

**NEMA C FACE KITS  
STEEL FRAME MOTORS**

Includes parts to convert a rigid base mounted motor to NEMA C face with base.

The C Face Kits *cannot* be used as replacements on a factory-produced C face motor.



**For motors with Catalogue Numbers 092000-140999**

Frame	Enclosure	C Face Kit Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)
42	Open / Enclosed	<b>175661</b>	\$36	A	2
48	Open / Enclosed	<b>175969</b> ○	36	A	2
S56	Open	<b>175000</b>	36	A	2
	Enclosed	<b>175180</b>	36	A	2
	Open / Enclosed	<b>175297</b> ▷	36	A	2
56	Open	<b>175075</b>	39	A	2
	Enclosed	<b>175076</b>	39	A	2
	Severe Duty	<b>175078</b>	99	A	5
	(see note 2) Enclosed	<b>M064076</b> ▲	26	A	2
143T-145T	Open	<b>175181</b>	56	B	2
	Enclosed	<b>175077</b>	56	B	2
	Enclosed	<b>M064077</b>	56	B	2
182T-184T	Open / Enclosed	<b>175691</b> △	95	B	2
182T-184T Special+	Open / Enclosed	<b>175294</b> +	56	B	5
S213T	Open / Enclosed	<b>175693</b> △	100	B	2
213T-215T (1750 RPM)	Open	<b>175009</b>	141	B	19
	Open	<b>175845</b> □	141	B	19
	Enclosed	<b>175010</b>	141	B	15
	Enclosed	<b>175844</b> □	141	B	15
213T-215T (3450 RPM)	ODP	<b>175303</b> ★	141	B	15
	Enclosed	<b>175304</b> ★	141	B	15

- NOTE:** 1) When changing a rigid mount motor to C Face for 140T-256T frames, a non-NEMA BA dimension results. e.g. M009090  
2) Some larger HP 56-frame motors have larger shaft-end bearings and require a 143T-145T C Face kit. Contact LEESON.

**NEMA C FACE KITS  
CAST IRON MOTORS**

Includes parts to convert a rigid base mounted motor to NEMA C face with base.

The C Face Kits *cannot* be used as replacements on a factory-produced C face motor.



**For 150 Series and 170 Series Cast Iron Motors Only**

Frame	Enclosure	C Face Kit Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)
143T-145T	Enclosed	<b>163114</b>	\$90	C	10
182T-184T	Open	<b>163046</b> ③	95	C	12
	Enclosed	<b>175655</b>	95	C	12
213T-215T	Open	<b>175066</b>	141	C	14
	Enclosed	<b>175068</b>	141	C	14
254T-256T	Open	<b>163018</b>	222	C	25
	Enclosed	<b>163031</b>	170	C	25
284T-286T	Open	<b>163019</b>	296	C	42
	Enclosed	<b>163015</b>	296	C	42
324T-326T	Open	<b>163020</b>	398	C	57
	Enclosed	<b>163016</b>	398	C	57
364T-365T	Open	<b>163021</b>	539	C	75
	Enclosed	<b>163017</b>	539	C	75
404T-405T	Open	<b>163097</b>	572	C	80
	Enclosed	<b>163033</b>	572	C	80
444T-445T	Open	<b>163094</b>	680	C	9
	Enclosed	<b>163040</b> *	680	C	100
447-449	Enclosed	<b>163093</b>	749	C	120

**NOTE:** When changing a rigid mount motor to "C" Face for 213T, 215T, 254T and 256T frames, a non-NEMA BA dimension results.

**NEMA C FACE KITS WATTSAYER® MOTORS**

Special conversion kits for use exclusively on WATTSAYER® cast iron frame motors.

Frame	Enclosure	C Face Kit Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)
182T-184T	Enclosed	<b>175394</b> ②	\$95	C	12
213T-215T	Enclosed	<b>175869</b> *	141	C	14
324T-326T	Open	<b>175454</b>	398	C	57
364T-365T	Open	<b>175601</b> ①	455	C	75
	Enclosed	<b>175603</b> ①	455	C	75

\*Locked bearing

- \* Not suitable for 2 pole motors
- Use these kits for new-design 213T and 215T motors that have external thru-bolts
- △ Use this kit for 182-4T and S213T motors with catalogue numbers 131454 and higher, or with a G prefix. Both open and enclosed motors in this series use the same kits as ventilation is in the frame of the motor.
- Not TS Frame.
- ✓✓ For older cast iron motors with date code C93 or earlier.
- ▷ For use with motors having "P" suffix on date code.
- + Converts a 182T-184T frame motor to the C-face dimensions of a 143T-145T or 182U184U frame motor -- AJ = 5 7/8", AK = 4 1/2". Does not change the shaft extension or BA dimension to match the other frame sizes.
- ★ For use with 3450 RPM, 213T-215T (213JP-215JP) motors only.
- ▲ For use with Industry-Ag motors only.
- For use with AC motors having "P" suffix on date code. Results in non-NEMA shaft and BA dim.
- ☆ Not for use with WATTSAYER® motors.
- ① WATTSAYER II design, having oversized frame body.
- ② For use with motors having date codes May 2003 and later.
- ③ Not for modifying stock motors.

**SHADED FRAME INDICATES CAST IRON CONSTRUCTION**

Accessories



# MOTOR ACCESSORIES

FIELD INSTALLED

## NEMA D FLANGE KITS STEEL AND CAST IRON FRAME MOTORS

Includes parts to convert a rigid base mounted motor to NEMA D face with base.

Shaded frame indicates cast iron motor kits for 150 and 170 series motors.

NOTE: The D Flange Kits can *only* be used on rigid base motors. They will not fit NEMA C face motors.



Frame	Enclosure	D Flange Kit Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)
143T-145T	Enclosed	<b>163113</b>	\$95	C	11
182T-184T	Open	<b>2152401*</b>	106	A	12
	Enclosed	<b>2152301*</b>	106	A	12
	Enclosed	<b>175658</b>	110	C	12
	Open	<b>163043</b>	110	C	12
	ODP/TEFC	<b>175694*</b>	134	A	12
213T-215T	Open	<b>175114</b>	202	C	14
	Enclosed	<b>175115</b>	154	C	14
254T-256T	Open	<b>163027</b>	225	C	25
	Enclosed	<b>163032</b>	225	C	25
284T-286T	Open	<b>163028</b>	364	C	42
	Enclosed	<b>163024</b>	364	C	42
324T-326T	Open	<b>163029</b>	468	C	57
	Enclosed	<b>163025</b>	468	C	57
364T-365T	Open	<b>163044</b>	593	C	72
364T-365T	Enclosed	<b>163034</b>	545	C	72
404T-405T	Open	<b>163041</b>	572	C	80
404T-405T	Enclosed	<b>163045</b>	622	C	80
444T-445T	Open	<b>163077</b>	899	C	100
444T-445T	Enclosed	<b>163102</b>	899	C	100
447-449T	Enclosed	<b>163104</b>	901	C	160

\* For use with rolled steel motor

## NEMA D FLANGE KIT WATTS AVER® MOTORS

Special conversion kit for use exclusively on WATTS AVER® cast iron frame motors.

Frame	Enclosure	D Flange Kit Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)
182T-184T	Enclosed	<b>175843*ⓐ</b>	\$110	C	14
182T-184T	Enclosed	<b>175396ⓑ</b>	116	C	14
213T-215T	Enclosed	<b>175959</b>	176	C	14
324T-326T	Open	<b>175455</b>	628	C	57
364T-365T	Open	<b>175602ⓐ</b>	701	C	72
	Enclosed	<b>175604ⓐ</b>	701	C	72

\*Locked bearing

## RODENT SCREEN KITS

Frame	Enclosure	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)
182T-184T*	Open	<b>175872</b>	\$101	C	1
213T-215T*	Open	<b>175871</b>	164	C	1
254T-256T	Open	<b>175873</b>	226	C	2
284T-286T	Open	<b>175874</b>	226	C	3
324T	Open	<b>175894</b>	506	C	5
326T	Open	<b>175875</b>	506	C	4

\*Rolled steel frame only.

△ Use this kit for 182-4T and S213T motors with catalog numbers 131454 and higher, or with a G prefix.

Both open and enclosed motors in this series use the same kits as ventilation is in the frame of the motor.

\* For use with 213T-215T 3450 RPM motors only.

◆ For use with motors having "P" suffix on date code.

▼ For use with motors having catalog numbers 15XXXX, G15XXXX, or 17XXXX.

★ Not for use with WATTS AVER® motors.

ⓐ For use with motors having date codes earlier than May 2003.

ⓑ For use with motors having date codes May 2003 and later.

◇ For use with 1140 and 1750 RPM motors only.

ⓐ WATTS AVER® II design, having oversized frame body.

## CHEMICAL SERVICE/ SEVERE DUTY CONVERSION KITS

Cast iron fan covers for 150 Series and 170 Series cast iron motors. Designed to easily convert TEFC motors to all cast iron construction. All these motors have inert, corrosion resistant fiber filled thermoplastic fan as standard. Kit includes one cast iron fan cover.



Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)
182T-184T	<b>164077</b>	\$139	C	10
213T-215T	<b>175050</b>	186	C	12
254T-256T	<b>175051</b>	258	C	18
284T-286T	<b>175052</b>	313	C	20
324T-326T	<b>175053</b>	405	C	29
364T-365T	<b>175054</b>	517	C	39
404T-405T	<b>164055</b>	765	C	49
444T-445	<b>164076</b>	816	C	65
447T-449T	<b>175891</b>	958	C	85

## TEXTILE "LINT-PROOF" KITS

Needed parts to convert one TEFC motor to lint proof construction.

Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)
56-143T-145T	<b>175024</b>	\$61	A	2
182T-184T	<b>175025</b>	63	A	3

## DRIP-COVER KITS FOR DRIP-PROOF MOTORS

Each kit includes one drip-cover. Designed to protect drip-proof motors from rain, snow and ice when mounted outdoors in a vertical position.



Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)
48-S56	<b>175003</b>	\$26	A	2
48-S56	<b>175298◆</b>	26	A	2
56	<b>175004</b>	51	A	2
143T-145T	<b>175004</b>	51	A	2
182T-184T	<b>175030</b>	100	A	3
213T-215T	<b>175846</b>	100	A	3

## DRIP COVER KITS FOR DRIP-PROOF MOTORS • CAST IRON

Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)
180	<b>180Dripcover</b>	\$85	A	3
210	<b>210Dripcover</b>	92	A	4
250	<b>250Dripcover</b>	109	A	7

◆ For use with motors having "P" suffix on date code.

## DRIP-COVER KIT FOR TEFC MOTORS

For use with 1750 RPM steel frame motors only.

Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)
213T-215T	<b>175849</b>	\$59	B	12

Catalogue numbers in blue are NEW items.

**BLOWER FAN KITS**



These kits are used for converting 150, 160 and 170 Series Cast Iron TEFC motors to Totally Enclosed Blower Cooled motors. Cooling per MG1.6 (IC46) The kits are designed for inverter and vector drive applications where continuous cooling is required regardless of motor shaft speed. The kit is mounted on the back of the motor after removing the fan guard and fan. Modifying the shaft is not required. Contact factory for installation and specify blue or green paint colour. Other voltages are also available.

For use with 150, 160 & 170 Series Cast Iron TEFC Motors only.

Blower Motor Voltage	Phase	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	CFM	App. Wgt. (lbs.)
115	1	182-4T	<b>175674</b>	\$670	A	260	23
115	1	213-5T	<b>175675</b>	720	A	260	26
115	1	254-6T	<b>175676</b>	780	A	260	28
115	1	284-6T	<b>175677</b>	940	A	500	39
115	1	324-6T	<b>175678</b>	1070	A	500	42
115	1	364-5T	<b>175879</b>	1912	A	500	75
115	1	404-5T	<b>175880</b>	1989	A	500	85
115	1	444-5T	<b>175558</b>	2225	A	500	95
230/460	3	360T	<b>175879</b>	2657	C	500	35
230/460	3	400T	<b>175880</b>	2657	C	500	45
230/460	3	440T	<b>175558</b>	3554	C	500	55

⦿ For 444T/445T motors

For use with Steel Frame TEFC Motors only.

Blower Motor Voltage	Phase	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	CFM	App. Wgt. (lbs.)
115	1	56/140T	<b>AF56/145</b>	\$604	A	250	19
115	1	182-4T	<b>AF180*</b>	670	A	260	23



**ENCODER KITS**

These kits include the parts and encoder for field assembly of slim-line, through-shaft encoder designed to slip over the motor's fan end shaft. Blower kit sold separately.

Output is 1024 pulses per revolution, quadrature, 5 to 28 VDC line driver output. Short-

circuit protection is standard. Inputs are over voltage and reverse voltage protected. Electrical noise immunity exceeds international standards. Encoders are isolated from shaft currents using hard anodized sleeves and non metallic anti-rotation hardware. Designed for long-life in industrial environments using an all-metal, shock resistant code disk. The encoder is protected by the motor's fan cover after mounting. Using a blower fan kit is suggested for proper motor cooling.

**FOR CAST IRON 150, 160 & 170 SERIES TEFC MOTORS**

For NEMA Frame	Encoder Kit Catalogue Number	List Price	Disc. Sym.
182-4T	<b>175684</b>	\$1487	A
213-5T	<b>175685</b>	1487	A
254-6T	<b>175686</b>	2039	A
284-6T	<b>175687</b>	2039	A

**FOR ROLLED STEEL MOTORS**

For NEMA Frame	Encoder Kit Catalogue Number	List Price	Disc. Sym.
56/145T	<b>175960</b>	\$750	A
182-4T	<b>175897</b>	1064	A
213-5T	<b>175898</b>	1080	A

**Catalogue numbers in blue are NEW items.**

### TERMINAL BLOCK KITS

Terminal block kits for 150 and 170 Series Cast Iron motors. Designed for easy installation kit includes mounting bracket, terminal block, studs and mounting hardware.



For use with 150 & 170 Series Cast Iron TEFC Motors only.

NEMA Frame	IEC Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)
—	63/90L	<b>175881</b>	\$12	A	1
180/210T	100/112/132	<b>175668</b>	17	C	2
250/280T	160/180	<b>175667</b>	19	C	3
320/360T	200/225	<b>175666</b>	29	C	4
400/440T	250/280	<b>175665</b>	46	C	5

### DIE CAST ALUMINUM CONDUIT BOX CONVERSION KIT

56/140-frame kit (pictured) includes die cast aluminum conduit box, cover, gaskets, grounding screw, mounting hardware and adapter plate for mounting box on existing holes in motor. 180 and 210-frame kits include all parts required to replace the conduit box including the die cast conduit box, plug, cover, gaskets and mounting hardware. No adapter plate is required because these kits mount on existing holes. All conduit boxes have 1/2"-NPT tapped lead exit holes on two adjacent sides with one hole plugged. Note: the kit will not work with larger HP single-phase 210-frame motors.



NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)
56-140T	<b>175892</b>	\$35	A	2
182-4T	<b>175649</b>	43	A	2
213-5T	<b>175847</b>	54	C	11

### EXPLOSION-PROOF CONDUIT BOX

UL and CSA listed for Class I, Group C & D, and Class II, Groups E, F & G locations. Has grounding screw and all hardware provided. Mounts to motor by 3/4"-14NPT opening at rear of box. For NEMA 56 & 143-5T frame motors only.



Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)
<b>175026</b>	\$68	A	2
<b>175755*</b>	68	A	2

\*For use with motors having a date code ending in the letter "P".



### LEESON BRAKEKITS™ • SEE PAGE 40

Kit of components to convert 56 through 256T frame stock TEFC motors to fail-safe brakemotors. Kit mounts on fan end of motor. Kits for 56-184T steel frame motors include totally enclosed Stearns AC brake, replacement cast fan cover, shaft extension, fan and hardware. Kits for 213T-256T cast iron frame motors **do not include brake**, but are designed for Stearns 87,000 series brake.



### COUPLINGS • SEE PAGE 92

These competitively interchangeable couplings feature a "fail-safe" jaw design - if the insert element wears/breaks away, the coupling continues to operate until the insert can be conveniently replaced. Installation is easy and allows for a degree of misalignment. Four insert materials are available for a full range of environments and capabilities.

# MOTOR ACCESSORIES

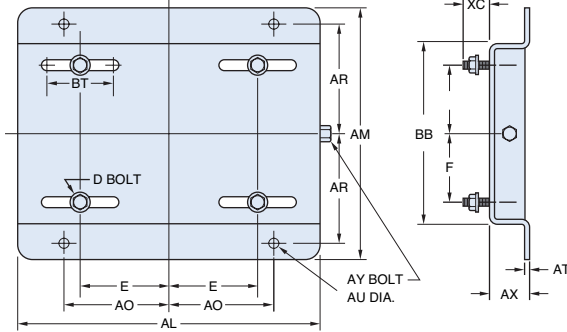
## SLIDE BASES • TRANSITION BASES



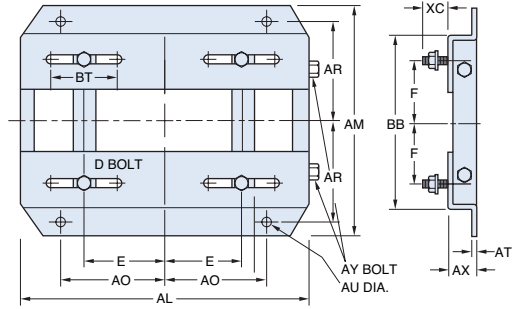
### ADJUSTABLE MOTOR BASES—NEMA 48-447T FRAMES

Heavy gauge steel mounting bases simplify the installation of motors and make the tensioning, maintenance and replacement of belts a simple efficient task. Fabricated from sheet or steel plate, then primed and finished in a gray rust and corrosion resistant oven-baked finish. Gussets and

reinforcing channels on larger units and continuous welding on all units give these bases strength and durability for a long life. A single (215T frame and smaller) or double (NEMA 254T frame and larger) zinc plated adjusting screw is provided. Motor mounting bolts are included.



**NEMA 48 thru 215T (-00)**



**NEMA 213T thru 447T (-02)**

Frame	Catalogue Number	List Price	Disc. Sym.	AL	AM	AX	BB	E	F	AO	AR	AU**	BT	AT	XC	D* Bolt	AY Bolt	App. Wgt. (lbs.)
56	410056-00	\$29	A	10 <sup>5</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>2</sub>	2 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>13</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>8</sub>	3 <sup>5</sup> / <sub>8</sub>	3	.078	7 <sup>8</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub> x1	3 <sup>5</sup> / <sub>8</sub> x4	3
143T	410143-00	31	A	10 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>4</sub>	2	3 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>8</sub>	3 <sup>5</sup> / <sub>8</sub>	3	.119	1 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub> x1	3 <sup>5</sup> / <sub>8</sub> x4	5
145T	410145-00	31	A	10 <sup>1</sup> / <sub>2</sub>	8 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>8</sub>	3 <sup>5</sup> / <sub>8</sub>	3	.119	1 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub> x1	3 <sup>5</sup> / <sub>8</sub> x4	6
182T	410182-00+	39	A	12 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	3	.134	1 <sup>1</sup> / <sub>2</sub>	3 <sup>5</sup> / <sub>8</sub> x1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub> x5	9
182T	410182-02	52	A	12 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	3	.134	1 <sup>1</sup> / <sub>2</sub>	3 <sup>5</sup> / <sub>8</sub> x1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub> x5	10
184T	410184-00+	39	A	12 <sup>3</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	3	.134	1 <sup>1</sup> / <sub>2</sub>	3 <sup>5</sup> / <sub>8</sub> x1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub> x5	9
184T	410184-02	52	A	12 <sup>3</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	3	.134	1 <sup>1</sup> / <sub>2</sub>	3 <sup>5</sup> / <sub>8</sub> x1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub> x5	10
213T	410213-00+	51	A	15	11	1 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>2</sub>	.164	1 <sup>1</sup> / <sub>2</sub>	3 <sup>5</sup> / <sub>8</sub> x1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub> x5	13
213T	410213-02	64	A	15	11	1 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>2</sub>	.164	1 <sup>1</sup> / <sub>2</sub>	3 <sup>5</sup> / <sub>8</sub> x1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub> x5	15
215T	410215-00+	51	A	15	12 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	9	4 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>2</sub>	.164	1 <sup>1</sup> / <sub>2</sub>	3 <sup>5</sup> / <sub>8</sub> x1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub> x5	15
215T	410215-02	64	A	15	12 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	9	4 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>2</sub>	.164	1 <sup>1</sup> / <sub>2</sub>	3 <sup>5</sup> / <sub>8</sub> x1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub> x5	17
254T	410254-02	81	A	17 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>8</sub>	2	10 <sup>3</sup> / <sub>4</sub>	5	4 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>4</sub>	6 <sup>5</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>	4	3 <sup>1</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub> x1 <sup>3</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>8</sub> x6	17
256T	410256-02	81	A	17 <sup>3</sup> / <sub>4</sub>	16 <sup>7</sup> / <sub>8</sub>	2	12 <sup>1</sup> / <sub>2</sub>	5	5	6 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>2</sub>	5 <sup>5</sup> / <sub>8</sub>	4	3 <sup>1</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub> x1 <sup>3</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>8</sub> x6	18
284T	410284-02	90	A	19 <sup>3</sup> / <sub>4</sub>	16 <sup>7</sup> / <sub>8</sub>	2	12 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>4</sub>	7	7 <sup>1</sup> / <sub>2</sub>	5 <sup>5</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>16</sub>	1 <sup>11</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub> x2	5 <sup>5</sup> / <sub>8</sub> x6	21
286T	410286-02	90	A	19 <sup>3</sup> / <sub>4</sub>	18 <sup>3</sup> / <sub>8</sub>	2	14	5 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>2</sub>	7	8 <sup>1</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>16</sub>	1 <sup>11</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub> x2	5 <sup>5</sup> / <sub>8</sub> x6	22
324T	410324-02	117	A	22 <sup>3</sup> / <sub>4</sub>	19 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	14	6 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>	8	8 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub> x2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub> x9	31
326T	410326-02	117	A	22 <sup>3</sup> / <sub>4</sub>	20 <sup>3</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	15 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>4</sub>	6	8	9 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub> x2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub> x9	32
364T	410364-02	149	A	25 <sup>1</sup> / <sub>2</sub>	20 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	15 <sup>1</sup> / <sub>2</sub>	7	5 <sup>5</sup> / <sub>8</sub>	9	9 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>	6	1 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub> x2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub> x9	44
365T	410365-02	149	A	25 <sup>1</sup> / <sub>2</sub>	21 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	16 <sup>1</sup> / <sub>2</sub>	7	6 <sup>1</sup> / <sub>8</sub>	9	9 <sup>5</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>	6	1 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub> x2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub> x9	45
404T	410404-02	225	A	28 <sup>3</sup> / <sub>4</sub>	22 <sup>3</sup> / <sub>8</sub>	3	16 <sup>1</sup> / <sub>2</sub>	8	6 <sup>1</sup> / <sub>8</sub>	10	9 <sup>7</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	7	1 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub> x3	3 <sup>3</sup> / <sub>4</sub> x11	60
405T	410405-02	225	A	28 <sup>3</sup> / <sub>4</sub>	23 <sup>7</sup> / <sub>8</sub>	3	18	8	6 <sup>7</sup> / <sub>8</sub>	10	10 <sup>5</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	7	1 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub> x3	3 <sup>3</sup> / <sub>4</sub> x11	61
444T	410444-02	278	A	31 <sup>1</sup> / <sub>4</sub>	24 <sup>5</sup> / <sub>8</sub>	3	19 <sup>1</sup> / <sub>4</sub>	9	7 <sup>1</sup> / <sub>4</sub>	11	11	7 <sup>5</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub> x3	3 <sup>3</sup> / <sub>4</sub> x11	68
445T	410445-02	278	A	31 <sup>1</sup> / <sub>4</sub>	26 <sup>3</sup> / <sub>8</sub>	3	21 <sup>1</sup> / <sub>4</sub>	9	8 <sup>1</sup> / <sub>4</sub>	11	12	7 <sup>5</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub> x3	3 <sup>3</sup> / <sub>4</sub> x11	73
447T	410447-02	359	A	31 <sup>1</sup> / <sub>4</sub>	30 <sup>1</sup> / <sub>8</sub>	3	24 <sup>3</sup> / <sub>4</sub>	9	10	11	13 <sup>3</sup> / <sub>4</sub>	7 <sup>5</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>16</sub>	3	3 <sup>3</sup> / <sub>4</sub> x3 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub> x14	89

**NOTE: These bases are not suitable for vertical mounting. All dimensions in inches.**

\* Motor mounting bolts diameter and length, four supplied with each base.  
 \*\*Base mounting bolts, four required—not supplied with base.  
 + Also available with double adjustment

**Other base types and arrangements are available - please contact LEESON.**

### TRANSITION BASES

Transition bases compensate for the difference in mounting dimensions and shaft height of a rigid base NEMA T frame to the next higher NEMA U frame. This makes it possible, for example, to replace a 10 HP NEMA 254U frame motor with a 10 HP NEMA 215T frame motor without modifying the basic installation. Made of the same high-quality materials

and construction as the adjustable motor bases above. They are for horizontal mountings, shimming may be needed for direct coupled loads. Thread size listed is for mounting transition base to the "T" frame motor. Dimensions listed are for one piece—two are supplied, one for each side of the motor's foot.



Converts T Frame	To U Number	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Height (in.)	Width (in.)	Length (in.)	Thread
143T/145T	182/184	411814	\$23	A	2	1	2 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>16</sub> -18
182T/184T	213/215	412118	36	A	3	3 <sup>4</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	3 <sup>8</sup> / <sub>16</sub> -16
213T/215T	254U/256U	412521	43	A	5	1	2 <sup>7</sup> / <sub>16</sub>	12 <sup>3</sup> / <sub>4</sub>	3 <sup>8</sup> / <sub>16</sub> -16
254T/256T	284U/286U	412825	57	A	8	3 <sup>4</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>4</sub>	1 <sup>2</sup> / <sub>2</sub> -13
284T/286T	324U/326U	413228	79	A	10	1	3 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	1 <sup>2</sup> / <sub>2</sub> -13
324T/326T	364U/365U	413632	101	A	13	1	3 <sup>11</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	5 <sup>8</sup> / <sub>11</sub> -11
364T/365T	404U/405U	414036	137	A	22	1	4 <sup>1</sup> / <sub>4</sub>	18 <sup>5</sup> / <sub>8</sub>	5 <sup>8</sup> / <sub>11</sub> -11
404T/405T	444U/445U	414440	172	A	24	1	4 <sup>1</sup> / <sub>4</sub>	21 <sup>5</sup> / <sub>8</sub>	3 <sup>4</sup> / <sub>4</sub> -10

Accessories