

MODIFICATION KITS

Motors with S56C or SS56C frame sizes may be converted to 42/48 C face using the following:

Frame	Catalog No.	Disc. Sym.
SS56C	175182	A
S56C	175082 ◇	A

DC motors in NEMA S56C frame may be converted to 48 base using the following:

Frame	Catalog No.	Disc. Sym.
S56C	175080 ◇	A

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 Catalog Numbers 092000-140999

Frame	Enclosure	C Face Kit Catalog Number	Disc. Sym.	App. Wgt. (lbs.)
42	Open / Enclosed	175661	A	2
48	Open / Enclosed	175969○ 175646④	A	2
S56	Open	175000	A	2
	Enclosed	175180	A	2
	Open / Enclosed	175297●	A	2
	Open / Enclosed	175647④	A	2
56 (see note 2)	Open	175075	A	2
	Enclosed	175076	A	2
	Enclosed	M064076▲	A	2
143T-145T	Open	175181	B	2
	Enclosed	175077	B	2
182T-184T	Open / Enclosed	175691△	B	2
182T-184T Special+	Open / Enclosed	175294	B	5
S213T	Open / Enclosed	175693△	B	2
213T-215T (1750,1140, & 850 RPM)	Open	175845□	B	19
	Enclosed	175844□	B	15
213T-215T (3450 RPM)	ODP	175303★	B	15
	Enclosed	175304★	B	15

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

- 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 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.
- Not TS Frame.
- ✓✓ For older cast iron motors with date code C93 or earlier.
- For use with motors having "P" suffix on date code.
- ✱ When ordering, specify if motor has .00 or .60 suffix for correct kit.
- + 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, see page 69.
- For use with AC motors having "P" suffix on date code. Results in non-NEMA shaft and BA dim.
- ✳ Not for use with WATTS AVER® motors.
- ① For use with motors having date codes earlier than May 2003.
- ② For use with motors having date codes May 2003 and later.
- ③ WATTS AVER® II design, having oversized frame body.
- ④ For motors manufactured after January 1, 2007, having a "B" suffix letter after the motor's date code.

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 Catalog Number	Disc. Sym.	App. Wgt. (lbs.)
143T-145T	Enclosed	163116	C	6
182T-184T	Enclosed	175655✳	C	12
213T-215T	Open	175066	C	15
	Enclosed	175068✳	C	15
254T-256T	Open	175067	C	25
	Enclosed	175069✓✓	C	25
	Enclosed	175191	C	25
284T-286T	Open	175058	C	42
	Enclosed	175061	C	42
324T-326T	Open	175059✳	C	57
	Enclosed	175062	C	57
364T-365T	Open	175060	C	75
	Enclosed	175063	C	49
404T-405T	Open	175605	C	60
	Enclosed	175199	C	60
444T-445T→	Open	175606	C	115
	Enclosed	175664	C	115
447T-449T	Enclosed	175958	C	112

NOTE: When changing a rigid mount motor to C Face for 140T-256T frames, a non-NEMA BA dimension results.

NEMA C FACE KITS WATTS AVER® MOTORS

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

Frame	Enclosure	C Face Kit Catalog Number	Disc. Sym.	App. Wgt. (lbs.)
182T-184T	Enclosed	175842✳①	C	12
182T-184T	Enclosed	175394②	C	12
213T-215T	Enclosed	175869*	C	14
324T-326T	Open	175454	C	57
364T-365T	Open	175601③	C	75
	Enclosed	175603③	C	75

*Locked bearing

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

C-FACE FIELD CONVERSION KITS FOR ULTIMATE E, ODP & WASHTHRU™ MOTORS



**SRD, SSD, SD, SREW, SSEW, MD & SE MODEL NUMBERS
S, P & B EFFICIENCY CODES**

Mount On Drive End Only

Frame Size(s)	SYN RPM	Model Number Prefix								Product Number	Notes (see pg 306)	Approx Shpg Wght (lbs)	Mult Sym
		SREW	SSEW	SRD	SSD	SD (cast Iron Brkt)	MD & SE	CCD					
56	All	*		*						LM24631	2	2	LM-1
56	All	*		*						LM24807	3	2	LM-1
143T-145T	All		*		*					LM24807	1, 3	2	LM-1
213T-215T	All		*		*					LM25737	1	15	LM-1
254T-256T	All				*					LM25740	1	15	LM-1
254T-256T	All								*	LM31014	1	15	LM-1
284T/TS-286T/TS	All								*	LM31019		15	LM-1
284T/TS-286T/TS	All					*				LM24062	4	25	LM-1
324T/TS-326T/TS	All					*				LM24063		47	LM-1
364T/TS-365T/TS	All					*				LM24064		53	LM-1
404T/TS-405T/TS	All					*				LM24065		56	LM-1
444T/TS-445T/TS	3600					*				LM24066		88	LM-1
444T/TS-445T/TS	1200					*				LM24067		88	LM-1
447T/TS-449T/TS	3600					*				LM24068		98	LM-1
447T/TS-449T/TS	1200					*				LM24069		98	LM-1

Frame	NEMA C-Face BA	C-Face Kit BA	D.E. Brg	* M/N Prefix
143T-145T	2.75"	2.40"	6203	SSF
143T-145T	2.75"	2.38"	6205	CCF, CCN
182T-184T	3.50"	2.75"	STD.	N/A
213T-215T	4.25"	3.50"	STD.	N/A
254T-256T	4.75"	4.25"	STD.	N/A

*All except ODP

Notes: P=Epact, B=Preimum, S=Standard Eff.

1. These kits create a T-Frame C-Face motor having a non NEMA BA dimension. See chart for further explanation
2. 56 frames with 203 drive end bearing
3. 56 frames with 205 drive end bearing
4. For 2-Pole and 6-Pole motors

For motors with steel end brackets – no C-Face Kits are available

180 frame motors – no C-Face Kits are available



C-FACE FIELD CONVERSION KITS FOR ULTIMATE TEFC MOTORS

**SRF, SSF, SREW, SSEW, AF, AAF, CCN, CCF, CCS & SF MODEL NUMBERS
G, P & B EFFICIENCY CODES**

Mount On Drive End Only

Frame Size(s)	SYN RPM	Model Number Prefix							Product Number	Notes (see pg 306)	Approx Shpg Wght (lbs)	Mult Sym
		SRF	SSF	AF/AAF	SF (cast Iron Brkt)	CCN	CCF	CCS				
56	All	*							LM24808	1,2	2	LM-1
56	All	*							LM24810	1,3	1	LM-1
143T	All					*	*	*	LM24811	1	18	LM-1
143T	All		*						LM24810	1	1	LM-1
145T	All		*						LM24810	1	1	LM-1
145	All					*	*	*	LM24815	1	7	LM-1
182T-184T	All		*					*	LM25736	1	12	LM-1
182T-184T	All			AAF					LM26679	1	10	LM-1
213T-215T	All		*						LM25738	1	10	LM-1
213T-215T	All						*	*	LM25739	1	10	LM-1
213T215T, 213-215	All			*					LM20121	1	10	LM-1
254T-256T	All						*	*	175191.60 =AP21	1	25	LM-1
254T-256T	All						*	*	LM27681	1	25	LM-1
254U-256U	All			*					LM30147	1	26	LM-1
284T-286T	All						*	*	LM27576		20	LM-1
284T/TS-286T/TS	All			*					LM20116		20	LM-1
324T/TS-326T/TS, 324U/US-326U/US	All						*	*	LM28624		33	LM-1
324T/TS-326T/TS, 324U/US-326U/US	All				*				LM24057		33	LM-1
364T/TS-365T/TS	All				*				LM24058		30	LM-1
364T-365T							*	*	TBD			
364TS-365TS							*	*	TBD			
364U-365U							*	*	TBD			
404T-405T 404U-405U	All						*	*	LM28501		53	LM-1
404T-405T							*	*	TBD			
404TS-405TS							*	*	TBD			
404U-405U							*	*	TBD			
404T/TS-405T/TS	All				*				LM24059		53	LM-1
444T/TS-449T/TS	3600				*				LM24060		98	LM-1
444T-445T							*	*	TBD			
444TS-445TS							*	*	TBD			
444U-445U												
444T/TS-449T/TS	1800				*				LM24061		98	LM-1
447T-449T							*	*	TBD			
447TS-449TS	1800				*		*	*	TBD		98	LM-1

Notes: P=Epact, B=Preimum, S=Standard Eff., G=U-Frame Standard

1. These kits create a T-Frame C-Face motor having a non NEMA BA dimension. See chart for further explanation
2. 56 frames with 203 drive end bearing
3. 56 frames with 205 drive end bearing
4. For AK dimension of 4.5"
5. For AK dimension of 8.5"

For motors with steel end brackets - no C-Face Kits are available

Frame	NEMA C-Face BA	C-Face Kit BA	D.E. Brg	* M/N Prefix
143T-145T	2.75"	2.40"	6203	SSF
143T-145T	2.75"	2.38"	6205	CCF, CCN
182T-184T	3.50"	2.75"	STD.	N/A
213T-215T	4.25"	3.50"	STD.	N/A
254T-256T	4.75"	4.25"	STD.	N/A

*All except ODP