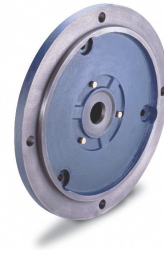


Accessories / Kits

NEMA D Flange Kits - LEESON Motors Only



Motor Accessories - Field Installed 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 Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
143T-145T	Enclosed	163115.60	145	6	
182T-184T	Open / Enclosed	175694.00	282	12	D
	Enclosed	175658.60	299	12	G
	Enclosed	175807.60	299	14	
213T-215T	Open	175114.60	441	14	
	Enclosed	175115.60	441	14	G
	Enclosed	175959.60	441	14	
254T-256T	Open	175116.60	565	25	
	Enclosed	175192.60	565	25	
284T-286T	Open	175118.60	675	42	
	Enclosed	175119.60	675	52	
324T-326T	Open	175120.60	865	57	G
	Enclosed	175121.60	865	57	
	Open	175455.60	1,171	57	
364T-365T	Open	175955.60	1,020	72	
	Enclosed	175657.60	1,020	72	
	Open	175602.60	1,273	72	
	Enclosed	175604.60	1,273	72	
404T-405T	Open 4 & 6-pole	175956.60	1,416	90	I
	Enclosed	175957.60	1,416	90	
444T-445T	Open 4 & 6-pole	175607.60	1,640	106	I
	Enclosed 4 & 6-pole	175608.60	1,640	106	I

Green items Are For Premium Efficient Motors Only

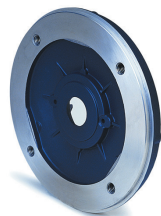
Shaded frames are for Cast Iron Motors

Specifications are subject to change without notice

♥ Notes:

- D Use this kit for 182-4T and S213T motors with catalog numbers 131454.00 and higher, or with a G prefix.
- G Not for use with Premium efficient motors
- I For use with 1200 and 1800 RPM motors only.





Motor Accessories - Field Installed
LEESON - 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 Catalog Numbers 092000–140999

Frame	Enclosure	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
42	Open / Enclosed	175661.00	59	2	
48	Open / Enclosed	175969.00	59	2	A
		175646.00	59	2	B
S56	Open	175000.00	59	2	
	Enclosed	175180.00	59	2	
	Open / Enclosed	175297.00	59	2	A
	Open / Enclosed	175647.00	59	2	B
56	Open	175075.00	70	2	
	Enclosed	175076.00	70	2	
56	Enclosed	LM24808	70	2	G
	Enclosed	LM24810	70	2	H
143T-145T	Open	175181.00	70	2	
	Enclosed	175077.00	70	2	
182T-184T	Open / Enclosed	175691.00	84	3	D
182T-184T Special	Open / Enclosed	175294.00	84	5	E
S213T	Open / Enclosed	175693.00	160	2	D
213T-215T	Open	175845.00	160	19	
(1750, 1140, & 850 RPM)	Enclosed	175844.00	160	15	
213T-215T	ODP	175303.00	150	15	F
(3450 RPM)	Enclosed	175304.00	150	15	F

Specifications are subject to change without notice

- 1) When changing a rigid mount motor to C Face motor, a non-NEMA BA dimension may result.
- 2) Some larger HP 56-frame motors have larger shaft-end bearings and require a 143T-145T C Face kit.

♥ Notes:

- A For use with motors having "K" or "P" suffix on date code.
- B For motors manufactured after January 1, 2007, having a "B" suffix letter after the motor's date code.
- D Use this kit for 182-4T and S213T motors with catalog numbers 131454 and higher, or with a G prefix.
- E Converts a 182T-184T frame motor to the C-face dimensions of a 143T-145T or 182U184U frame motor –
- F For use with 213T-215T 3600 RPM motors only.
- G For use with new Industrial AG motors that start with "17"
- H For use with 56HZ Industrial AG motor 117867.00



Accessories / Kits

NEMA C Face Kits

Motor Accessories - Field Installed

Lincoln - Steel Frame Motors

Models - SREW, SSEW, SRD, SSD, SRF, SSF, SF

Frame	SYN RPM	Enclosure	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
56	All	SREW, SRD	LM24631	70	2	1
56	All	SREW, SRD	LM24807	70	2	2
56	All	SRF	LM24808	70	2	1
56	All	SRF	LM24810	70	2	2
143T-145T	All	SSEW, SSD	LM24807	70	2	2
143T-145T	All	SSF	LM24810	70	2	2
182T-184T	All	SSF	LM25736	135	12	
182T-184T	All	SSEW, SRD, SSF	175691.00	84	3	4
213T-215T	All	SSEW, SSD	LM25737	159	15	
213T-215T	All	SSF	LM25738	159	12	
254T-256T	All	SSD	LM25740	204	13	
284T/TS-286T/TS	2 & 6-Pole	SD	LM24062	380	20	3
324T/TS-326T/TS	All	SD	LM24063	494	47	
324T/TS-326T/TS	All	SF	LM24057	549	33	
364T/TS-365T/TS	All	SD	LM24064	828	53	
404T/TS-405T/TS	All	SD	LM24065	1090	55	
404T/TS-405T/TS	All	SF	LM24059	1090	53	
444T/TS-445T/TS	3600	SD	LM24066	1190	80	
444T/TS-445T/TS	1200 & 1800	SD	LM24067	1190	88	
444T/TS-449T/TS	3600	SF	LM24060	1318	98	
444T/TS-449T/TS	1800 & 1200	SF	LM24061	1318	98	
447T/TS-449T/TS	3600	SD	LM24068	1318	98	
447T/TS-449T/TS	1200 & 1800	SD	LM24069	1318	98	

Specifications are subject to change without notice

When changing a rigid mount motor to C Face motor, a non-NEMA BA dimension may result.

♥ Notes:

- 1 - 56 frames with 203 drive end bearing
- 2 - 56 & 143/5T frame motors with a 205 drive end bearing
- 3 - For 2-Pole and 6-Pole motors
- 4 - Motors built having the letter "M" after the date code



Motor Accessories - Field Installed LEESON - Ultimate E 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.
LEESON Ultimate E "199" Series Cast Iron and Rolled Steel Motors

Frame	Enclosure	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
182T-184T	TEFC	176024.00	191	14	A
182T-184T	ODP	176064.00	81	14	A
213T-215T	TEFC	176025.00	191	22	A
213T-215T	ODP	176065.00	128	22	A
254TS-256TS	TEFC	176026.00	292	32	B
254T-256T	TEFC	176027.00	292	32	C
254TS-256TS	ODP	176066.00	263	32	B
254T-256T	ODP	176067.00	263	32	C
284TS-286TS	TEFC	176028.00	405	38	B
284T-286T	TEFC	176029.00	405	38	C
284TS-286TS	ODP	176068.00	407	38	B
284T-286T	ODP	176069.00	407	38	C
324TS-326TS	TEFC	176030.00	525	45	B
324T-326T	TEFC	176031.00	525	45	C
324TS-326TS	ODP	176070.00	525	45	B
324T-326T	ODP	176071.00	525	45	C
364TS-365TS	TEFC	176032.00	717	85	B
364T-365T	TEFC	176033.00	717	85	C
364TS-365TS	ODP	176072.00	706	85	B
364T-365T	ODP	176073.00	706	85	C
404TS-405TS	TEFC	176034.00	903	175	B
404T-405T	TEFC	176035.00	903	175	C
404TS-405TS	ODP	176074.00	654	95	B
404T-405T	ODP	176075.00	654	95	C
444TS-445TS	TEFC	176036.00	1,263	225	B
444T-445T	TEFC	176037.00	1,263	225	C
444TS-445TS	ODP	176076.00	1,146	140	B
444T-445T	ODP	176077.00	1,193	140	C
447TS	TEFC	176038.00	1,397	250	B
447T-449T	TEFC	176039.00	1,397	225	C

Specifications are subject to change without notice

When changing a rigid mount motor to C Face motor, a non-NEMA BA dimension may result.

♥ Notes:

A - All Poles

B - 2-pole only

C - 4 & 6-pole only



Accessories / Kits

NEMA C Face Kits

Motor Accessories - Field Installed

LEESON - 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, G150 and 170 Series Cast Iron Motors Only

Frame	Enclosure	Catalog Number	List Price	♥ Notes
143T-145T	Enclosed	163116.60	145	
182T-184T	Enclosed	175805.60	191	
182T-184T	Enclosed	175804.60	191	E
213T-215T	Open	175066.60	191	
	Enclosed	175068.60	191	G
	Enclosed	175869.60	191	
254T-256T	Open	175067.60	292	
	Enclosed	175191.60	292	
284T/TS-286T/TS	Open	175058.60	405	
	Enclosed	175061.60	405	
324T/TS-326T/TS	Open	175059.60	525	G
	Open	175454.60	525	
	Enclosed	175062.60	525	
364T/TS-365T/TS	Open	175060.60	878	
	Enclosed	175063.60	878	
	Open	175601.60	878	H
	Enclosed	175603.60	878	H
404T/TS-405T/TS	Open	175605.60	1,154	
	Enclosed	175199.60	1,154	
444T/TS-445T/TS	Open	175606.60	1,263	
	Enclosed	175664.60	1,263	
447T/TS-449T	Enclosed 4 & 6-pole	175958.60	1,397	
	Enclosed 2-pole	176004.60	1,360	

Green items Are For Premium Efficient Motors Only

Specifications are subject to change without notice

When changing a rigid mount motor to C Face motor, a non-NEMA BA dimension may result.

♥ Notes:

E - For use to replace the C-Face on a 182/184TC frame motor only

G - Not for use with Premium efficient motors

H - For 364T/TS -365T/TS frame motors built 2007 and later



IEEE-841 Motors C Face Kits

Frame	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
145T	175787.00	201	7	
182T-184T	175788.00	300	10	
213T-215T	175789.00	359	16	
254T-256T	175790.00	425	35	
284T/TS-286T/TS	175791.00	555	47	
324T/TS-326T/TS	175794.00	642	89	
364T-365T	175795.00	1,011	95	
364TS-365TS	175796.00	886	91	
404T-405T	175797.00	1,129	129	
444T-445T	176056.00	1,944	175	Model #s containing THFS
444TS-445TS	176057.00	1,944	108	Model #s containing TSHFS
444T-445T	176058.00	1,944	201	Model #s containing THFN
444TS-445TS	176059.00	1,944	199	Model #s containing TSHFN

When changing a rigid mount motor to C Face motor, a non-NEMA BA dimension may result.
Specifications are subject to change without notice

Motor Accessories - Field Installed

Lincoln - Cast Iron Frame Motors

Frame	SYN RPM	Enclosure	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
143T	All	CCN, CCF, CCS	LM24811	70	7	
145T	All	CCN, CCF, CCS	LM24815	83	7	
182T-184T	All	CCF, CCS	LM25736	135	12	
182T-184T	All	CCF	175805.60	191	12	5
213T-215T	All	CCF, CCS	LM25739	159	20	
213T-215T	All	CCF	175869.60	191	15	5
254T-256T	All	CCF, CCS	LM27681	274	36	
254T-256T	All	CCD	LM31014	204	15	
254T-256T	All	CCF	175191.60	292	25	5
284T-286T	All	CCF, CCS	LM27576	380	42	
284T/TS-286T/TS	All	CCD	LM31019	380	35	
284T/TS-286T/TS	All	CCF	175061.60	405	42	5
324T/TS-326T/TS, 324U/US-326U/US	All	CCF, CCS	LM28624	549	78	
324T/TS-326T/TS	All	CCF	175062.60	525	57	5
364T-365T	All	CCF, CCS	LM32284	828	78	
364T/TS-365T/TS	All	CCF	175603.60	878	75	5
364TS-365TS	All	CCF, CCS	LM32285	870	78	
364U-365U	All	CCF, CCS	LM32286	870	78	
404T-405T, 404U-405U	All	CCF, CCS	LM28501	1,090	85	
404TS-405TS	All	CCF, CCS	LM32288	1,145	85	
404T/TS-405T/TS	All	CCF	175199.60	1,154	60	5
444T-445T	All	CCF, CCS	LM32290	1,181	96	
444TS-445TS	All	CCF, CCS	LM32291	1,181	96	
444T/TS-445T/TS	All	CCF	175664.60	1,263	115	
447T-449T	All	CCF, CCS	LM32292	1,305	98	
447T-449T	1800 & 1200	CCF, CCS	LM32293	1,305	98	
447T-449T	1800 & 1200	CCF	175958.60	1,397	112	5
447TS-449TS	3600	CCF	176004.60	1,397	112	5

Green items Are For Premium Efficient Motors Only

Specifications are subject to change without notice

When changing a rigid mount motor to C Face motor, a non-NEMA BA dimension may result.

♥ Notes

5 For Lincoln CI motors that start with LM6 and model numbers ending with AP21



Accessories / Kits

NEMA C Face Kits

Motor Accessories - Field Installed

Lincoln - Aluminum Frame Motors

Frame	SYN RPM	Enclosure	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
182T-184T	All	AAF	LM26679	159	10	
182T-184T	All	AAF	175691.00	84	10	6
213T-215T	All	AAF	LM30146	185	15	
254T-256T	All	AF/AAF	LM30147	274	26	
284T/TS-286T/TS	All	AF/AAF	LM20116	380	28	

Specifications are subject to change without notice

NOTE: When changing a rigid mount motor to C Face motor, a non-NEMA BA dimension may result.

♥Notes

6 For Lincoln AL motors where the model numbers end with AP26

Kits and Accessories

Rodent Screen Kits

Frame	Enclosure	Catalog Number	List Price	App. Wgt. (lbs.)
182T-184T	Open	175872.00	138	1
213T-215T	Open	175871.00	248	1
254T-256T	Open	175873.00	356	2
284T-286T	Open	175874.00	356	3
324T	Open	175894.00	835	5
326T	Open	175875.00	835	4

Shaded frames are for Cast Iron Motors

Specifications are subject to change without notice

Chemical Service/

Severe Duty Conversion Kits

Wattsaver^e



For use with LEESON Cast Iron **Wattsaver^e** motors and "G15" Series motors.

Cast iron fan covers for 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.

NEMA Frame	IEC Frame	Catalog Number	List Price	App. Wgt. (lbs.)
182T-184T	---	175663.60	226	10
213T-215T	---	175050.60	329	12
254T-256T	160	175051.60	442	18
284T-286T	180	175052.60	772	22
324T-326T	200	175053.60	806	29
364T-365T	225	175054.60	1204	39
404T-405T	250	175055.60	1311	49
444T-445T	280	175056.60	1485	59
447T-449T	---	175891.60	1485	112

Specifications are subject to change without notice





Accessories / Kits

Drip-Cover Kits

For Drip-Proof Motors - LEESON Motors Only

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

NEMA Frame	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
48-S56	175003.00	55	2	
	175298.00	55	2	A
56	175004.00	64	2	
143T-145T	175792.00	64	2	A
182T-184T	175614.00	80	3	
	175961.00	74	3	
213T-215T	175846.00	113	12	
	175305.00	113	12	F
213T-215T	175962.00	113	4	
254T-256T	175963.00	144	7	

Shaded frames are for Cast Iron Motors

Specifications are subject to change without notice

♥Notes

A For use with motors having "K" or "P" suffix on date code

F For use with 213T-215T 3600 RPM motors only

Lint-Cover / Drip-Cover Kit For TEFC Motors - LEESON Motors Only

NEMA Frame	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
56-143T-145T	175024.00	99	2	
	175778.00	99	2	J
182T-184T	175695.00	191	3	D
213T-215T	175849.00	113	12	K

For Steel Frame Motors Only

Specifications are subject to change without notice

♥Notes

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

J For motors having face mounted fan guard

K For use with 1800 RPM motors only



Lint-Cover / Drip-Cover Kit For Cast Iron - TEFC Motors - LEESON Motors Only

Wattsaver and "G15" Series Motors

NEMA Frame	Catalog Number	List Price	Add. Motor Length (inches)
TEFC 210 frame	176044.60	169	2.0
TEFC 250 frame	176045.60	241	2.0
TEFC 280 frame	176046.60	325	2.0
326T - 2-pole	176053.60	443	2.2
TEFC 320 frame 4 & 6-pole	176047.60	443	2.2
TEFC 360 frame (small stator)	176048.60	538	2.4
TEFC 360 frame (Motors built after 2007)	176049.60	721	2.8
TEFC 400 frame	176050.60	721	2.8
TEFC 440 frame 2-pole	176051.60	819	3.2
440 - 4 & 6-pole	176054.60	819	3.2
TEFC 447/9 frame 2 pole	176052.60	881	3.6
447/9T - 4 & 6-pole	176055.60	881	3.6

For use with Catalog numbers that begin with "17" or "G15."

Specifications are subject to change without notice



Accessories / Kits

JP Pump Drip Cover Kits

NEMA Frame	Enclosure	Catalog Number	List Price	♥ Notes
56-145JP	ODP or TEFC	175932.00	35	
182JP-184JP	ODP	175933.00	39	
213JP-215JP	ODP	175305.00	113	L

Specifications are subject to change without notice

♥Notes:

L For use with 213T-215T (213JP-215JP) 3600 RPM motors only

Motor Accessories - Blower Fan Kits Field Installed LEESON Motors Only



These kits are used for converting LEESON 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.

For use with Rolled Steel TEFC Motors only

Blower Voltage	Blower Motor Phase	NEMA Frame	Catalog Number	List Price	CFM	App. Wt. (lbs.)
115	1	56-145T	175775.00^	867	115	4
115	1	182-4T	175895.00	972	115	4
115	1	213-5T	175896.00	1015	235	5

^ For 56/145T motors having face mounted (plastic) fan guards.

Specifications are subject to change without notice

For use with 150, G150 & 170 Series Cast Iron TEFC Motors only

Blower Voltage	Blower Motor Phase	NEMA Frame	Catalog Number	List Price	CFM	App. Wt. (lbs.)
115	1	182-4T	175674.00	972	260	10
115	1	213-5T	175675.00	1,015	260	11
115	1	254-6T	175676.00	1,090	260	17
115	1	284-6T	175677.00	1,309	500	24
115	1	324-6T	175678.00	1,396	500	28
230/460	3	360T	175879.00	2,897	500	35
230/460	3	360T	176002.00 ♦	3,215	500	35
230/460	3	400T	175880.00	3,215	500	45
230/460	3	444T/445T	175558.00	3,679	500	55

♦ Use with 360T frame motors built 2007 and later

Specifications are subject to change without notice





Accessories / Kits

Encoder Kits - LEESON Motors Only

Specifications:

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.

Features:

- Output is 1024 pulses per revolution
- 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.
- Short circuit protection
- Isolated from shaft currents
- Shock resistant code disks
- Use with blower kits to protect and cool motors

For use with rolled steel, TEFC motors only

NEMA Frame	Catalog Number	List Price
56-145T	175960.00	1,218
182-4T	175897.00	1,764
213-5T	175898.00	1,764

Specifications are subject to change without notice

For use with 150, G150 & 170 series
cast iron TEFC motors only

NEMA Frame	Catalog Number	List Price
182-4T	175684.00	1,511
213-5T	175685.00	1,511
254-6T	175686.00	2,439
284-6T	175687.00	2,439
320T	175641.00	2,487
360T	175642.00	2,487
400T	175643.00	2,487
440T (2 pole)	175644.00	2,487
440T (4/6 pole)	175645.00	2,487

Specifications are subject to change without notice

For use with LEESON Speedmaster® 2000:1, 810000 series inverter duty motors only

Encoder Description	Enclosure	Frame	Brand / Mod	PPR	Catalog Number	List Price
Modular Mount, 5-15 VDC, with EPIC connector	TENV	143-256T	Northstar SL56	1024	E175927.00	3406
Shaft Mount, 5-26 VDC, with 10 pin connector	TENV	143-256T	Dynapar HS35	1024	E175928.00	2188
Shaft Mount, 5-26 VDC, with 10 pin connector	TENV	143-256T	BEI HS35	1024	E175929.00	2188
Shaft Mount, 5-26 VDC, with 10 pin connector	TENV	143-256T	Dynapar HS35	2048	E175930.00	2188
Shaft Mount, 5-26 VDC, with 10 pin connector	TENV	143-256T	BEI HS35	2048	E175931.00	2188
Modular Mount, 5-15 VDC (Encoder Conduit Box Required)	TEBC	284-449T	Northstar SL56	1024	E175921.00	3406
Shaft Mount, 5-26 VDC (Encoder Conduit Box Required)	TEBC	284-449T	Dynapar HS35	1024	E175922.00	2188
Shaft Mount, 5-26 VDC (Encoder Conduit Box Required)	TEBC	284-449T	BEI HS35	1024	E175923.00	2188
Shaft Mount, 5-26 VDC (Encoder Conduit Box Required)	TEBC	284-449T	Dynapar HS35	2048	E175924.00	2188
Shaft Mount, 5-26 VDC (Encoder Conduit Box Required)	TEBC	284-449T	BEI HS35	2048	E175925.00	2188
Conduit Box Required for all TEBC Units	—	—	—	—	ECB175926.00	243

Specifications are subject to change without notice



Accessories / Kits

Terminal Block Kits



Terminal block kits for 150 and 170 Series NEMA Frame Cast Iron motors. Can also be used for replacement on 193 Series Cast Iron and 192 Series aluminum IEC metric motors.

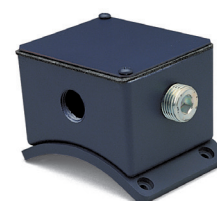
NEMA Frame	IEC Frame	Catalog Number	List Price	App. Wgt. (lbs.)
—	63-90L	175881.00≠	18	1
180/210T	100/112/132	175668.60	39	2
250/280T	160/180	175667.60	43	3
320/360T	200/225	175666.60	66	4
400/440T	250/280	175665.60	102	5

≠ Replacement terminal board for Aluminum frame IEC motors.

Specifications are subject to change without notice

Accessories / Kits

Die Cast Aluminum Conduit Box Conversion Kit LEESON Motors Only



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	Catalog Number	List Price	App. Wgt. (lbs.)
56-140T	175892.00	81	2
182-4T	175649.00	98	2
213-5T	175847.00	118	11

Specifications are subject to change without notice

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. Box number 175755.00 has a 1" NPT thread.

Catalog Number	List Price	App. Wgt. (lbs.)
175026.00	110	2
175755.00 (1)	110	2

(1) For motors having a letter P after the date code.

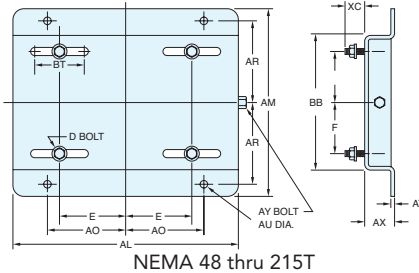
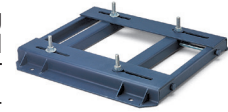
Specifications are subject to change without notice



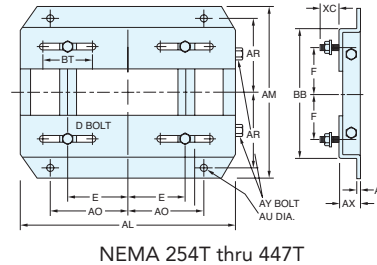
Adjustable Motor Bases - NEMA 48-447T Frames

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 seam 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. Adjustable motor bases are designed to mount to your existing motor's base.



NEMA 48 thru 215T



NEMA 254T thru 447T

Frame	List Price	Catalog Number	AL	AM	AX	BB	E	F	AO	AR	AU**	BT	AT	XC	D* Bolt	AY Bolt	App. Wgt. (lbs.)
48	83	175032.00	10	6 1/4	1 1/8	4 1/4	2 1/8	1 3/8	3 1/2	2 3/4	3/8	3.00	0.08	7/8	5/16 x 1	3/8 x 4	2
56	83	175033.00	10 5/8	6 1/2	1 1/8	4 1/2	2 7/16	1 1/2	3 1/16	2 7/8	3/8	3.00	0.08	7/8	5/16 x 1	3/8 x 4	3
143T	99	175034.00	10 1/2	7 1/2	1 1/8	5 1/2	2 3/4	2	3 3/4	3 3/8	3/8	3.00	0.12	1 1/16	5/16 x 1	3/8 x 4	5
145T	99	175035.00	10 1/2	8 1/2	1 1/8	6 1/2	2 3/4	2 1/2	3 3/4	3 7/8	3/8	3.00	0.12	1 3/16	5/16 x 1	3/8 x 4	6
182T	128	175036.00	12 3/4	9 1/2	1 1/2	6 1/2	3 3/4	2 1/4	4 1/2	4 1/4	1/2	3.00	0.13	1 1/2	3/8 x 1 1/4	1/2 x 5	9
184T	128	175037.00	12 3/4	10 1/2	1 1/2	7 1/2	3 3/4	2 3/4	4 1/2	4 3/4	1/2	3.00	0.13	1 1/2	3/8 x 1 1/4	1/2 x 5	9
213T	158	175038.00	15	11	1 3/4	7 1/2	4 1/4	2 3/4	5 1/4	4 3/4	1/2	3 1/2	0.16	1 1/2	3/8 x 1 1/4	1/2 x 5	13
215T	158	175039.00	15	12 1/2	1 3/4	9	4 1/4	3 1/2	5 1/4	5 1/2	1/2	3 1/2	0.16	1 1/2	3/8 x 1 1/4	1/2 x 5	15
254T	241	175040.00	17 3/4	15 1/8	2	10 3/4	5	4 1/8	6 1/4	6 3/8	5/8	4.00	3/16	1 7/16	1/2 x 1 1/4	5/8 x 6	17
256T	241	175041.00	17 3/4	16 3/8	2	12 1/2	5	5	6 1/4	7 1/2	5/8	4.00	3/16	1 7/16	1/2 x 1 1/4	5/8 x 6	18
284T	262	175042.00	19 3/4	16 3/8	2	12 1/2	5 1/2	4 3/4	7	7 1/2	5/8	4 1/2	3/16	1 11/16	1/2 x 2	5/8 x 6	21
286T	262	175043.00	19 3/4	18 3/8	2	14	5 1/2	5 1/2	7	8 1/4	5/8	4 1/2	3/16	1 11/16	1/2 x 2	5/8 x 6	22
324T	346	175044.00	22 3/4	19 1/4	2 1/2	14	6 1/4	5 1/4	8	8 1/2	3/4	5 1/4	3/16	2 1/16	5/8 x 2 1/2	3/4 x 9	31
326T	346	175045.00	22 3/4	20 3/4	2 1/2	15 1/2	6 1/4	6	8	9 1/4	3/4	5 1/4	3/16	2 1/16	5/8 x 2 1/2	3/4 x 9	32
364T	456	175046.00	25 1/2	20 1/2	2 1/2	15 1/2	7	5 3/8	9	9 3/8	3/4	6.00	1/4	2 1/16	5/8 x 2 1/2	3/4 x 9	44
365T	456	175047.00	25 1/2	21 1/2	2 1/2	16 1/2	7	6 1/8	9	9 3/8	3/4	6.00	1/4	2 1/16	5/8 x 2 1/2	3/4 x 9	45
404T	820	175048.00	28 3/4	22 3/8	3	16 1/2	8	6 1/8	10	9 7/8	7/8	7.00	1/4	2 1/2	3/4 x 3	3/4 x 11	60
405T	820	175049.00	28 3/4	23 3/8	3	18	8	6 1/8	10	10 3/8	7/8	7.00	1/4	2 1/2	3/4 x 3	3/4 x 11	61
444T	1015	175088.00	31 1/4	24 3/8	3	19 1/4	9	7 1/4	11	11.0	7/8	7 1/2	1/4	2 1/2	3/4 x 3	3/4 x 11	68
445T	1015	175089.00	31 1/4	26 3/8	3	21 1/4	9	8 1/4	11	12.0	7/8	7 1/2	1/4	2 1/2	3/4 x 3	3/4 x 11	73
447T	1119	175090.00	31 1/4	30 1/8	3	24 3/4	9	10	11	13 3/4	7/8	7 1/2	5/16	3	3/4 x 3 1/2	3/4 x 11	92
449T	1119	175302.00	31 1/4	35 1/8	3	29 3/4	9	12 1/2	11	16 1/4	7/8	7 1/2	5/16	3	3/4 x 3 1/2	3/4 x 11	95

* Motor mounting bolt diameter and length, four supplied with each base.

** Base mounting bolts, four required—not supplied with base.

Specifications are subject to change without notice

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

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 Frame	Catalog Number	List Price	App. Wgt. (lbs.)	Height (Inches)	Width (Inches)	Length (Inches)	Thread
143T/145T	182/184	175091.00	84	2	1	2 1/4	7 1/2	5/16-18
182T/184T	213/215	175092.00	122	3	3/4	1 3/4	9 1/2	3/8-16
213T/215T	254U/256U	175093.00	144	5	1	2 7/16	12 3/4	3/8-16
254T/256T	284U/286U	175094.00	202	8	3/4	2 3/4	14 1/4	1/2-13
284T/286T	324U/326U	175095.00	269	10	1	3 1/4	15 3/4	1/2-13
324T/326T	364U/365U	175097.00	341	13	1	3 1/16	16 1/2	5/8-11
364T/365T	404U/405U	175098.00	456	22	1	4 1/4	18 5/8	5/8-11
404T/405T	444U/445U	175127.00	583	24	1	4 1/4	21 5/8	3/4-10

Specifications are subject to change without notice



Accessories / Kits

CE Field Conversion Kits Lincoln Motors Only

Three Phase Motors Only

Model Numbers Beginning With:	Model Efficiency Code(s)	Frame Size	Catalog Number	List Price	App. Wgt. (lbs.)	♥ Notes
SD & SSD	P, B	143T-184T	LM22093	208	2	
		213T-215T	LM22188	208	2	
		254T-256T	LM25632	208	2	
		284T-326T	LM12429	229	2	2
		364T-365T	LM12430	690	2	1
		404T-405T	LM12454	1,114	35	1
		444T-445T	LM12463	1,441	40	1
		447T-449T	LM12479	1,441	40	1
AF & SF (also includes AB, AN & SB)	S, H	143T-145T	LM08476	208	2	
		182T-184T	LM08478	208	2	
		213T-215T	LM08582	301	2	
		254T-256T	LM08664	301	5	
		284T-286T	LM08665	301	2	3
		324T-326T	LM08709	301	2	3
		364T-365T	LM08720	343	2	3
		404T-405T	LM08738	343	2	3
AF, AAF & SSF	S,P,B	444T-445T	LM08827	1,033	40	1, 3
		143T-145T	LM18872	163	2	
AF & SF	P, B	182T-184T	LM18873	208	2	
		213T-215T	LM18874	208	1	
		254T-256T	LM18875	208	2	
		284T-286T	LM18876	301	1	
		324T-326T	LM18866	301	3	
		364T-365T	LM18868	758	35	1
		404T-405T	LM18869	343	3	
		444T-445T	LM18870	457	4	
CS, CCF & CCS (excludes those motors with NN in NOTES column)	P, B	447T-449T	LM18871	1,246	40	1
		143T-184T	LM18864	208	2	
		213T-256T	LM18865	208	2	
		284T-326T	LM18866	301	3	
		364T-405T	LM18867	343	3	
		444T-445T	LM18870	457	4	
		447T-449T	LM18871	1,246	40	1, 2
MD & SE	S	284T-286T	LM12429	229	2	
		324T-365T	LM16572	294	2	
		404T-405T	LM16574	857	40	1
		404T-405T	LM12454	1,114	35	1
		444T-445T	LM16577	1,207	40	1

Specifications are subject to change without notice

Notes: P=EPAAct, B=Premium, S=Standard Eff., G=U-Frame Standard

1. Kit includes larger than standard terminal box.
2. Terminal box is heavy gauge steel CS models normally have cast iron box
3. Blower motor on TEBC CTAC models, 284T frames and larger, is not CE compliant

* Multiguard mtrs

Usable on 380 to 575V (for others, contact Lincoln). Price includes terminal strip suitable for six connections and grounding lug. Contact Customer Service regarding nameplate with CE Mark. Copies of Lincoln's Declaration of Conformity for the Low Voltage Declaration of Conformity for the Low Voltage Directive and Manufacturer's Declaration for the Machinery Directive are available on request



For use with Lincoln rolled steel and cast iron frame US built motors

For use with LEESON Inverter Duty, 800000 Series cast iron motors

For Use with LEESON IEEE-841 duty motors. Note - will not meet DIV 2 certification with SGRs

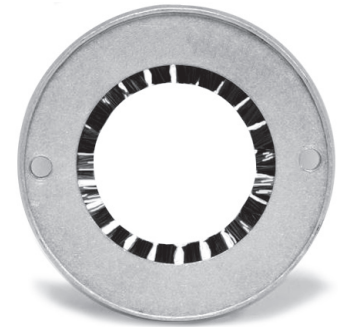
Shaft grounding is recommended (NEMA MG1 31.4.4.3) as an effective means of bearing protection for motors operated from inverter power. One grounding device is adequate to bleed down inverter-sourced shaft voltages, thereby protecting both bearings for motors as large as 6085 frame. Kits includes grounding ring, mounting hardware and instructions. Shaft ground rings fit these NEMA shaft extension frames listed below, they are designed to mount on the shaft end.

Note: Cannot Be Used On Explosion Proof Motors

Shaft Grounding Ring (SGR)

NEMA Frame	Catalog Number	Stock	List Price
48	LM32396	✓	184
56	LM32397	✓	184
143-145T	LM32398	✓	184
182-184T	LM32399	✓	215
213-215T	LM32401	✓	244
254-256T	LM32402	✓	306
284-286T	LM32403	✓	547
284-286TS	LM32402	✓	306
324-326T	LM32405	✓	429
324-326TS	LM32403	✓	547
364-365T	LM32407	✓	490
364-365TS	LM32403	✓	547
404-405	LM32409	✓	730
404-405TS	LM32405	✓	429
444-445T	LM32411	✓	1,283
444-445TS	LM32407	✓	490
447/449T	LM32411	✓	1,283
447/449TS	LM32407	✓	490

Specifications are subject to change without notice



Types of Motor Mounts

IEC Motors

DC Motors

Gearmotors

AC / DC Controls

Accessories / Kits

Mods / Factory
Options

X-Ref / Index

Tech Information

Terms / Warnings



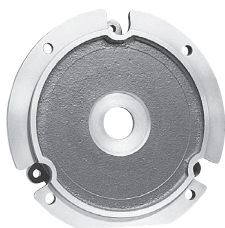
Rigid base is bolted, welded, or cast on main frame and allows motor to be rigidly mounted on equipment.



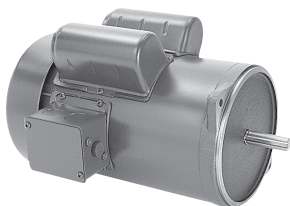
Resilient base has isolation or resilient rings between motor mounting hubs and base to absorb vibrations and noise. A conductor is imbedded in the ring to complete the circuit for grounding purposes.



NEMA C face mount is a machined face with a pilot on the shaft end which allows direct mounting with the pump or other direct coupled equipment. Bolts pass through mounted part to threaded hole in the motor face.



NEMA D flange mount is a machined flange with rabbet for mountings. Bolts pass through motor flange to a threaded hole in the mounted part. NEMA C face motors are by far the most popular and most readily available. NEMA D flange kits are stocked by some manufacturers, including LEESON.

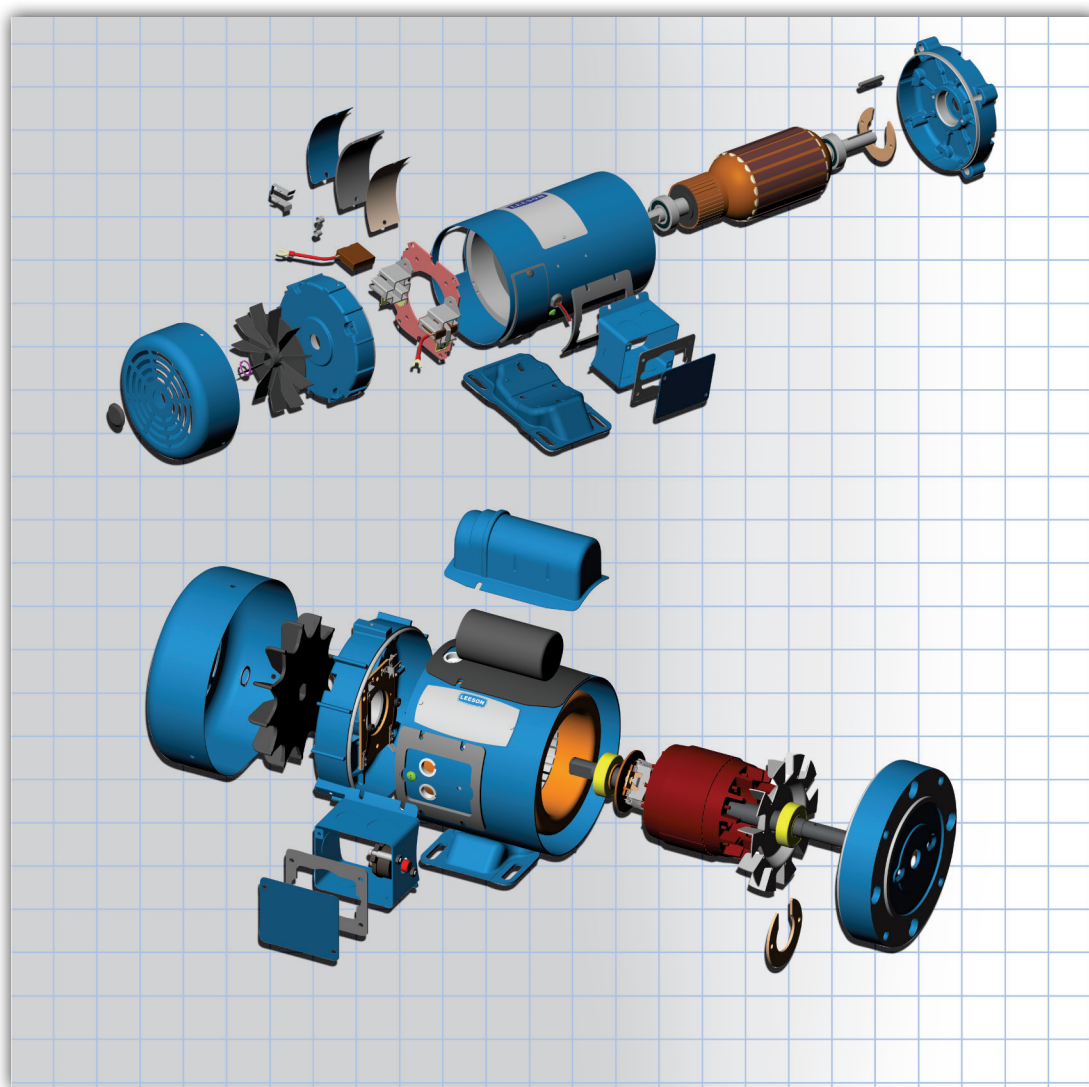


Type M or N mount has special flange for direct attachment to fuel atomizing pump on an oil burner. In recent years, this type of mounting has become widely used on auger drives in poultry feeders.



Extended through-bolt motors have bolts protruding from the front or rear of the motor by which it is mounted. This is usually used on small direct drive fans or blowers.





Contact your local LEESON Sales office for genuine replacement motor parts.

