



C FACE MOTORS • THREE PHASE

LESS BASE • GENERAL PURPOSE • STANDARD, EPACT & NEMA PREMIUM RATINGS



DRIP-PROOF • C FACE LESS BASE • THREE PHASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/6	1800	...	...	...	...	...	...	...
1/4	3600	...	...	...	...	...	...	...
	1800	...	...	...	...	...	...	...
	1800	...	...	...	...	...	...	...
	1800	S56C	103014.00	19	208-230/460	1.4	58.0	9.24
	1800	...	...	...	...	...	...	...
1/3	3600	S56C	100375.00	15	208-230/460	1.4	68.0	9.31
	1800	...	...	...	...	...	...	...
	1800	S56C	100048.00	17	208-230/460	1.6	64.3	9.49
	1800	...	...	...	...	...	...	...
	1800	S56C	102695.00 [w]	22	208-230/460	1.3	77.0	10.24
	1200	...	...	...	...	...	...	...
	1200	...	...	...	...	...	...	...
1/2	3600	...	...	...	...	...	...	...
	3600	S56C	100056.00	17	208-230/460	1.8	69.0	9.31
	3600	...	...	...	...	...	...	...
	1800	...	...	...	...	...	...	...
	1800	...	...	...	...	...	...	...
	1800	S56C	100049.00	21	208-230/460	2.0	68.0	9.99
	1800	...	...	...	...	...	...	...
	1800	S56C	102200.00 [w]	25	208-230/460	1.8	77.0	10.74
	1200	56C	110434.00 A	26	208-230/460	2.8	66.0	10.38
3/4	3600	S56C	10037800	20	208-230/460	2.4	79.0	9.81
	1800	S56C	100050.00	24	208-230/460	2.8	75.0	10.49
	1800	56C	114934.00 [w]	29	208-230/460	2.4	81.5	10.86
	1200	143TC	G120063.00 A	20	208-230/460	3.0	80.0	12.12
	1200	56C	116728.00 A	35	208-230/460	3.4	75.5	10.88
1	3600	56C	110111.00	22	208-230/460	3.2	77.0	9.88
	3600	...	...	...	...	...	...	...
	1800	143TC	G120172.00	30	208-230/460	3.1	82.5	11.68
	1800	56C	110043.00	22	208-230/460	4.2	78.5	10.38
	1800	56C	116740.00	32	208-230/460	3.4	85.5	11.68
	1800	143TC	121064.00 [w] A	32	208-230/460	3.4	85.5	12.12
	1200	145TC	G120082.00 A	35	208-230/460	3.6	80.0	12.62
	1200	...	...	...	...	...	...	...
	1200	...	...	...	...	...	...	...
1 1/2	3600	143TC	G121668.00 A	35	208-230/460	4.0	82.5	11.78
	3600	56C	110437.00	27	208-230/460	4.2	81.5	10.84
	3600	...	...	...	...	...	...	...
	1800	145TC	G120081.00 A	37	208-230/460	4.4	84.0	12.12
	1800	56C	110044.00	27	208-230/460	5.6	78.5	10.88
	1800	56C	116741.00 [w]	36	208-230/460	5.6	86.5	12.68
	1800	143TC	121063.00 [w]	36	208-230/460	5.6	86.5	13.12
	1200	145TC	G121669.00 [w]	48	208-230/460	5.7	84.0	13.75
	1200	...	...	...	...	...	...	...

[w] Premium efficiency WATTSAYERe® Motors. See page 19 for details.

A Subject to Availability.

TEFC • C FACE LESS BASE • THREE PHASE

NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
48CZ□	102662.00	15	208-230/460	.7	71.0	9.44
48CZ□	101965.00 ●	15	208-230/460	1.0	67.0	9.03
48CZ□	101966.00 ●	18	208-230/460	1.0	78.0	9.31
48CZ□	101981.00	17	208-230/460	1.4	58.0	8.94
S56C	101648.00 ●	17	208-230/460	1.0	78.0	9.56
S56C	101767.00	19	208-230/460	1.4	58.0	9.69
56C	110446.00 ●	20	208-230/460	1.2	77.0	9.90
48CZ□	102664.00	20	208-230/460	1.6	64.3	9.19
S56C	101769.00	20	208-230/460	1.6	64.3	9.69
S56C	102863.00 ●	19	208-230/460	1.3	77.0	9.56
S56C	102696.00 [w]	22	208-230/460	1.3	77.0	10.19
48C	101291.00 ●	20	208-230/460	1.8	73.0	9.56
56C	113311.00	22	208-230/460	1.6	65.0	10.81
48C	100449.00 ●	23	208-230/460	1.6	67.0	10.06
56C	10144.00 ●	25	208-230/460	1.6	82.5	10.40
56C	114176.00	19	208-230/460	2.0	72.0	10.31
48CZ□	100486.00 ●	24	208-230/460	1.6	78.0	10.31
48CZ□	102666.00	24	208-230/460	2.0	73.0	9.69
S56C	102861.00 ●	23	208-230/460	1.8	77.0	10.06
S56C	102860.00	19	208-230/460	2.0	73.0	10.19
S56C	101780.00 [w]	25	208-230/460	1.8	77.0	10.69
56C	110163.00	25	208-230/460	2.4	70.0	11.31
56C	110448.00	21	208-230/460	2.4	75.5	10.81
56C	110047.00	22	208-230/460	2.8	77.0	10.81
56C	114213.00 [w]	27	208-230/460	2.7	81.5	11.31
143TC	G120097.00	32	208-230/460	3.0	80.0	10.88
56C	112378.00	29	208-230/460	3.0	75.5	11.81
56C	110112.00	21	208-230/460	3.2	77.0	10.81
56C	116748.00 [w]	29	208-230/460	2.8	80.0	11.31
143TC	G120024.00	34	208-230/460	3.1	82.5	11.28
56C	110048.00	24	208-230/460	3.8	77.0	11.31
56C	114638.00 [w]	34	208-230/460	3.4	85.5	12.81
143TC	121067.00 [w]	36	208-230/460	3.4	85.5	13.25
145TC	G120098.00	35	208-230/460	3.6	80.0	12.28
56C	112379.00	32	208-230/460	4.0	77.0	12.31
56C	116749.00 [w]	47	208-230/460	3.8	82.5	13.75
143TC	G120105.00	27	208-230/460	4.0	82.5	11.78
56C	110192.00	28	208-230/460	4.2	81.5	11.81
56C	116750.00 [w] A	33	208-230/460	4.0	84.0	13.25
145TC	G120037.00	36	208-230/460	4.4	84.0	12.13
56C	110125.00	29	208-230/460	5.0	78.5	11.81
56C	116743.00 [w]	41	208-230/460	4.8	86.5	13.31
145TC	121066.00 [w]	41	208-230/460	4.8	86.5	13.75
182TC	G132249.00	82	208-230/460	5.6	85.5	14.96
56C	113634.00	39	208-230/460	5.7	77.0	13.31

□ Shaft extension has keyway and flat 180° apart for ease of mounting. Useable shaft is 1 1/2" long by 1/2" diameter, 1/8" keyway.

● These motors are totally enclosed, non-ventilated—Others are fan cooled.

Catalog Numbers in Green are EPACT Motors.

CONTINUED ON NEXT PAGE

WATTSAYERe Motors Meet NEMA MG1 part 30 & 31.

All three phase motors, 1 HP and above, are inverter rated.

Specifications are subject to change without notice

C FACE MOTORS • THREE PHASE



LESS BASE • GENERAL PURPOSE • STANDARD, EPACT & NEMA PREMIUM RATINGS

AC MOTORS



DRIP PROOF • C FACE LESS BASE • THREE PHASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
2	3600	143TC	G121670.00 A	45	208-230/460	5.2	84.0	12.18
	3600	56C	113894.00	31	208-230/460	5.6	82.5	11.34
	3600	...	...	...	...	...	...	...
	1800	145TC	G120035.00	46	208-230/460	6.0	84.0	12.62
	1800	56C	115553.00	32	208-230/460	6.2	78.5	11.19
	1800	56C	116742.00 W	41	208-230/460	5.8	86.5	13.18
	1800	145TC	121071.00 W A	41	208-230/460	5.8	86.5	13.62
	1200	184TC	G132059.00 A	81	208-230/460	7.2	85.5	13.63
	3	3600	145TC	G121187.00	45	208-230/460	7.6	84.0	13.63
3600		56C	114420.00	37	208-230/460	7.6	84.0	11.84
3600		...	...	...	...	...	...	...
1800		182TC	G131489.00	57	208-230/460	8.4	86.5	12.69
1800		...	...	...	...	...	...	...
1800		182TC	131518.00 W A	75	208-230/460	7.8	89.5	14.20
1200	213TC	G140765.00	140	208-230/460	11.6	86.5	13.75	
5	3600	145TC	G121664.00	47	208-230/460	12.4	85.5	13.75
	3600	182TC	G131779.00	64	208-230/460	12.2	85.5	13.20
	1800	184TC	G131490.00	69	208-230/460	13.2	87.5	13.69
	1800	184TC	131517.00 W	96	208-230/460	12.8	89.5	15.20
	1200	...	...	...	...	...	...	...
7½	3600	184TC	G131780.00	78	208-230/460	17.6	87.5	14.70
	3600	...	...	...	...	...	...	...
	3600	...	...	...	...	...	...	...
	1800	...	...	...	...	...	...	...
	1800	...	...	...	...	...	...	...
	1800	213TC	G140580.00 A	144	208-230/460	20.6	88.5	15.75
	1800	213TC	140483.00 W A	132	208-230/460	20.6	91.0	16.25
10	3600	213TC	G140688.00	138	208-230/460	23.4	88.5	16.53
	3600	...	...	...	...	...	...	...
	1800	215TC	G140108.00	132	208-230/460	28.0	89.5	16.75
	1800	215TC	140485.00 W A	144	208-230/460	26.8	91.9	17.25
	1800	...	...	...	...	...	...	...
15	3600	215TC	G140689.00	145	208-230/460	34.0	89.5	19.28
	3600	...	...	...	...	...	...	...
	1800	254TC	G151682.60	265	208-230/460	37.6	91.0	21.32
20	3600	254TC	G151683.60	258	208-230/460	46.6	90.2	21.38
	1800	256TC	G151684.60	307	208-230/460	48.0	91.0	23.03
25	3600	256TC	G151685.60	292	208-230/460	57.0	91.0	22.60
	1800	284TC	G151686.60	388	208-230/460	59.6	91.7	23.54
30	3500	284TSC	G151687.60	373	208-230/460	70.4	91.0	25.00
	1800	...	...	...	...	...	...	...
40	1800	...	...	...	...	...	...
50	1800	...	...	...	...	...	...
60	1800	...	...	...	...	...	...

† Class F insulated.
 ‡ These totally enclosed three phase motors have 1.0 service factors.
 W Premium efficiency WATTSaver® Motors. See page 19 for details.
 A Subject to Availability.

TEFC • C FACE LESS BASE • THREE PHASE

NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
145TC	G120061.00	44	208-230/460	5.2	84.0	11.78
56C	111273.00	36	208-230/460	5.6	82.5	12.31
56C	116751.00 W	44	208-230/460	4.8	85.5	14.25
145TC	G120038.00	44	208-230/460	5.6	84.0	12.12
56C	110451.00	34	208-230/460	6.2	81.5	12.81
56C	116744.00 W	45	208-230/460	5.8	86.5	13.82
145TC	121065.00 W	45	208-230/460	5.8	86.5	14.26
184TC	G131525.00	75	208-230/460	7.2	86.5	14.69
145TC	G120993.00	60	208-230/460	7.6	85.5	84.00
56C	111630.00	37	208-230/460	7.6	84.0	12.81
182TC	G131513.00	55	208-230/460	8.0	84.0	13.97
182TC	G131491.00	67	208-230/460	8.2	87.5	13.96
56C	113890.00 ‡	43	208-230/460	8.6	82.5	13.81
182TC	131503.00 W	72	208-230/460	7.8	89.5	14.96
S213TC	G131642.00	116	208-230/460	12.0	87.5	14.96
...
184TC	G131514.00	79	208-230/460	12.0	87.5	14.47
184TC	G131492.00	80	208-230/460	12.8	87.5	14.97
184TC	131501.00 W	90	208-230/460	12.8	89.5	15.97
215TC	G140535.00	142	208-230/460	17.6	87.5	18.21
184TC	G131510.00	90	208-230/460	16.8	88.5	15.97
S213TC	G131912.00	91	208-230/460	16.8	88.5	16.96
213TC	G151345.60	150	208-230/460	17.8	88.5	18.95
213TC	G141113.00	144	208-230/460	20.4	89.5	17.71
S213TC	G151346.60	153	208-230/460	19.2	89.5	18.95
...
213TC	140486.00 W	144	208-230/460	21.4	91.7	18.70
213TC	G140690.00	112	208-230/460	23.6	90.2	20.57
215TC	G151347.60	160	208-230/460	23.6	90.2	20.36
215TC	G140109.00	158	208-230/460	26.0	91.0	20.57
215TC	140484.00 W	160	208-230/460	26.6	91.7	19.70
215TC	G151348.60	173	208-230/460	25.2	91.0	20.36
215TC	G140691.00	158	208-230/460	36.0	90.2	20.57
215TC	G151349.60	240	208-230/460	35.0	90.2	23.80
254TC	G151350.60	262	208-230/460	37.0	91.0	23.80
256TC	G151351.60	252	208-230/460	46.2	90.2	25.50
256TC	G151352.60	315	208-230/460	48.2	91.0	25.50
...
284TC	G151507.60	355	208-230/460	58.8	92.4	26.26
...
286TC	G151508.60	422	208-230/460	69.8	92.4	27.83
324TC	G151509.60	562	208-230/460	90.0	93.0	29.53
326TC	G151510.60	620	208-230/460	93.0	93.0	31.02
364TC	G151519.60	689	208-230/460	93.6	93.6	32.64

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

Catalog Numbers in Green are EPACT Motors.

All 180 and 210 frame Rolled Steel motors have Class F Insulation.

WATTSaver® Motors Meet NEMA MG1 part 30 & 31.

All three phase motors, 1 HP and above, are inverter rated.

Specifications are subject to change without notice



C FACE MOTORS • THREE PHASE
WITH BASE • GENERAL PURPOSE • STANDARD & NEMA PREMIUM RATINGS



DRIP PROOF • C FACE WITH BASE • THREE PHASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/3	1800	S56C	100599.00	18	208-230/460	1.6	64.3	9.49
	1800	...	...	...	...	...	...	...
	1800	S56C	103021.00 [W]A	23	208-230/460	1.3	77.0	10.24
1/2	3600	S56C	100600.00	17	208-230/460	2.4	69.0	9.31
	3600	...	...	...	...	...	...	...
	1800	S56C	100601.00	20	208-230/460	2.0	68.0	9.99
	1800	...	...	...	...	...	...	...
	1800	S56C	103022.00 [W]	26	208-230/460	1.8	77.0	10.74
3/4	3600	S56C	102971.00 A	21	208-230/460	2.4	79.0	9.85
	1800	S56C	100602.00	25	208-230/460	2.8	75.0	10.49
	1800	56C	116762.00 [W]	30	208-230/460	2.4	81.5	10.86
	1200	...	...	...	...	...	...	...
	1200	...	...	...	...	...	...	...
1	3600	56C	116784.00 A	23	208-230/460	3.2	77.0	9.84
	1800	56C	110901.00	28	208-230/460	4.2	78.5	10.38
	1800	56C	116763.00 [W] A	33	208-230/460	3.4	85.5	11.68
	1800	...	...	...	...	...	...	...
	1800	145TC	121935.00	34	208-230/460	3.2	85.5	12.12
	1 1/2	3600	56C	116785.00 A	28	208-230/460	4.2	81.5	10.84
3600		...	...	...	...	...	...	...
1800		56C	110902.00	29	208-230/460	5.6	78.5	10.88
1800		56C	116764.00 [W]A	37	208-230/460	5.6	86.5	12.68
1800		143TC	121674.00 [W]A	34	208-230/460	3.4	85.5	12.12
1800		145TC	121675.00 [W]A	37	208-230/460	5.6	86.5	13.12
1200		...	...	...	...	...	...	...
2	3600	56C	114218.00	34	208-230/460	5.6	82.5	11.40
	3600	...	...	...	...	...	...	...
	1800	56HC	116630.00 □	32	208-230/460	6.2	78.5	11.38
	1800	56HC	116765.00 [W]	42	208-230/460	5.8	86.5	13.18
	1800	145TC	121676.00 [W]	42	208-230/460	5.8	86.5	13.62
	1200	...	...	...	...	...	...	...
3	3600	...	...	...	...	...	...	...
	3600	145TC	121928.00 A	45	230/460	7.2	85.5	13.76
	3600	...	...	...	...	...	...	...
	3600	...	...	...	...	...	...	...
	1800	...	...	...	...	...	...	...
	1800	56HCZ	116631.00 □	38	208-230/460	8.6	82.5	13.62
	1800	182TC	132081.00 [W]	76	208-230/460	7.8	89.5	14.20
	1800	...	...	...	...	...	...	...
	1200	...	...	...	...	...	...	...

TEFC • C FACE WITH BASE • THREE PHASE

NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
S56C	102921.00 ●	18	208-230/460	1.3	77.0	9.56
S56C	102922.00	19	208-230/460	1.3	77.0	10.19
S56C	102697.00 [W]	22	208-230/460	1.3	77.0	10.19
56C	110182.00 ● A	26	208-230/460	1.6	82.5	10.40
56C	114142.00	21	208-230/460	2.6	68.0	10.81
S56C	102919.00 ●	22	208-230/460	2.0	77.0	10.06
S56C	102917.00	19	208-230/460	2.0	73.0	10.19
S56C	102024.00 [W]	23	208-230/460	1.8	77.0	10.69
56C	110914.00	25	208-230/460	2.4	70.0	11.31
56C	110915.00	23	208-230/460	2.4	75.5	10.81
56C	110916.00	22	208-230/460	2.8	77.0	10.81
56C	114624.00 [W]	25	208-230/460	2.7	81.5	11.31
56C	116340.00	29	208-230/460	3.0	75.5	11.81
143TC	120485.00	34	208-230/460	3.0	75.5	13.25
56C	110181.00	24	208-230/460	3.2	77.0	10.81
56C	110912.00	24	208-230/460	3.6	77.0	11.31
56C	116745.00 [W]	34	208-230/460	3.4	85.5	12.81
143TC	121179.00 [W]	34	208-230/460	3.4	85.5	13.25
145TC	121936.00	47	208-230/460	3.8	81.5	13.75
56C	110917.00	29	208-230/460	4.2	81.5	11.81
143TC	121672.00 [W]	33	208-230/460	3.6	84.0	13.25
56C	110918.00	30	208-230/460	5.0	78.5	11.81
56C	116746.00 [W]	37	208-230/460	5.6	86.5	13.31
...
145TC	121180.00 [W]	37	208-230/460	5.6	86.5	13.75
56HC	114198.00 □	41	208-230/460	5.7	77.0	13.31
56HCZ	116592.00 *	44	208-230/460	5.7	77.0	13.75
56C	113927.00	34	208-230/460	5.6	82.5	12.31
145TC	121673.00 [W]	44	208-230/460	4.8	85.5	13.75
56HC	116106.00 □	36	208-230/460	6.2	81.5	12.81
56HC	116747.00 □	43	208-230/460	5.8	86.5	13.82
145TC	121181.00 [W]	43	208-230/460	5.8	86.5	14.26
184TC	132243.00 [W]	93	208-230/460	7.2	88.5	15.96
56HC	114615.00 ● □	38	208-230/460	7.6	84.0	12.81
145TC	121929.00	45	208-230/460	7.6	86.5	13.76
182TC	132079.00 [W]	70	208-230/460	7.6	86.5	13.96
182TC	171564.60	90	208-230/460	7.6	86.5	15.89
56HC	116107.00 □	45	208-230/460	8.6	82.5	13.81
56HCZ	116388.00 *	46	208-230/460	8.6	82.5	14.25
182TC	131504.00 [W]	75	208-230/460	7.8	89.5	14.96
182TC	171565.60	104	208-230/460	7.8	89.5	15.89
215TC	140834.00	170	230/460	9.4	89.5	18.21

● These motors are totally enclosed, non-ventilated—Others are fan cooled.
 □ These totally enclosed three phase motors have 1.0 service factors.
 ◻ Combination 56H base motors have mounting holes for NEMA 56 and standard NEMA 56C face and shaft.
 ✦ 56HCZ motors have mounting holes for NEMA 56 standard shaft.
 [W] Premium efficiency WATTS-AVER™ Motors. See page 19 for details.
 A Subject to Availability.

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

CONTINUED ON NEXT PAGE

All 180 and 210 frame Rolled Steel motors have Class F Insulation.
WATTS-AVER™ Motors Meet NEMA MG1 part 30 & 31.

All three phase motors, 1 HP and above, are inverter rated.

Specifications are subject to change without notice



C FACE MOTORS • THREE PHASE
WITH BASE • GENERAL PURPOSE • NEMA PREMIUM RATINGS



AC MOTORS

DRIP PROOF • C FACE WITH BASE • THREE PHASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
5	3600	182TC	132242.00	92	208-230/460	12.2	86.5	15.19
	3600	...	...	...	...	...	...	...
	1800	...	...	...	...	...	...	...
	1800	184TC	132082.00	97	208-230/460	12.8	89.5	15.20
	1800	...	...	...	...	...	...	...
7½	3600	184TC	132244.00	106	208-230/460	17.6	88.5	16.19
	3600	...	...	...	...	...	...	...
	3600	...	...	...	...	...	...	...
	1800	213TC	140767.00	132	208-230/460	20.6	91.0	16.25
	1800	213TC	170170.60	165	208-230/460	19.6	91.0	16.38
10	3600	213TC	141111.00	160	208-230/460	23.4	89.5	17.30
	3600	...	...	...	...	...	...	...
	3600	213TC	170171.60	192	208-230/460	27.6	89.5	16.38
	1800	215TC	140768.00	144	208-230/460	26.8	91.9	17.25
	1800	215TC	170172.60	198	208-230/460	26.0	91.7	18.62
15	3600	215TC	170173.60	200	208-230/460	34.6	90.2	17.87
	3600	215TC	141119.00	170	208-230/460	35.0	91.0	18.55
	1800	254TC	170175.60	276	208-230/460	37.0	93.0	20.94
	1800	...	...	...	...	...	...	...
	1200	...	...	...	...	...	...	...
20	3600	254TC	170070.60	275	208-230/460	46.6	91.0	20.94
	3600	...	...	...	...	...	...	...
	1800	256TC	170071.60	324	208-230/460	51.0	93.0	22.60
	1800	...	...	...	...	...	...	...
	25	3600	256TC	171688.60	327	208-230/460	52.1	91.7	22.60
3600		...	...	...	...	...	...	...
1800		284TC	170073.60	404	208-230/460	59.6	93.6	23.54
1800		...	...	...	...	...	...	...
30		3600
	3600	...	...	...	...	...	...	...
	1800	286TC	171377.60	471	208-230/460	71.0	94.1	25.00
	1800	...	...	...	...	...	...	...
	40	3600
1800		324TC	170378.60	560	208-230/460	96.0	94.1	26.02
50	3600	...	...	...	...	...	...	...
	1800	326TC	170379.60	614	208-230/460	118.0	94.5	27.52
60	3600	...	...	...	...	...	...	...
	1800	364TC	171689.60	716	208-230/460	139.0	95.0	28.01
	1800	...	...	...	...	...	...	...
75	3600	...	...	...	...	...	...	...
	1800	365TC	171690.60	766	208-230/460	172.0	95.0	31.18
	1800	...	...	...	...	...	...	...
100	1800	404TC	171691.60	1141	208-230/460	225.0	95.4	32.76
	1800	...	...	...	...	...	...	...

Motors in this column have NEMA Service Factors — see page 274 for details.

TEFC • C FACE WITH BASE • THREE PHASE

NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
184TC	171446.60	105	208-230/460	12.0	88.5	16.80
184TC	132080.00	100	208-230/460	12.0	88.5	16.46
184TC	171566.60	109	208-230/460	12.8	89.5	16.80
184TC	131502.00	99	208-230/460	12.8	89.5	15.97
215TC	171116.60	180	208-230/460	14.4	89.5	19.61
213TC	140770.00	160	208-230/460	17.8	90.2	19.64
213TC	170166.60	156	208-230/460	18.0	89.5	18.19
213TC	140521.00	144	208-230/460	21.4	91.7	18.70
213TC	170165.60	155	208-230/460	18.6	91.7	18.19
254TC	170138.60	249	208-230/460	22.2	91.0	23.19
215TC	140769.00	175	208-230/460	23.6	91.7	21.09
215TC	170168.60	181	208-230/460	23.4	90.2	19.61
215TC	140522.00	160	208-230/460	26.6	91.7	19.70
215TC	170167.60	177	208-230/460	25.0	91.7	19.61
256TC	170139.60	300	208-230/460	29.0	91.0	24.92
254TC	171586.00	292	208-230/460	34.6	91.7	23.19
254TC	171587.00	290	208-230/460	36.0	92.4	23.19
284TC	170104.60	333	208-230/460	40.6	91.7	26.26
256TC	171588.00	326	208-230/460	46.0	92.4	24.92
256TC	171589.00	332	208-230/460	49.0	93.0	24.92
284TC	170619.60	393	208-230/460	56.8	93.0	24.88
284TSC	171590.00	393	208-230/460	56.8	93.0	25.88
284TC	171591.00	395	208-230/460	59.0	94.0	26.26
286TSC	170108.60	400	208-230/460	69.2	93.0	27.83
286TC	170620.60	400	208-230/460	69.2	93.0	26.46
286TC	171592.00	442	208-230/460	70.0	93.6	27.83
324TSC	170110.60	574	208-230/460	89.0	93.6	28.03
324TC	171593.00	538	208-230/460	92.0	94.1	29.53
326TSC	170112.60	604	208-230/460	112.0	93.0	29.53
326TC	171594.00	597	208-230/460	117.0	94.5	31.02
364TSC	170114.60	860	208-230/460	139.0	93.6	30.51
364TC	171595.00	676	208-230/460	137.0	95.4	32.64
365TSC	171115.60	773	208-230/460	172.0	93.6	31.49
365TC	171596.00	743	208-230/460	170.0	95.8	33.62
405TC	171597.00	1002	208-230/460	225.0	95.4	37.91

Motors in this column have 1.15 Service Factors, except noted by ♣ which have a 1.00 Service Factor.

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

All 180 and 210 frame Rolled Steel motors have Class F Insulation.

WATTSAVERe Motors Meet NEMA MG1 part 30 & 31.

All three phase motors, 1 HP and above,
are inverter rated.

Specifications are subject to change without notice



WATSAVERe® PREMIUM EFFICIENCY MOTORS

GENERAL PURPOSE • SINGLE PHASE • FHP THREE PHASE

WATSAVERe® PREMIUM EFFICIENCY HIGH TORQUE

WATSAVERe® Premium Efficiency Motors provide enhanced operating efficiencies, cooler operating temperatures, and reduced running amperage. See page 19 for complete list of features.



SINGLE PHASE • TEFC • RIGID BASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/3	1800	56	113765.00☆	27	115/208-230	Man.	1.7	76.0	10.81
1/2	1800	56	113766.00☆	30	115/208-230	Man.	2.5	78.0	11.31
3/4	1800	56	113767.00☆	35	115/208-230	Man.	3.2	82.0	11.81
1	1800	56	113768.00☆	37	115/208-230	Man.	4.2	83.0	12.31
1 1/2	1800	56H	113769.00☆□ A	43	115/208-230	Man.	6.5	84.0	13.31
2	1800	56HZ	113770.00☆■ A	49	230	Man.	8.2	85.0	14.25

WATSAVERe® PREMIUM EFFICIENCY FAN MOTORS

Premium efficiency motors for agricultural and industrial belted-fan applications.

Features include quiet bearings, resilient cradle base, and quiet flow-through ventilation. Class "F" insulated, with spade connectors on terminal board for quick and easy installation.



SINGLE PHASE • DRIP-PROOF • RESILIENT BASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	Over-load Prot.	F.L. Amps 115V	% F.L. Eff.	"C" Dim. (Inches)
1/4	1800	48	101602.00	19	115	Auto.	2.5	71.0	10.39
1/3	1800	48	101405.00	19	115	Auto.	3.2	75.0	10.39
1/2	1800	48	101585.00	25	115	Auto.	4.6	76.0	11.39

- ② These combination 56H base motors have mounting holes for 56 and 143-5T, and a 1/2" diameter shaft with flat 1 1/2" long.
- ☆ Capacitor start/capacitor run design for reduced amperage, others are capacitor start/induction run.
- Combination 56 H base motors have mounting holes for NEMA 56 and NEMA 143-5T and a standard NEMA 56 shaft.
- Combination 56 HZ base has mounting holes for NEMA 56 and 143-5T and a standard NEMA 145T frame shaft of 7/8" diameter.

FHP MOTORS FOR AC DRIVES

- Compact 48-frame design with keyed shaft
- Class F insulation
- 20:1 Constant torque rated
- Inverter IRIS™ insulation system
- 1/2" diameter keyed shaft with 48-C Face
- 115/230V 3-phase design optimized for FHP drives



THREE PHASE • TEFC • C FACE WITH BASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/6	1800	48CZ	102792.00 A	25	1.25	56.0	8.94
1/4	1800	48CZ	102793.00 A	26	1.4	58.0	8.94
1/3	1800	48CZ	102794.00 A	28	1.6	64.3	9.19
1/2	1800	48CZ	102795.00 A	30	1.8	77.0	10.19

A Subject to Availability.

All three phase motors, 1 HP and above, are inverter rated.

ODP
208, 230/460 & 460 VOLTS • 3-PHASE
FOOT MOUNT AND C-FACE
1/4 TO 500 HP



FOOT MOUNT (cont'd)

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
200	3600	444TS	95.8	1.25	460	SD2B200TS64Y	LM13819	1277
	1800	445T	96.2	1.25	460	SD4B200T64Y	LM13820	1438
	1800	445TS	95.8	1.25	460	SD4B200TS64Y	LM32761	1449
	1200	449T	95.8	1.15	460	SD6B200T64Y	LM16239	2112
250	3600	445TS	95.8	1.15	460	SD2B250TS64Y	LM13822	1438
	3600	445TS	94.5	1.15	460	SD2P250TS64Y	LM13761	1438
	1800	445T	96.2	1.15	460	SD4B250T64Y	LM13823	1438
	1800	447T	96.2	1.15	460	SD4B250T64Y	LM16235	1745
	1800	445T	95.4	1.25	460	SD4P250T64Y	LM13762	1438
	1800	445TS	95.4	1.15	460	SD4P250TS64Y	LM15466	1438
	1200	447T	95.4	1.00	460	SD6B250T64Y	LM13824	1745
	1200	449T	95.4	1.15	460	SD6B250T64Y	LM17958	2112
300	3600	447TS	95.8	1.15	460	SD2B300TS64Y	LM13825	1745
	3600	447TS	95.0	1.15	460	SD2P300TS64Y	LM13764	1745
	1800	447T	96.2	1.15	460	SD4B300T64Y	LM13826	1745
	1800	449T	96.5	1.15	460	SD4B300T64Y	LM16238	2112
	1800	447T	95.4	1.15	460	SD4P300T64Y	LM13765	1745
	1800	449T	95.4	1.15	460	SD4P300T64Y	LM16227	2112
	1800	447TS	95.4	1.15	460	SD4P300TS64Y	LM22758	1745
	350	3600	447TS	95.8	1.15	460	SD2B350TS64Y	LM13828	1745
3600		449TS	95.8	1.15	460	SD2B350TS64Y	LM16237	2112
3600		447TS	95.0	1.15	460	SD2P350TS64Y	LM13767	1745
3600		449TS	95.0	1.15	460	SD2P350TS64Y	LM16226	2112
1800		447T	96.2	1.15	460	SD4B350T64Y	LM13829	1745
1800		449T	96.2	1.15	460	SD4B350T64Y	LM17957	2112
1800		447T	95.0	1.00	460	SD4P350T64Y	LM13768	1745
1800		449T	95.4	1.15	460	SD4P350T64Y	LM17954	2112
1800		447TS	95.0	1.00	460	SD4P350TS64Y	LM15159	1745
400		3600	449TS	96.2	1.15	460	SD2B400TS64Y	LM13831	2112
	3600	449TS	95.4	1.15	460	SD2P400TS64Y	LM13770	2112
	1800	449T	95.8	1.15	460	SD4B400T64Y	LM13832	2112
	1800	449T	95.4	1.15	460	SD4P400T64Y	LM13771	2112
	1800	449TS	95.4	1.15	460	SD4P400TS64Y	LM22759	2112

C-FACE WITH FEET

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1/3	1800	S56	67.0	1.35	230/460	SRD4S0.33TC61	LM24277	15
1/2	3600	56C	66.0	1.25	230/460	SRD2S0.5TC61	LM24879	18
	1800	S56	70.0	1.25	230/460	SRD4S0.5TC61	LM24880	17
	1200	56C	68.0	1.25	230/460	SRD6S0.5TC61	LM24881	33

Product numbers in red are STOCK items.

Specifications are subject to change without notice

C-FACE WITH FEET (cont'd)

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
250	3600	445TSC	95.8	1.15	460	SD2B250TSC64Y	LM13798	1459
	3600	445TSC	94.5	1.15	460	SD2P250TSC64Y	LM13787	1459
	1800	445TC	96.2	1.15	460	SD4B250TC64Y	LM13799	1459
	1800	445TC	95.4	1.25	460	SD4P250TC64Y	LM13788	1459
	1800	445TSC	95.4	1.15	460	SD4P250TSC64Y	LM20695	1459
	1200	447TC	95.4	1.00	460	SD6B250TC64Y	LM13841	1766
300	3600	447TSC	95.8	1.15	460	SD2B300TSC64Y	LM13842	1766
	3600	447TSC	95.0	1.15	460	SD2P300TSC64Y	LM13790	1766
	1800	447TC	96.2	1.15	460	SD4B300TC64Y	LM13843	1766
	1800	447TC	95.4	1.15	460	SD4P300TC64Y	LM15312	1766
	1200	449TC	95.4	1.00	460	SD6B300TC64Y	LM13844	2133
	1200	449TC	95.4	1.00	460	SD6P300TC64Y	LM13801	2133
350	3600	447TSC	95.8	1.15	460	SD2B350TSC64Y	LM13845	1766
	3600	447TSC	95.0	1.15	460	SD2P350TSC64Y	LM13802	1766
	1800	447TC	96.2	1.15	460	SD4B350TC64Y	LM13846	1766
	1800	447TC	95.4	1.15	460	SD4P350TC64Y	LM13803	1766
400	3600	449TSC	96.2	1.15	460	SD2B400TSC64Y	LM13848	2133
	3600	449TSC	95.4	1.15	460	SD2P400TSC64Y	LM13805	2133
	1800	449TC	95.8	1.15	460	SD4B400TC64Y	LM13849	2133
	1800	449TC	95.4	1.15	460	SD4P400TC64Y	LM13806	2133
450	3600	449TSC	95.8	1.15	460	SD2B450TSC64Y	LM13850	2133
	3600	449TSC	95.8	1.00	460	SD2P450TSC64Y	LM13807	2133
	1800	449TC	96.2	1.15	460	SD4B450TC64Y	LM13718	2133
	1800	449TC	95.8	1.00	460	SD4P450TC64Y	LM13808	2133

C-FACE FOOTLESS

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1/3	3600	56C	66.0	1.35	230/460	SRD2S0.33TCN61	LM24909	19
	1800	S56	67.0	1.35	230/460	SRD4S0.33TCN61	LM24910	15
1/2	3600	56C	66.0	1.25	230/460	SRD2S0.5TCN61	LM24911	19
	1800	S56	70.0	1.25	230/460	SRD4S0.5TCN61	LM24912	17
	1200	56C	68.0	1.25	230/460	SRD6S0.5TCN61	LM24913	21
3/4	3600	56C	74.0	1.25	230/460	SRD2S0.75TCN61	LM24914	20
	1800	56C	75.5	1.15	230/460	SRD4S0.75TCN61	LM24915	20
1	3600	56C	74.0	1.25	230/460	SRD2S1TCN61	LM24916	22
	1800	S56	76.5	1.15	230/460	SRD4S1TCN61	LM24917	22
	1800	143TC	77.0	1.15	230/460	SSD4P1TCN61	LM32790	27
1 1/2	3600	56C	80.0	1.15	230/460	SRD2S1.5TCN61	LM24919	23
	1800	56HC	80.0	1.15	230/460	SRD4S1.5TCN61	LM24160	27
	1800	145TC	80.0	1.15	230/460	SSD4P1.5TCN61	LM32791	29
2	3600	56HC	80.0	1.15	230/460	SRD2S2TCN61	LM24921	25
	1800	56HC	81.5	1.15	230/460	SRD4S2TCN61	LM24131	33
	1800	145TC	84.0	1.15	230/460	SSD4P2TCN61	LM32792	35
3	3600	56HC	84.0	1.15	230/460	SRD2S3TCN61	LM24923	31
	3600	145TC	86.5	1.15	230/460	SSD2P3TCN61	LM32793	33
	1800	182TC	81.5	1.15	230/460	SSD4P3TCN61	LM32794	63
5	1800	184TC	87.5	1.25	230/460	SSD4P5TCN61	LM24234	93
7 1/2	1800	213TC	88.5	1.15	230/460	SSD4P7.5TCN61	LM32800	95
10	1800	215TC	89.5	1.15	230/460	SSD4P10TCN61	LM32801	128

Product numbers in red are STOCK items.
Specifications are subject to change without notice



TEFC

**208, 230/460 AND 460 VOLTS • 3-PHASE
FOOT MOUNT & C-FACE
1/4 TO 400 HP**

C-FACE WITH FEET

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1/4	1800	S56	62.5	1.15	230/460	SRF4S0.25TC61	LM24946	21
1/3	1800	S56	65.5	1.15	230/460	SRF4S0.33TC61	LM24114	21
	1200	56C	62.0	1.15	230/460	SRF6S0.33TC61	LM24948	22
1/2	3600	56C	69.0	1.15	230/460	SRF2S0.5TC61	LM24129	22
	1800	S56	70.0	1.15	230/460	SRF4S0.5TC61	LM24074	18
	1200	56C	68.0	1.15	230/460	SRF6S0.5TC61	LM24104	24
	900	143TC	66.0	1.15	230/460	SSF8S0.5TC61	LM24949	31
3/4	3600	56C	74.0	1.15	230/460	SRF2S0.75TC61	LM24134	22
	1800	S56	75.5	1.15	230/460	SRF4S0.75TC61	LM24076	20
	1200	56C	74.0	1.15	230/460	SRF6S0.75TC61	LM24140	26
	1200	143TC	74.0	1.15	230/460	SSF6S0.75TC61	LM24273	28
	900	145TC	70.0	1.15	230/460	SSF8S0.75TC61	LM24265	49
1	3600	56C	74.0	1.15	230/460	SRF2S1TC61	LM24126	25
	1800	56C	77.0	1.15	230/460	SRF4S1TC61	LM24079	28
	1800	143TC	85.5	1.25	230/460	SSF4B1TC61	LM32822	41
	1200	56HC	78.5	1.15	230/460	SRF6S1TC61	LM24349	38
	1200	145TC	82.5	1.25	230/460	SSF6B1TC61	LM32823	47
1 1/2	900	182TC	74.0	1.15	230/460	AAF8P1TC61	LM32692	68
	3600	56C	80.0	1.15	230/460	SRF2S1.5TC61	LM24135	41
	3600	143TC	84.0	1.25	230/460	SSF2B1.5TC61	LM32824	41
	1800	56HC	80.0	1.15	230/460	SRF4S1.5TC61	LM24095	31
	1800	145TC	86.5	1.25	230/460	SSF4B1.5TC61	LM32825	44
	1200	182TC	87.5	1.25	230/460	AAF6B1.5TC61	LM16728	95
	1200	182TC	87.5	1.15	230/460	SSF6B1.5TC61	LM32826	54
2	900	184TC	77.0	1.15	230/460	AAF8P1.5TC61	LM32827	75
	3600	56HC	82.5	1.15	230/460	SRF2S2TC61	LM24121	38
	3600	145TC	85.5	1.25	230/460	SSF2B2TC61	LM32828	40
	1800	56HC	82.5	1.15	230/460	SRF4S2TC61	LM24081	50
	1800	145TC	86.5	1.25	230/460	SSF4B2TC61	LM32829	46
	1200	184TC	87.5	1.25	230/460	AAF6B2TC61	LM16739	104
	1200	184TC	88.5	1.15	230/460	SSF6B2TC61	LM32830	56
	900	213TC	82.5	1.15	230/460	AAF8P2TC61	LM32831	107
3	3600	56HC	84.0	1.15	230/460	SRF2S3TC61	LM24953	53
	3600	182TC	87.5	1.25	230/460	AAF2B3TC61	LM16741	95
	1800	182TC	90.2	1.25	230/460	AAF4B3TC61	LM16742	95
	1800	213TC	89.5	1.25	230/460	AAF4B3TC61AP23	LM71009	75
	1200	213TC	89.5	1.25	230/460	AF6B3TC61	LM16744	138
	1200	213TC	89.5	1.15	230/460	SSF6B3TC61	LM32833	90
	900	215TC	84.0	1.15	230/460	AF8P3TC61	LM32834	125
	5	3600	184TC	89.5	1.25	230/460	AAF2B5TC61	LM16745	104
1800		184TC	90.2	1.25	230/460	AAF4B5TC61	LM16747	104
1800		184TC	90.2	1.25	230/460	AAF4B3TC61AP23	LM71010	85
1200		215TC	89.5	1.25	230/460	AF6B5TC61	LM16748	149
1200		215TC	89.5	1.15	230/460	SSF6B5TC61	LM32835	115
900		254TC	85.5	1.15	230/460	AF8P5TC61	LM32836	167

Product numbers in red are STOCK items.
Specifications are subject to change without notice

TEFC CAST IRON
208, 230/460 VOLTS • 3-PHASE
FOOT MOUNT & C-FACE
1 TO 400 HP



FOOT MOUNT (cont'd)

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
125	3600	444TS	95.0	1.15	230/460	CCF2B125T64AP21	LM60064	1950
	1800	444T	95.4	1.15	460	CCF4B125T64Y	LM19765	1874
	1800	444T	95.4	1.15	230/460	CCF4B125T64AP21	LM60065	1596
	1200	445T	95.0	1.15	230/460	CCF6B125T64AP21	LM60066	1316
150	3600	445TS	95.0	1.15	230/460	CCF2B150T64AP21	LM60067	1627
	1800	445T	95.8	1.15	460	CCF4B150T64Y	LM19768	2070
	1800	445T	95.8	1.15	230/460	CCF4B150T64AP21	LM60068	2230
	1200	445/447T	95.8	1.15	230/460	CCF6B150T64AP21	LM60069	1445
200	3600	445/447TS	95.4	1.15	230/460	CCF2B200T64AP21	LM60070	2227
	1800	445/7T	96.2	1.15	230/460	CCF4B200T64AP21	LM60071	2542
	1200	447/9T	95.8	1.15	230/460	CCF6B200T64AP21	LM60072	1977
250	3600	449TS	95.4	1.15	460	CCF2P250TS64Y	LM19571	2685
	1800	449T	95.0	1.15	460	CCF4P250T64Y	LM19572	2760
	1200	449T	95.4	1.15	460	CCF6P250T64Y	LM30826	3408
300	3600	449TS	95.4	1.15	460	CCF2P300TS64Y	LM19574	2850
	1800	449T	95.0	1.15	460	CCF4P300T64Y	LM19575	2980
	1200	449T	95.4	1.00	460	CCF6P300T64Y	LM19576	3440
350	3600	449TS	95.4	1.15	460	CCF2P350TS64Y	LM19577	3050
	1800	449T	95.4	1.15	460	CCF4P350T64Y	LM19578	3218
400	1800	449T	95.8	1.00	460	CCF4P400T64Y	LM19580	3263

C-FACE

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
3	3600	182TC	86.5	1.15	230/460	CCF2B3TC61AP21	LM62016	97
	1800	182TC	89.5	1.15	230/460	CCF4B3TC61AP21	LM62017	104
5	3600	184TC	88.5	1.15	230/460	CCF2B5TC61AP21	LM62019	105
	1800	184TC	89.5	1.15	230/460	CCF4B5TC61AP21	LM62020	109
7 1/2	3600	213TC	89.5	1.15	230/460	CCF2B7.5TC61AP21	LM62085	155
	1800	213TC	91.7	1.15	230/460	CCF4B7.5TC61AP21	LM62024	160
10	3600	213TC	90.2	1.15	230/460	CCF2B10TC61AP21	LM62025	181
	1800	215TC	91.7	1.15	230/460	CCF4B10TC61AP21	LM62026	181
15	3600	215TC	91.0	1.15	230/460	CCF2B15TC61AP21	LM62028	282
	1800	254TC	92.4	1.15	230/460	CCF4B15TC61AP21	LM62029	280
20	3600	256TC	91.0	1.15	230/460	CCF2B20TC61AP21	LM62031	316
	1800	256TC	93.0	1.15	230/460	CCF4B20TC61AP21	LM62032	322
25	3600	284TSC	91.7	1.15	230/460	CCF2B25TC61AP21	LM62034	383
	1800	284TC	93.6	1.15	230/460	CCF4B25TC61AP21	LM62035	385
30	1800	286TC	93.6	1.15	230/460	CCF4B30TC61AP21	LM62038	432
40	1800	324TC	94.1	1.15	230/460	CCF4B40TC61AP21	LM62041	528
50	1800	326TC	94.5	1.15	230/460	CCF4B50TC61AP21	LM62044	587
60	1800	364TC	95.0	1.15	230/460	CCF4B60TC61AP21	LM62047	666
75	1800	365TC	95.4	1.15	230/460	CCF4B75TC61AP21	LM62050	733
100	1800	405TC	95.4	1.15	230/460	CCF4B100TC61AP21	LM62053	1070

Product numbers in red are STOCK items.

Specifications are subject to change without notice