques and High Breakdown Torque, NEMA Design C Performance and Higher from 1HP to 500 HP

4140 Grade Steel Shaft on 440T and 586/7 U and UZ Frames with Radius Cut Shoulder

Winding Space Heaters and Winding Thermistors Standard on ALL 586/7 Frames

Oversized Conduit Box —586/7 Frame T Box Positioned to Increase Air Flow Resulting in Higher Efficiencies and Cooler Operating Temperatures

Heavy Duty Terminal Block for Motor Leads, Heaters and Thermistors Standard on All 586/7 Frames



APPLICATIONS:

Primary, Secondary and Tertiary Crusher with Single or Double Shaft. Jaw Crushers, Roller Crushers, Vertical Shaft Impact Crushers, Gyratory Crushers, Cage Mills, Cone Crushers, Horizontal Shaft Impact Crushers, Hammermills, Grizzly Feeders. Also Recommended for Crusher Feeder and Rock Conveyors.

EISA COMPLIANT / PREMIUM CRUSHER DESIGN MOTORS

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	LIST PRICE
1	1800	143T	208-230/460	PE143T-1-4C	\$282
	1200	145T	208-230/460	PE145T-1-6C	\$392
	900	182T	208-230/460	PE182T-1-8C	\$510
1.5	3600	143T	208-230/460	PE143T-1.5-2-EC	\$382
	1800	145T	208-230/460	PE145T-1.5-4C	\$348
	1200	182T	208-230/460	PE182T-1.5-6C	\$408
	900	184T	208-230/460	PE184T-1.5-8C	\$635
2	3600	145T	208-230/460	PE145T-2-2-EC	\$416
	1800	145T	208-230/460	PE145T-2-4C	\$369
	1200	184T	208-230/460	PE184T-2-6C	\$540
	900	213T	208-230/460	PE213T-2-8C	\$900
3	3600	182T	208-230/460	PE182T-3-2-EC	\$529
	1800	182T	208-230/460	PE182T-3-4C	\$471
	1200	213T	208-230/460	PE213T-3-6C	\$807
	900	215T	208-230/460	PE215T-3-8C	\$1,258
5	3600	184T	208-230/460	PE184T-5-2-EC	\$665
	1800	184T	208-230/460	PE184T-5-4C	\$527
	1200	215T	208-230/460	PE215T-5-6C	\$931
	900	254T	208-230/460	PE254T-5-8C	\$1,508
7.5	3600	184T	208-230/460	PE184T-7.5-2-EC	\$900
	3600	213T	208-230/460	PE213T-7.5-2-EC	\$1,000
	1800	213T	208-230/460	PE213T-7.5-4C	\$729
	1200	254T	208-230/460	PE254T-7.5-6C	\$1,193
10	3600	256T	208-230/460	PE256T-7.5-8C	\$1,660
	3600	215T	208-230/460	PE215T-10-2-EC	\$1,043
	1800	215T	208-230/460	PE215T-10-4C	\$878
	1200	256T	208-230/460	PE256T-10-6C	\$1,622
15	3600	284T	208-230/460	PE284T-10-8C	\$2,401
	3600	254T	208-230/460	PE254T-15-2-EC	\$1,640
	1800	254T	208-230/460	PE254T-15-4C	\$1,216
	1200	284T	208-230/460	PE284T-15-6C	\$2,037
20	3600	286T	208-230/460	PE286T-15-8C	\$3,107
	3600	256T	208-230/460	PE256T-20-2-EC	\$1,860
	1800	256T	208-230/460	PE256T-20-4C	\$1,452
	1200	286T	208-230/460	PE286T-20-6C	\$2,541
25	3600	324T	208-230/460	PE324T-20-8C	\$3,642
	3600	284TS	208-230/460	PE284TS-25-2-EC	\$2,560
	1800	284T	208-230/460	PE284T-25-4C	\$1,983
	1200	324T	208-230/460	PE324T-25-6C	\$2,890
30	3600	326T	208-230/460	PE326T-25-8C	\$4,091
	3600	286TS	208-230/460	PE286TS-30-2-EC	\$2,433
	1800	286T	208-230/460	PE286T-30-4C	\$2,140
	1200	326T	208-230/460	PE326T-30-6C	\$3,393
40	3600	364T	208-230/460	PE364T-30-8C	\$4,913
	3600	324TS	208-230/460	PE324TS-40-2-EC	\$3,481
	1800	324T	208-230/460	PE324T-40-4C	\$2,748
	1200	364T	208-230/460	PE364T-40-6C	\$4,217
50	3600	365T	208-230/460	PE365T-40-8C	\$6,009
	3600	326TS	208-230/460	PE326TS-50-2-EC	\$4,374
	1800	326T	208-230/460	PE326T-50-4C	\$3,437
	1200	365T	208-230/460	PE365T-50-6C	\$5,530
60	3600	404T	208-230/460	PE404T-50-8C	\$7,201
	3600	364TS	208-230/460	PE364TS-60-2-EC	\$5,999
	1800	364T	208-230/460	PE364T-60-4C	\$4,540
	1200	404T	208-230/460	PE404T-60-6C	\$6,114
75	3600	405T	208-230/460	PE405T-60-8C	\$8,183
	3600	365TS	208-230/460	PE365TS-75-2-EC	\$7,184
	1800	365T	208-230/460	PE365T-75-4C	\$5,250
	1200	405T	208-230/460	PE405T-75-6C	\$6,408
900	444T	208-230/460	PE444T-75-8C	\$11,953	

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	LIST PRICE
100	3600	405TS	208-230/460	PE405TS-100-2-EC	\$8,315
	1800	405T	208-230/460	PE405T-100-4C	\$6,672
	1200	444T	208-230/460	PE444T-100-6C	\$9,273
	900	445T	208-230/460	PE445T-100-8C	\$12,877
125	3600	444TS	460	PE444TS-125-2-EC	\$10,169
	1800	444T	460	PE444T-125-4C	\$8,704
	1800	444T	460	PE444T-125-4C-BB	\$8,704
	1800	444T	460	PE444T-125-4C-PWS	\$8,704
150	1200	445T	460	PE445T-125-6C	\$10,804
	900	447T	460	PE447T-125-8C	\$16,545
	3600	445TS	460	PE445TS-150-2-EC	\$11,702
	1800	445T	460	PE445T-150-4C	\$9,558
200	1800	445T	460	PE445T-150-4C-BB	\$9,558
	1800	445T	460	PE445T-150-4C-PWS	\$9,558
	1200	447T	460	PE447T-150-6C	\$13,801
	900	449T	460	PE449T-150-8C	\$18,835
250	3600	447TS	460	PE447TS-200-2-EC	\$15,816
	1800	447T	460	PE447T-200-4C	\$12,703
	1800	447T	460	PE447T-200-4C-BB	\$12,703
	1800	447T	460	PE447T-200-4C-PWS	\$12,703
300	1200	449T	460	PE449T-200-6C	\$16,330
	900	449T	460	PE449T-200-8C	\$21,174
	3600	449TS	460	PE449TS-250-2-EC	\$19,435
	1800	449T	460	PE449T-250-4C	\$16,074
350	1800	449T	460	PE449T-250-4C-BB	\$16,074
	1800	449T	460	PE449T-250-4C-PWS	\$16,074
	1200	449T	460	PE449T-250-6C	\$21,168
	1200	586/7UZ	460	PE587UZ-250-6C	\$29,795
400	1200	587U	460	PE587U-250-6C	\$28,293
	1200	587U	460	PE587U-250-6C-BB	\$28,293
	900	586/7UZ	460	PE587U-250-8C	\$37,580
	3600	449TS	460	PE449TS-300-2-EC	\$22,985
450	1800	449T	460	PE449T-300-4C	\$21,808
	1800	449T	460	PE449T-300-4C-BB	\$21,808
	1800	449T	460	PE449T-300-4C-PWS	\$21,808
	1800	586/7UZ	460	PE587UZ-300-4C	\$30,600
500	1800	586/7UZ	460	PE587U-300-4C	\$29,200
	1800	586/7UZ	460	PE587U-300-4C-BB	\$29,200
	1200	449T	460	PE449T-300-6C	\$25,161
	1200	586/7UZ	460	PE587UZ-300-6C	\$32,500
550	1200	587U	460	PE587U-300-6C	\$31,200
	1200	587U	460	PE587U-300-6C-BB	\$31,200
	900	586/7UZ	460	PE587U-300-8C	\$39,015
	3600	586/7UZ	460	PE587UZ-350-4C	\$31,500
600	1800	586/7UZ	460	PE587U-350-4C	\$30,050
	1800	586/7UZ	460	PE587U-350-4C-BB	\$30,050
	1200	586/7UZ	460	PE587UZ-350-6C	\$35,800
	1200	586/7UZ	460	PE587U-350-6C	\$34,100
650	1200	586/7UZ	460	PE587U-350-6C-BB	\$34,100
	1800	586/7UZ	460	PE587UZ-400-4C	\$34,500
	1800	586/7UZ	460	PE587U-400-4C	\$32,950
	1800	586/7UZ	460	PE587U-400-4C-BB	\$32,950
700	1800	586/7UZ	460	PE587UZ-400-6C	\$39,650
	1200	586/7UZ	460	PE587U-400-6C	\$37,650
	1200	586/7UZ	460	PE587U-400-6C-BB	\$37,650
	1800	586/7UZ	460	PE587U-450-4C	\$37,250
750	1200	586/7UZ	460	PE587U-450-6C	\$44,450
	1200	586/7UZ	460	PE587U-450-6C-BB	\$44,450
	1800	586/7UZ	460	PE587UZ-500-4C	\$42,996
	1200	586/7UZ	460	PE587U-500-6C	\$50,950
800	1800	586/7UZ	460	PE587UZ-600-4C	\$49,991

EISA COMPLIANT MOTORS WITH C-FLANGE

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	LIST PRICE
1	1800	143TC	208-230/460	PE143TC-1-4C	\$294
	1200	145TC	208-230/460	PE145TC-1-6C	\$409
1.5	3600	143TC	208-230/460	PE143TC-1.5-2-EC	\$399
	1800	145TC	208-230/460	PE145TC-1.5-4C	\$362
	1200	182TC	208-230/460	PE182TC-1.5-6C	\$428
2	3600	145TC	208-230/460	PE145TC-2-2-EC	\$434
	1800	145TC	208-230/460	PE145TC-2-4C	\$384
	1200	184TC	208-230/460	PE184TC-2-6C	\$567
3	3600	182TC	208-230/460	PE182TC-3-2-EC	\$613
	1800	182TC	208-230/460	PE182TC-3-4C	\$551
	1200	213TC	208-230/460	PE213TC-3-6C	\$848
5	3600	184TC	208-230/460	PE184TC-5-2-EC	\$694
	1800	184TC	208-230/460	PE184TC-5-4C	\$549
	1200	215TC	208-230/460	PE215TC-5-6C	\$969
7.5	3600	213TC	208-230/460	PE213TC-7.5-2-EC	\$1,042
	1800	213TC	208-230/460	PE213TC-7.5-4C	\$760
	1200	254TC	208-230/460	PE254TC-7.5-6C	\$1,242
10	3600	215TC	208-230/460	PE215TC-10-2-EC	\$1,087
	1800	215TC	208-230/460	PE215TC-10-4C	\$914
	1200	256TC	208-230/460	PE256TC-10-6C	\$1,690

HP	RPM	FRAME	VOLTS	CATALOG NUMBER	LIST PRICE
15	3600	254TC	208-230/460	PE254TC-15-2-EC	\$1,709
	1800	254TC	208-230/460	PE254TC-15-4C	\$1,267
20	3600	256TC	208-230/460	PE256TC-20-2-EC	\$1,938
	1800	256TC	208-230/460	PE256TC-20-4C	\$1,513
25	1800	284TC	208-230/460	PE284TC-25-4C	\$1,972
30	1800	286TC	208-230/460	PE286TC-30-4C	\$2,229
40	1800	324TC	208-230/460	PE324TC-40-4C	\$2,863
50	1800	326TC	208-230/460	PE326TC-50-4C	\$3,580
60	1800	364TC	208-230/460	PE364TC-60-4C	\$4,730
75	1800	365TC	208-230/460	PE365TC-75-4C	\$5,469
100	1800	405TC	208-230/460	PE405TC-100-4C	\$6,950
125	1800	444TC	460	PE444TC-125-4C	\$9,066
150	1800	445TC	460	PE445TC-150-4C	\$9,956
200	1800	447TC	460	PE447TC-200-4C	\$13,232
250	1800	449TC	460	PE449TC-250-4C	\$17,255
300	1800	449TC	460	PE449TC-300-4C	\$24,663



ISO 9001

EISA
Compliant

Premiun Crusher Design Performance Data

HP	Full load RPM	Frame	Service Factor	DE Bearing	ODE Bearing	Idle Amps	Full load At 460V	FLT Ft-Lb	LRT %	BDT %	Full Load % Efficiency	Full Load % Power Factor	Weight
1	1740	143T	1.15	6205ZZ	6205ZZ	0.80	1.50	3.01	290	300	82.5	76.0	40
1	1140	145T	1.15	6205ZZ	6205ZZ	1.24	1.80	4.61	260	330	80.0	66.0	48
1	860	182T	1.15	6306ZZ	6306ZZ	2.10	2.20	6.25	250	320	74.0	70.0	64
1.5	3500	143T	1.15	6205ZZ	6205ZZ	0.94	2.00	2.25	260	320	82.5	82.0	46
1.5	1740	145T	1.15	6205ZZ	6205ZZ	1.22	2.20	4.52	300	310	84.0	76.0	48
1.5	1165	182T	1.15	6306ZZ	6306ZZ	1.49	2.50	6.80	260	340	85.5	67.0	90
1.5	860	184T	1.15	6306ZZ	6306ZZ	2.50	3.20	9.38	250	310	74.0	56.0	91
2	3500	145T	1.15	6205ZZ	6205ZZ	1.20	2.42	3.00	260	280	84.0	84.0	52
2	1740	145T	1.15	6205ZZ	6205ZZ	1.51	2.80	6.00	300	300	84.0	80.0	51
2	1165	184T	1.15	6306ZZ	6306ZZ	1.85	3.10	9.10	275	310	86.5	71.0	99
2	870	213T	1.15	6208ZZ	6208ZZ	2.25	3.80	12.40	270	340	82.5	71.0	145
3	3510	182T	1.15	6306ZZ	6306ZZ	1.40	3.70	4.49	200	330	85.5	89.0	90
3	1745	182T	1.15	6306ZZ	6306ZZ	2.15	4.00	9.00	230	300	87.5	82.0	89
3	1170	213T	1.15	6308ZZ	6308ZZ	2.63	4.40	13.50	235	300	87.5	74.0	129
3	870	215T	1.15	6308ZZ	6308ZZ	3.00	5.40	18.50	280	340	84.0	78.0	165
5	3515	184T	1.15	6306ZZ	6306ZZ	1.75	5.80	7.47	210	320	87.5	90.0	110
5	1745	184T	1.15	6306ZZ	6306ZZ	3.17	6.50	15.00	265	300	87.5	82.0	101
5	1170	215T	1.15	6308ZZ	6308ZZ	3.77	7.10	22.60	255	275	87.5	76.0	157
5	880	254T	1.15	6309	6309	5.20	8.30	29.80	240	300	85.5	79.0	260
7.5	3525	213T	1.15	6308ZZ	6308ZZ	2.37	8.80	11.17	210	300	88.5	91.0	145
7.5	1750	213T	1.15	6308ZZ	6308ZZ	3.49	9.20	22.60	255	280	89.5	85.0	136
7.5	1175	254T	1.15	6309	6309	5.20	10.30	33.70	225	240	89.5	77.0	250
7.5	880	256T	1.15	6310	6310	7.50	12.30	44.80	200	290	85.5	73.0	305
10	3525	215T	1.15	6308ZZ	6308ZZ	2.80	11.20	14.90	210	290	89.5	92.0	167
10	1750	215T	1.15	6308ZZ	6308ZZ	4.53	12.00	30.01	255	275	89.5	86.0	159
10	1170	256T	1.15	6309	6306	6.83	13.40	44.90	225	240	89.5	79.0	274
10	880	284T	1.15	6310	6310	9.00	14.70	59.70	220	250	88.5	74.0	395
15	3515	254T	1.15	6309	6309	4.35	17.20	22.41	200	290	90.2	90.0	286
15	1750	254T	1.15	6309	6309	7.75	18.20	45.20	230	245	91.0	84.0	271
15	1175	284T	1.15	6310	6310	7.80	18.70	67.20	265	225	90.2	84.0	350
15	880	286T	1.15	6310	6310	15.00	21.90	89.50	230	260	88.5	74.0	456
20	3530	256T	1.15	6309	6309	5.17	22.50	29.76	200	250	90.2	92.0	315
20	1750	256T	1.15	6309	6309	9.20	24.20	60.20	210	220	91.0	85.0	306
20	1175	286T	1.15	6310	6310	8.35	24.90	89.40	220	250	90.2	84.0	372
20	880	324T	1.15	6312	6312	19.00	30.20	119.40	220	250	89.5	88.0	547
25	3530	284TS	1.15	6310	6310	6.60	28.00	37.20	200	270	91.0	91.0	385
25	1760	284T	1.15	6310	6310	10.50	30.00	74.80	210	290	92.4	85.0	372
25	1175	324T	1.15	6312	6312	11.50	30.20	111.00	210	240	91.7	85.0	495
25	880	326T	1.15	6312	6312	24.00	37.00	149.20	220	220	89.5	76.0	599
30	3530	286TS	1.15	6310	6310	7.70	33.70	44.63	200	280	91.0	92.0	409
30	1760	286T	1.15	6311	6311	12.00	35.30	89.60	210	290	92.4	86.0	387
30	1180	326T	1.15	6312	6312	14.76	36.50	134.00	210	240	91.7	85.0	519
30	880	364T	1.15	6314	6314	26.00	40.80	179.10	230	200	91.0	72.0	789
40	3540	324TS	1.15	6312	6312	11.80	44.50	59.34	200	280	91.7	91.0	510
40	1760	324T	1.15	6312	6312	11.50	46.60	119.36	210	280	93.0	87.0	521
40	1180	364T	1.15	6313	6313	14.30	47.00	178.00	210	235	91.7	86.0	697
40	880	365T	1.15	6314	6314	27.00	55.20	238.80	230	200	91.0	72.0	881
50	3545	326TS	1.15	6312	6312	13.51	55.00	74.08	200	260	92.4	92.0	548
50	1765	326T	1.15	6312	6312	13.70	58.30	148.78	265	210	93.0	87.0	565
50	1180	365T	1.15	6313	6313	20.41	58.00	223.00	210	220	93.0	87.0	740
50	885	404T	1.15	6316	6316	38.00	66.80	298.50	230	240	91.7	76.0	1057



ISO 9001

EISA
Compliant

Premium Crusher Design Performance Data

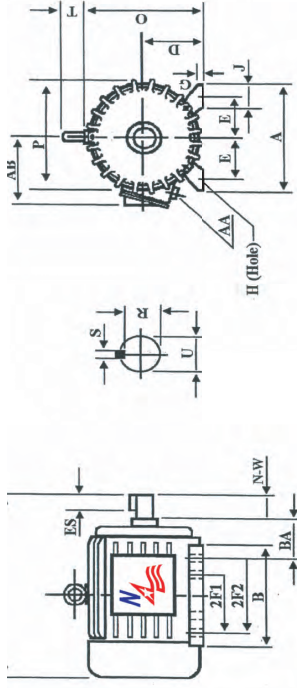
HP	Full load RPM	Frame	Service Factor	DE Bearing	ODE Bearing	Idle Amps	Full load At 460V	FLT Ft-Lb	LRT %	BDT %	Full Load % Efficiency	Full Load % Power Factor	Weight
60	3560	364TS	1.15	6313	6313	12.50	66.00	88.52	200	275	93.0	92.0	704
60	1780	364T	1.15	6313	6313	19.00	70.00	178.00	210	265	93.6	86.0	730
60	1180	404T	1.15	6315	6314	21.90	68.00	266.00	210	230	93.6	92.0	880
60	885	405T	1.15	6316	6316	39.00	80.10	358.20	220	230	91.7	78.0	1057
75	3560	365TS	1.15	6313	6313	16.50	82.50	110.65	200	275	93.0	92.0	766
75	1780	365T	1.15	6313	6313	20.50	88.60	222.00	210	260	94.1	86.0	774
75	1180	405T	1.15	6315	6314	30.24	84.00	333.00	210	230	93.6	90.0	1050
75	980	444T	1.15	NU319	6318	45.00	100.00	445.20	230	230	93.0	74.0	1432
100	3560	405TS	1.15	6314	6314	26.60	109.00	147.53	200	280	93.6	92.0	1040
100	1780	405T	1.15	6315	6314	30.20	113.50	295.00	210	240	94.5	88.0	1062
100	1180	444T	1.15	NU319	6318	40.20	113.00	445.00	210	225	94.1	89.0	1316
100	890	445T	1.15	NU319	6318	49.00	132.00	593.60	220	220	93.0	75.0	1465
125	3565	444TS	1.15	6314	6314	29.14	135.00	184.15	200	250	94.5	92.0	1247
125	1780	444T	1.15	NU319	6318	38.32	147.00	369.00	210	260	94.5	85.0	1364
125	1180	445T	1.15	NU319	6318	48.60	141.00	557.00	200	210	94.1	89.0	1443
125	890	447T	1.15	NU319	6318	50.00	166.00	742.00	230	220	92.4	74.0	1575
150	3570	445TS	1.15	6314	6314	38.00	162.00	220.67	200	245	94.5	92.0	1408
150	1780	445T	1.15	NU319	6318	46.20	171.00	443.00	210	250	95.0	87.0	1695
150	1180	447T	1.15	NU319	6318	58.70	165.00	668.00	210	215	95.0	90.0	1679
150	885	449T	1.15	NU319	6318	60.00	202.80	890.00	230	220	93.6	74.0	1905
200	3570	447TS	1.15	6314	6314	49.00	213.00	294.23	200	210	95.0	93.0	1584
200	1780	447T	1.15	NU319	6318	57.94	218.00	590.00	220	225	95.0	93.0	1800
200	1185	449T	1.15	NU319	6318	59.80	220.00	890.00	210	220	95.0	90.0	2024
200	885	449T	1.15	NU319	6318	65.30	250.00	1020.26	230	220	94.1	76.0	2150
250	3580	449TS	1.15	6314	6314	59.62	266.00	366.76	180	220	95.4	93.0	1870
250	1785	449T	1.15	NU319	6318	74.74	275.00	738.00	206	240	95.0	89.4	2595
250	1190	449T	1.15	NU319	6318	96.80	288.80	1103.36	225	260	95.0	84.6	2789
250	1190	587UZ	1.15	NU324	6319	96.50	285.00	1097.20	200	263	95.6	85.4	5216
250	1190	587U	1.15	NU324	6319	96.50	285.00	1097.20	200	263	95.6	85.4	5216
250	891	587U	1.15	NU324	6319	99.80	311.80	1465.80	205	226	95.3	78.4	5705
300	3570	449TS	1.15	6314	6314	71.57	320.00	441.34	180	210	95.4	93.0	2002
300	1785	449T	1.15	NU319	6318	85.97	330.00	885.00	215	240	95.4	90.9	2759
300	1789	587UZ	1.15	NU324	6319	96.50	325.10	868.10	200	254	96.0	88.7	4625
300	1789	587U	1.15	NU324	6319	96.50	325.10	868.10	200	254	96.0	88.7	4625
300	1185	449T	1.15	NU319	6318	118.80	341.10	1329.62	210	250	95.0	85.2	2948
300	1189	587UZ	1.15	NU324	6319	127.30	338.30	1305.90	132	247	95.4	85.8	5342
300	1189	587U	1.15	NU324	6319	127.30	338.30	1305.90	132	247	95.4	85.8	5342
300	891	587U	1.15	NU324	6319	130.60	369.30	1743.10	200	218	95.4	78.6	5952
350	1780	587UZ	1.15	NU324	6319	110.10	380.00	1025.40	237	270	96.4	89.3	4857
350	1780	587U	1.15	NU324	6319	110.10	380.00	1025.40	237	270	96.4	89.3	4857
350	1190	587UZ	1.15	NU324	6319	152.40	397.80	1542.00	235	265	95.8	85.6	5705
350	1190	587U	1.15	NU324	6319	152.40	397.80	1542.00	235	265	95.8	85.6	5705
400	1789	587UZ	1.15	NU324	6319	116.80	440.20	1183.80	223	252	96.3	89.0	4982
400	1789	587U	1.15	NU324	6319	116.80	440.20	1183.80	223	252	96.3	89.0	4982
400	1190	587U	1.15	NU324	6319	161.40	454.00	1780.70	214	234	96.2	86.4	5940
450	1789	587U	1.15	NU324	6319	128.10	498.00	1319.83	200	220	95.0	89.0	5424
450	1189	587UZ	1.15	NU324	6319	181.80	504.70	1988.50	316	265	96.5	86.4	5930
500	1792	587UZ	1.15	NU324	6319	141.10	551.80	1478.10	218	280	96.8	88.1	6140
500	1792	587U	1.15	NU324	6319	141.40	551.80	1478.10	218	280	96.8	88.1	6140
500	1189	587UZ	1.15	NU324	6319	202.00	563.10	2224.10	236	275	96.5	86.6	5970
600	1792	587UZ	1.15	NU324	6319	141.10	642.30	1742.60	225	274	96.8	88.1	6800



ISO 9001

EISA
Compliant

Premium Efficient, Hostile Duty & Crusher Duty Mounting Dimensions Foot Mount

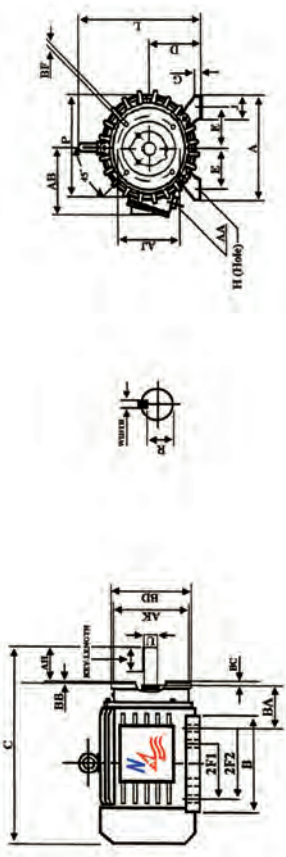


FRAME	E	2F	AB	H	BA	AA	A	B	C	D	G	J	O	P	R	S	T	ES	N-W	U
143T	2.75	4.00	6.10	0.34	2.25	0.75NPT	7.00	5.2	12.60	3.50	0.5	1.42	7.10	6.95	0.771	0.188	NA	1.41	2.25	0.875
143T	2.75	5.00	6.10	0.34	2.25	0.75NPT	7.00	6.2	13.60	3.50	0.5	1.42	7.10	6.95	0.771	0.188	NA	1.41	2.25	0.875
182T	3.75	4.50	7.50	0.41	2.75	0.75NPT	9.50	6.3	15.10	4.50	0.7	1.69	9.10	8.70	0.986	0.250	1.60	1.78	2.75	1.125
184T	3.75	5.50	7.50	0.41	2.75	0.75NPT	9.50	7.3	16.10	4.50	0.7	1.69	9.10	8.70	0.986	0.250	1.60	1.78	2.75	1.125
213T	4.25	5.50	8.30	0.41	3.50	1.00NPT	11.00	7.9	18.90	5.25	0.8	2.40	10.50	10.20	1.201	0.312	1.90	2.41	3.38	1.375
215T	4.25	7.00	8.30	0.41	3.50	1.00NPT	11.00	9.4	20.40	5.25	0.8	2.40	10.50	10.20	1.201	0.312	1.90	2.41	3.38	1.375
254T	5.00	8.25	10.10	0.53	4.25	1.25NPT	13.00	10.4	23.20	6.25	0.8	2.76	13.00	12.40	1.416	0.375	2.20	2.91	4.00	1.625
256T	5.00	10.00	10.10	0.53	4.25	1.25NPT	13.00	12.2	25.00	6.25	0.8	2.76	13.00	12.40	1.416	0.375	2.20	2.91	4.00	1.625
284T	5.50	9.50	11.30	0.53	4.75	1.5NPT	14.00	11.7	26.60	7.00	0.8	2.76	14.50	14.00	1.591	0.500	2.20	3.28	4.62	1.875
284TS	5.50	9.50	11.30	0.53	4.75	1.5NPT	14.00	11.7	25.20	7.00	0.8	2.76	14.50	14.00	1.416	0.375	2.20	1.91	3.25	1.625
286T	5.50	11.00	11.30	0.53	4.75	1.5NPT	14.00	13.2	28.10	7.00	0.8	2.76	14.50	14.00	1.416	0.375	2.20	1.91	3.25	1.625
286TS	5.50	11.00	11.30	0.53	4.75	1.5NPT	14.00	13.2	26.70	7.00	0.8	2.76	14.50	14.00	1.416	0.375	2.20	1.91	3.25	1.625
324T	6.25	10.50	12.30	0.66	5.25	2.0NPT	15.50	13.2	29.80	8.00	1.0	2.76	15.90	15.70	1.845	0.500	2.60	3.91	5.25	2.125
324TS	6.25	10.50	12.30	0.66	5.25	2.0NPT	15.50	13.2	28.30	8.00	1.0	2.76	15.90	15.70	1.591	0.500	2.60	2.03	3.75	1.875
326T	6.25	12.00	12.30	0.66	5.25	2.0NPT	15.50	14.7	31.30	8.00	1.0	2.76	15.90	15.70	1.845	0.500	2.60	3.91	5.25	2.125
326TS	6.25	12.00	12.30	0.66	5.25	2.0NPT	15.50	14.7	29.80	8.00	1.0	2.76	15.90	15.70	1.591	0.500	2.60	2.03	3.75	1.875
364T	7.00	11.25	14.60	0.66	5.88	3.0NPT	17.10	14.4	32.50	9.00	1.1	2.95	18.10	17.60	2.021	0.625	2.60	4.28	5.88	2.375
364TS	7.00	11.25	14.60	0.66	5.88	3.0NPT	17.10	14.4	30.04	9.00	1.1	2.95	18.10	17.60	1.591	0.500	2.60	2.03	3.75	1.875
365T	7.00	12.25	14.60	0.66	5.88	3.0NPT	17.10	15.4	33.50	9.00	1.1	2.95	18.10	17.60	2.021	0.625	2.60	4.28	5.88	2.375
365TS	7.00	12.25	14.60	0.66	5.88	3.0NPT	17.10	15.4	31.40	9.00	1.1	2.95	18.10	17.60	1.591	0.500	2.60	2.03	3.75	1.875
404T	8.00	12.25	15.60	0.81	6.62	3.0NPT	19.30	16.4	36.70	10.0	1.2	3.15	19.80	19.10	2.450	0.750	3.00	5.65	7.25	2.875
404TS	8.00	12.25	15.60	0.81	6.62	3.0NPT	19.30	16.4	35.20	10.0	1.2	3.15	19.80	19.10	1.845	0.500	3.00	2.78	4.25	2.125
405T	8.00	13.75	15.60	0.81	6.62	3.0NPT	19.30	17.9	38.20	10.0	1.2	3.15	19.80	19.10	2.450	0.750	3.00	5.65	7.25	2.875
405TS	8.00	13.75	15.60	0.81	6.62	3.0NPT	19.30	17.9	35.20	10.0	1.2	3.15	19.80	19.10	1.845	0.500	3.00	2.78	4.25	2.125
444T	9.00	14.50	16.60	0.81	7.50	3.0NPT	21.70	22.9	44.30	11.0	1.3	3.35	22.10	21.60	2.880	0.875	3.00	6.91	8.50	3.375
444TS	9.00	14.50	16.60	0.81	7.50	3.0NPT	21.70	22.9	40.60	11.0	1.3	3.35	22.10	21.60	2.021	0.625	3.00	3.03	4.75	2.375
445T	9.00	16.50	16.60	0.81	7.00	3.0NPT	21.70	22.9	44.30	11.0	1.3	3.35	22.10	21.60	2.880	0.875	3.00	6.91	8.50	3.375
445TS	9.00	16.50	16.60	0.81	7.50	3.0NPT	21.70	22.9	40.60	11.0	1.3	3.35	22.10	21.60	2.021	0.625	3.00	3.03	4.75	2.375
447T	9.00	20.00	16.60	0.81	7.50	3.0NPT	21.70	26.4	47.80	11.0	1.3	3.75	22.10	21.60	2.880	0.875	3.00	6.91	8.50	3.375
447TS	9.00	20.00	16.60	0.81	7.50	3.0NPT	21.70	26.4	44.10	11.0	1.3	3.75	22.10	21.60	2.021	0.625	3.00	3.03	4.75	2.375
449T	9.00	25.00	16.60	0.81	7.50	3.0NPT	21.70	31.4	52.80	11.0	1.3	3.75	22.10	21.60	2.880	0.875	3.00	6.91	8.50	3.375
449TS	9.00	25.00	16.60	0.81	7.50	3.0NPT	21.70	31.4	49.10	11.0	1.3	3.75	22.10	21.60	2.021	0.625	3.00	3.03	4.75	2.375
587U	12.00	25.00	26.97	1.10	10	2X3.0NPT	28.6	29.53	69.29	14.5	1.969	5.709	33.47	28.00	3.378	1.000	5.00	10.000	11.61	3.875
587UZ	12.00	25.00	26.97	1.10	10	2X3.0NPT	28.6	29.53	69.29	14.5	1.969	5.709	33.47	28.00	3.378	1.000	5.00	10.000	11.61	4.375

Note: The 587U frame motors are dual drilled 586/7U. 500HP motors are drilled 587/8/9/10U with a 79.13" C Dim.

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Premium Efficient, Hostile Duty & Crusher Duty Mounting Dimensions C-Flange Mount



C-FACE MOUNTING DIMENSIONS

FRAME	AJ	AK	BA	MIN. BB	BC	MAX. BD	BOLT HOLES	BOLT DIM.	DEPTH OF HOLE	U	AH	R	KEY LENGTH	KEY WIDTH
143TC - 145TC	5.875	4.50	2.75	0.16	0.12	6.50	4	0.375-16	0.56	0.875	2.12	0.771	1.41	0.188
182TC - 184TC	7.250	8.50	3.50	0.25	0.12	9.00	4	0.500-13	0.75	1.125	2.62	0.986	1.78	0.250
213TC - 215TC	7.250	8.50	4.25	0.25	0.25	9.00	4	0.500-13	0.75	1.375	3.12	1.201	2.41	0.312
254TC- 256TC	7.250	8.50	4.75	0.25	0.25	10.00	4	0.500-13	0.75	1.625	3.75	1.416	2.91	0.375
284TC - 286TC	9.00	10.50	4.75	0.25	0.25	11.25	4	0.500-13	0.75	1.875	4.38	1.591	3.28	0.500
284TSC - 286TSC	9.00	10.50	4.75	0.25	0.25	11.25	4	0.500-13	0.75	1.625	3.00	1.416	1.91	0.375
324TC - 326TC	11.00	12.50	5.25	0.25	0.25	14.00	4	0.625-11	0.94	2.125	5.00	1.845	3.91	0.500
324TSC - 326TSC	11.00	12.50	5.25	0.25	0.25	14.00	4	0.625-11	0.94	1.875	3.50	1.591	2.03	0.500
364TC - 365TC	11.00	12.50	5.88	0.25	0.25	14.00	8	0.625-11	0.94	2.375	5.62	2.021	4.28	0.625
364TSC - 365TSC	11.00	12.50	5.88	0.25	0.25	14.00	8	0.625-11	0.94	1.875	3.50	1.591	2.03	0.500
404TC - 405TC	11.00	12.50	6.62	0.25	0.25	15.50	8	0.625-11	0.94	2.875	7.00	2.450	5.65	0.750
404TSC - 405TSC	11.00	12.50	6.62	0.25	0.25	15.50	8	0.625-11	0.94	2.125	4.00	1.845	2.78	0.500
444TC - 445TC	14.00	16.00	7.50	0.25	0.25	18.00	8	0.625-11	0.94	3.375	8.25	2.880	6.91	0.875
444TSC - 445TSC	14.00	16.00	7.50	0.25	0.25	18.00	8	0.625-11	0.94	3.375	4.50	2.021	3.03	0.625
447TC - 449TC	14.00	16.00	7.50	0.25	0.25	18.00	8	0.625-11	0.94	3.375	8.25	2.880	6.91	0.875
447TSC - 449TSC	14.00	16.00	7.50	0.25	0.25	18.00	8	0.625-11	0.94	3.375	4.50	2.021	3.03	0.625

MOTOR SLIDE BASES

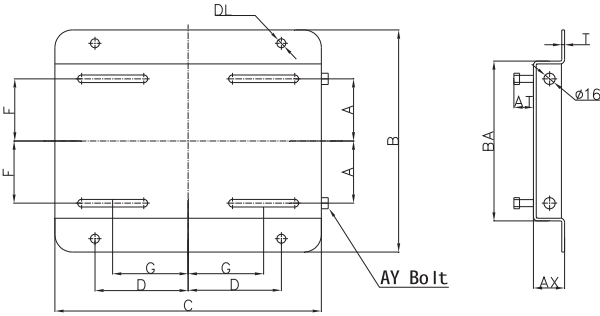


FEATURES:

- * 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
- * All sizes are double-adjusting screw style
- * Sizes 56 to 145 are single-adjusting screw style
- * Sizes 182 to 505 are double-adjusting screw style

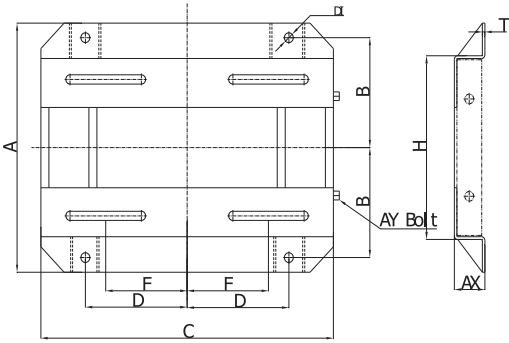
Model Number	Weight (Lbs.)	Multiplier Symbol	List Price
NA56	3	M11	\$18
NA143	6	M11	\$35
NA145	7	M11	\$35
NA182	10	M11	\$48
NA184	10	M11	\$48
NA213	15	M11	\$71
NA215	17	M11	\$71
NA254	19	M11	\$97
NA256	20	M11	\$97
NA284	24	M11	\$109
NA286	25	M11	\$109
NA324	35	M11	\$159
NA326	36	M11	\$159
NA364	49	M11	\$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

MOTOR SLIDE BASE DIMENSIONS 56 - 286T



FRAME NO.	A	B	C	D	G	F	BA	T	AX	AY BOLT	AT
W56	2 7/8	6 1/2	10 5/8	3 13/16	2 7/16	1 1/2	4 1/2	.078	1 1/8	3/8*4	7/8
W143T	3 3/8	7 1/2	10 1/2	3 3/4	2 3/4	2	5 1/2	.119	1 1/8	3/8*4	13/16
W145T	3 7/8	8 1/2	10 1/2	3 3/4	2 3/4	2 1/2	6 1/2	.119	1 1/8	3/8*4	13/16
W182T	4 1/4	9 1/2	12 3/4	4 1/2	3 3/4	2 1/4	6 1/2	.134	1 1/2	1/2*6	1 1/2
W184T	4 3/4	10 1/2	12 3/4	4 1/2	3 3/4	2 3/4	7 1/2	.134	1 1/2	1/2*6	1 1/2
W213T	4 3/4	11	15	5 1/4	4 1/4	2 3/4	7 1/2	.164	1 3/4	1/2*6	1 1/2
W215T	5 1/2	12 1/2	15	5 1/4	4 1/4	3 1/2	9	.164	1 3/4	1/2*6	1 1/2
W254T	6 5/8	15 1/8	17 3/4	6 1/4	5	4 1/8	10 3/4	3/16	2	5/8*6	1 7/16
W256T	7 1/2	16 7/8	17 3/4	6 1/4	5	5	12 1/2	3/16	2	5/8*6	1 7/16
W284T	7 1/2	16 7/8	19 3/4	7	5 1/2	4 3/4	12 1/2	3/16	2	5/8*6	1 11/16
W286T	8 1/4	18 3/8	19 3/4	7	5 1/2	5 1/2	14	3/16	2	5/8*6	1 11/16

MOTOR SLIDE BASE DIMENSIONS 324T - 505U FRAME



FRAME NO.	A	B	C	D	F	H	T	AX	DI	AY BOLT
W324T	19 1/4	8 1/2	22 3/4	8	6 1/4	14	3/16	2 1/2	3/4	3/4*9
W326T	20 3/4	9 1/4	22 3/4	8	6 1/4	15 1/2	3/16	2 1/2	3/4	3/4*9
W364T	20 1/2	9 1/8	25 1/2	9	7	15 1/2	1/4	2 1/2	3/4	3/4*9
W365T	21 1/2	9 5/8	25 1/2	9	7	16 1/2	1/4	2 1/2	3/4	3/4*9
W404T	22 3/8	9 7/8	28 3/4	10	8	16 1/2	1/4	3	7/8	3/4*11
W405T	23 7/8	10 5/8	28 3/4	10	8	18	1/4	3	7/8	3/4*11
W444T	24 5/8	11	31 1/4	11	9	19 1/4	1/4	3	7/8	3/4*11
W445T	26 5/8	12	31 1/4	11	9	21 1/4	1/4	3	7/8	3/4*11
W447T	30 1/8	13 3/4	31 1/4	11	9	24 3/4	5/16	3	7/8	3/4*11
W449T	35 1/8	16 1/4	31 1/4	11	9	29 3/4	5/16	3	7/8	3/4*11
W505T	30	13 1/2	35	12 1/2	10	22 3/4	5/16	3 1/2	1	7/8*12



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