

# 575 & 200-208 VOLT MOTORS

THREE PHASE



AC MOTORS



## 575 VOLT • THREE PHASE • TEFC • RIGID BASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 575 V.	% F.L. Eff.	"C" Dim. (Inches)
1/2	3600	56	110714.00●	25	575	0.6	82.5	10.40
	1800	56	110199.00●†	25	575	0.8	78.5	9.88
	1800	S56	101051.00	24	575	0.8	68.0	9.94
3/4	3600	56	110354.00	22	575	0.9	75.5	10.81
	1800	56	110178.00	22	575	1.1	77.0	10.81
	1200	56	111394.00	30	575	1.2	75.5	11.81
1	3600	56	110715.00	24	575	1.3	77.0	10.81
	1800	56	110206.00	24	575	1.5	77.0	11.31
	1800	143T	121937.00	32	575	1.1	85.5	13.25
	1200	145T	121938.00	47	575	1.4	82.5	13.75
1 1/2	3600	145T	121939.00	33	575	1.6	84.0	13.25
	1800	56	110893.00	30	575	2.0	78.5	11.81
	1800	145T	121940.00	34	575	1.8	86.5	13.75
	1200	182T	132251.00	89	575	2.5	87.5	15.96
2	3600	145T	121941.00	44	575	2.1	85.5	13.75
	1800	145T	121942.00	45	575	2.2	86.5	14.76
	1200	184T	132252.00	92	575	2.9	88.5	15.96
3	3600	145T	171624.60	66	575	3.0	86.5	13.96
	1800	182T	132253.00	80	575	3.3	89.5	14.96
5	3600	184T	132254.00	88	575	4.8	88.5	16.46
	1800	184T	132255.00	94	575	5.2	89.5	15.96
7 1/2	3600	213T	170196.60	156	575	7.4	90.2	19.84
	1800	213T	141116.00	144	575	8.2	91.7	18.7
10	3600	215T	170197.60	181	575	9.5	91.7	19.61
	1800	215T	170212.60	177	575	10.1	91.7	19.61
15	3600	254T	170198.60	282	575	13.8	92.4	23.19
	1800	254T	170116.60	280	575	14.8	92.4	23.19
20	3600	256T	170199.60	316	575	18.4	92.4	24.92
	1800	256T	170117.60	322	575	19.2	93.0	24.92
25	3600	284TS	170224.60	383	575	22.0	93.0	24.88
	1800	284T	170118.60	385	575	23.7	93.6	26.26
30	3600	286TS	170228.60	385	575	26.2	93.0	26.46
	1800	286T	170119.60	432	575	29.0	94.1	27.83
40	3600	324TS	170232.60	504	575	36.0	93.6	28.03
	1800	324TS	170120.60	528	575	38.1	94.1	29.53
50	1800	326T	170121.60	587	575	46.7	94.5	31.02
60	1800	364T	170239.60	666	575	54.4	95.4	32.64
75	1800	365T	170244.60	733	575	68.7	95.8	33.62
100	1800	405T	170253.60	1070	575	89.6	95.4	37.91

Other stock 575V motors are available from LEESON through our Canadian facility. Contact LEESON for availability.

- These motors are totally enclosed, non-ventilated, all others totally enclosed fan cooled.
- † Class F insulated.
- ♣ 1.0 Service Factor, Class F insulation.
- ~ Open fan cooled design.
- A Subject to Availability.

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

## 575 VOLT • TEFC • C FACE LESS BASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 575 V.	% F.L. Eff.	"C" Dim. (Inches)
1/2	1800	56C	110176.00●†	20	575	0.8	79.0	9.94
3/4	1800	56C	110177.00	21	575	1.1	77.0	10.81
	1800	56C	110204.00	30	575	1.5	77.0	11.31
1	1800	143TC	G120176.00	32	575	1.2	82.5	12.25
	1800	56C	111444.00	33	575	2.0	78.5	11.81
1 1/2	1800	145TC	G120177.00	31	575	1.8	84.0	12.75
	3600	56C	111611.00	34	575	2.2	82.5	12.31
2	1800	145TC	G120178.00	45	575	2.25	84.0	13.75
	1800	182TC	G131498.00	68	575	3.3	87.5	13.97
5	1800	184TC	G131499.00	76	575	5.2	87.5	14.97



## 200-208 VOLT/400-416 VOLT • THREE PHASE DRIP-PROOF • RIGID BASE

HP	SYN RPM 60 Hz	NEMA Frame	Catalog Number	App. Wgt. (lbs.)	Voltage	F.L. Amps 200 V.	% F.L. Eff.	"C" Dim. (Inches)
5	1800	184T	G131500.00	62	200-208/400-416	15.4	86.0	13.19
7 1/2	1800	213T	G141124.00~	133	200-208/400-416	22.0	84.0	17.09
10	1800	215T	G140004.00	138	200-208/400-416	32.0	86.5	15.76

## 200-208 VOLT/400-416 VOLT • THREE PHASE TEFC • RIGID BASE

HP	SYN RPM 60 Hz	NEMA Frame	App. Catalog Number	Wgt. (lbs.)	F.L. Voltage	Amps 200 V.	% F.L. Eff.	"C" Dim. (Inches)
1	1800	56	110255.00	30	200-208	4.4	77.0	11.31
	1800	143T	G120047.00 A	32	200-208	4.4	77.0	12.75
1 1/2	1800	145T	G120032.00 A	35	200-208	5.6	80.0	12.75
2	1800	145T	G120034.00†A	38	200-208	7.2	81.5	12.75
3	3600	182T	G131465.00	82	200-208/400-416	10.0	84.0	12.96
5	1800	184T	G131466.00	63	200-208/400-416	15.4	86.0	13.96
7 1/2	1800	213T	G141123.00♣A	144	200-208/400-416	23.0	87.0	17.58
10	1800	215T	G140013.00	168	200-208/400-416	29.6	87.5	18.21

All 200-208 motors have a 1.15 Service Factor, Class F insulation

Catalog Numbers in Green are EPACT Motors.

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

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

Specifications are subject to change without notice

# ODP & TEFC 200/400 VOLT MOTORS

**3-PHASE  
FOOT MOUNT & C-FACE  
1/3 TO 125 HP**

**Features:**

- Perfect choice for 208 V systems
- Premium Insulation Systems  
56 frames: Class B  
143T-445T frames: Class F
- Continuous Duty
- Y-delta start capability frames 284T and larger



**Applications:**

ODP: Ideally suited for use where water and dust exposure is minimal.

TEFC: Ideally suited for use where exposure to water, dust and corrosives exists.

Both for use on pumps, compressors, fans, blowers, conveyors, direct-coupled or belt driven applications.

**Supporting Information:**

Dimensions and Performance: contact your local sales office.

**ODP • FOOT MOUNT**

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
1/2	1800	56	70.0	1.25	200/400	SRD4S0.5T62	LM24156	17
	1200	56	74.0	1.25	200/400	SRD6S0.5T62	LM25599	-
3/4	3600	56	72.0	1.25	200/400	RD2S0.75T62	LM05332	26
	1800	56	75.5	1.25	200/400	SRD4S0.75T62	LM24163	23
	1200	56	72.0	1.15	200/400	RD6S0.75T62	LM05345	26
1	3600	56	75.5	1.25	200/400	RD2S1T62	LM05342	26
	1800	143T	82.5	1.15	200/400	SD4P1T62	LM33053	32
	1200	145T	80.0	1.15	200/400	SD6P1T62	LM33054	36
1 1/2	3600	143T	82.5	1.15	200/400	SD2P1.5T62	LM33055	32
	1800	145T	84.0	1.15	200/400	SD4P1.5T62	LM33056	35
2	1800	145T	84.0	1.15	200/400	SSD4P2T62	LM33057	48
3	3600	145T	84.0	1.15	200/400	SD2P3T62	LM33058	38
	1800	182T	86.5	1.15	200/400	SSD4P3T62	LM33059	75
	1200	213T	86.5	1.15	200/400	SD6P3T62	LM33060	99
5	3600	182T	85.5	1.15	200/400	SD2P5T62	LM33061	58
	1800	184T	87.5	1.15	200/400	SSD4P5T62	LM33062	82
	1200	215T	87.5	1.15	200/400	SD6P5T62	LM33063	115
7 1/2	3600	184T	87.5	1.15	200/400	SSD2P7.5T62	LM33064	85
	1800	213T	88.5	1.15	200/400	SSD4P7.5T62	LM24229	103
10	1800	215T	89.5	1.15	200/400	SSD4P10T62	LM32681	120

Product numbers in red are STOCK items.

Specifications are subject to change without notice

# ODP & TEFC 200/400 VOLT MOTORS



3-PHASE  
FOOT MOUNT & C-FACE  
1/3 TO 125 HP

AC MOTORS

## ODP • FOOT MOUNT (cont'd)

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
15	1800	254T	91.0	1.15	200/400	SSD4P15T62	LM26334	164
20	3600	254T	90.2	1.15	200/400	SSD2P20T62	LM33065	200
	1800	256T	91.0	1.15	200/400	SSD4P20T62	LM32675	200
25	3600	256T	91.0	1.15	200/400	SSD2P25T62	LM33066	250
	1800	284T	91.7	1.15	200/400	SD4P25T62	LM33067	278
30	3600	284TS	91.0	1.15	200/400	SD2P30TS62	LM32683	285
	1800	286T	92.4	1.15	200/400	SD4P30T62	LM32670	325
40	3600	286TS	91.7	1.15	200/400	SD2S40TS62	LM33068	325
	1800	324T	93.0	1.15	200/400	SD4S40T62	LM32680	378
50	3600	324TS	92.4	1.15	200/400	SD2S50TS62	LM33069	410
	1800	326T	93.0	1.15	200/400	SD4S50T62	LM33070	444
60	3600	326TS	93.0	1.15	200/400	SD2S60TS62	LM33071	462
	1800	364T	93.6	1.15	200/400	SD4S60T62	LM33072	575
75	3600	364TS	93.0	1.15	200/400	SD2S75TS62	LM33073	618
	1800	365T	94.1	1.15	200/400	SD4S75T62	LM33074	660
100	3600	365TS	93.0	1.15	200/400	SD2S100TS62	LM33075	680
	1800	404T	94.1	1.15	200/400	SD4S100T62	LM33076	767
125	1800	405T	94.5	1.15	200/400	SD4S125T62	LM33077	910

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# ODP & TEFC 200/400 VOLT MOTORS

3-PHASE  
FOOT MOUNT & C-FACE  
1/3 TO 125 HP

## TEFC • FOOT MOUNT

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
0.33	1800	56	72.0	1.15	200/400	SRF4S0.33T62	LM02676	28
0.5	1800	56	74.0	1.15	200/400	SRF4S0.5T62	LM02682	28
	1200	56	70.0	1.15	200/400	SRF6S0.5T62	LM02679	28
0.75	3600	56	74.0	1.15	200/400	SRF2S0.75T62	LM02694	28
	1800	56	74.0	1.15	200/400	SRF4S0.75T62	LM02691	TBD
	1200	56	74.0	1.15	200/400	SRF6S0.75T62	LM02688	28
1	3600	56	75.5	1.15	200/400	SRF2S1T62	LM02703	28
	1800	56	78.5	1.15	200/400	SRF4S1T62	LM02700	28
	1800	143T	82.5	1.15	200/400	SS4P1T62	LM33078	32
	1200	56H	72.0	1.15	200/400	SRF6S1T62	LM02697	36
	1200	145T	80.0	1.15	200/400	SSF6P1T62	LM33079	38
	900	182T	74.0	1.15	200/400	AF8S1T62	LM33080	68
1.5	3600	143T	82.5	1.15	200/400	SSF2P1.5T62	LM33081	42
	1800	56H	80.0	1.15	200/400	SRF4S1.5T62	LM02706	36
	1800	145T	84.0	1.15	200/400	SF4P1.5T62	LM33083	72
	1200	182T	85.5	1.15	200/400	AF6P1.5T62	LM33082	76
2	3600	56H	78.5	1.15	200/400	SRF2S2T62	LM02715	36
	1800	56H	80.0	1.15	200/400	SRF4S2T62	LM02712	36
	1800	145T	84.0	1.15	200/400	SSF4P2T62	LM33084	42
	1200	184T	86.5	1.15	200/400	AF6P2T62	LM33085	76
	900	213T	82.5	1.15	200/400	AF8P2T62	LM33086	107
3	3600	182T	85.5	1.15	200/400	AF2P3T62	LM33087	73
	1800	182T	87.5	1.15	200/400	AF4P3T62	LM33088	78
	1200	213T	87.5	1.15	200/400	AF6P3T62	LM33089	100
	900	215T	84.0	1.15	200/400	AF8P3T62	LM33090	125
5	3600	184T	87.5	1.15	200/400	AF2P5T62	LM33091	80
	1800	184T	87.5	1.15	200/400	AF4P5T62	LM33092	80
	1200	215T	87.5	1.15	200/400	AF6P5T62	LM33093	122
	900	254T	85.5	1.15	200/400	AF8P5T62	LM33094	125
7.5	3600	213T	88.5	1.15	200/400	AF2P7.5T62	LM33095	110
	1800	213T	89.5	1.15	200/400	AF4P7.5T62	LM33096	108
	1200	254T	89.5	1.15	200/400	AF6P7.5T62	LM33097	165
	900	256T	85.5	1.15	200/400	AF8P7.5T62	LM33098	202
10	3600	215T	89.5	1.15	200/400	AF2P10T62	LM33099	124
	1800	215T	89.5	1.15	200/400	AF4P10T62	LM32690	126
	1200	256T	89.5	1.15	200/400	AF6P10T62	LM33100	205
15	3600	254T	90.2	1.15	200/400	AF2P15T62	LM33101	172
	1800	254T	91.0	1.15	200/400	AF4P15T62	LM32691	152
20	3600	256T	90.2	1.15	200/400	AF2P20T62	LM33102	205
	1800	256T	91.0	1.15	200/400	AF4P20T62	LM33103	202
25	1200	324T	91.7	1.15	200/400	SF6P25T62	LM33104	479

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# ODP & TEFC 200/400 VOLT MOTORS



**3-PHASE  
FOOT MOUNT & C-FACE  
1/3 TO 125 HP**

AC MOTORS

## TEFC • FOOT MOUNT (cont'd)

HP	SYN RPM	Frame	FL Nom Eff (%)	SF	Volts	Model Number	Product Number	Approx Shpg Wght (lbs)
<b>30</b>	1200	326T	91.7	1.15	200/400	SF6P30T62	<b>LM33105</b>	355
<b>40</b>	3600	324TS	91.7	1.15	200/400	SF2P40TS62	<b>LM02323</b>	396
	1800	324T	93.0	1.15	200/400	SF4P40T62	<b>LM02005</b>	479
	1200	364T	91.7	1.15	200/400	SF6P40T62	<b>LM02578</b>	724
<b>50</b>	3600	326TS	92.4	1.15	200/400	SF2P50TS62	<b>LM02159</b>	479
	1800	326T	93.0	1.15	200/400	SF4P50T62	<b>LM02010</b>	532
	1200	365T	93.0	1.15	200/400	SF6P50T62	<b>LM02460</b>	775
<b>60</b>	3600	364TS	93.0	1.15	200/400	SF2P60TS62	<b>LM02579</b>	532
	1800	364T	93.6	1.15	200/400	SF4P60T62	<b>LM02386</b>	724
<b>75</b>	3600	365TS	93.0	1.15	200/400	SF2P75TS62	<b>LM02921</b>	724
	1800	365T	94.1	1.15	200/400	SF4P75T62	<b>LM02394</b>	775
<b>100</b>	1800	405T	94.5	1.15	200/400	SF4P100T62	<b>LM02444</b>	898

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