

**Three Phase,  
Two Speed, TEFC,  
Foot Mounted**

**3/4 thru 25 Hp**

**NEMA 56 thru 324T**

**Applications:** Fans, blowers, machine tools, hoists, conveyors, pumps.

**Features:** Designed for use in applications in which multiple speeds are required. Heavy duty steel or cast-iron frames, ball bearing, dynamically balanced rotors.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)
<b>Constant Torque, One Winding, Low Voltage</b>										
1/5	1800/900	143T	<b>M1504T</b>	1,132	L1	13.31	36	208-230	2.8	71
1.5/7.5	1800/900	145T	<b>M1505T</b>	1,196	L1	14.19	46	230	4.1	8, 71
2/1	1800/900	184T	<b>M1506T</b>	1,452	L1	16.54	65	208-230	5.2	71
3/1.5	1800/900	184T	<b>M1507T</b>	1,644	L1	18.04	82	230	8.3	1, 71
5/2.5	1800/900	215T	<b>M1508T</b>	2,148	L1	19.01	135	208-230	13	71
7.5/3.8	1800/900	215T	<b>M1509T</b>	2,797	L1	20.51	130	230	18.9	1, 71
10/5	1800/900	254T	<b>M1510T</b>	4,308	L1	23.28	269	230	25.6	1, 71
<b>Constant Torque, One Winding, High Voltage</b>										
1/5	1800/900	143T	<b>M1704T</b>	1,132	L1	14.19	43	460	1.4	71
1.5/7.5	1800/900	145T	<b>M1705T</b>	1,196	L1	14.19	50	460	2.1	8, 71
2/1	1800/900	184T	<b>M1706T</b>	1,452	L1	16.54	65	460	2.8	71
3/1.5	1800/900	184T	<b>M1707T</b>	1,644	L1	18.04	84	460	4.2	1, 71
5/2.5	1800/900	215T	<b>M1708T</b>	2,148	L1	19.01	112	460	6.5	71
7.5/3.8	1800/900	215T	<b>M1709T</b>	2,797	L1	20.51	168	460	9.4	1, 71
10/5	1800/900	254T	<b>M1710T</b>	4,308	L1	23.28	269	460	13	1, 71
15/7.5	1800/900	256T	<b>M1711T</b>	4,988	L1	23.28	265	460	19.2	1, 71
20/10	1800/900	284T	<b>M1712T</b>	6,338	L1	27.76	378	460	25	1, 71
25/13	1800/900	286T	<b>M1713T</b>	7,694	L1	27.76	396	460	29	1, 71
<b>Variable Torque, One Winding, Low Voltage</b>										
1/25	1800/900	143T	<b>M1554T</b>	798	L1	12.31	31	208-230	1	71
1.5/38	1800/900	145T	<b>M1555T</b>	829	L1	13.31	38	208-230	4.8	71
2/5	1800/900	145T	<b>M1556T</b>	963	L1	13.31	42	208-230	6.1	71
3/7.5	1800/900	184T	<b>M1557T</b>	1,036	L1	16.54	65	208-230	3	1, 71
5/1.3	1800/900	184T	<b>M1558T</b>	1,318	L1	18.04	83	208-230	13.5	71
7.5/1.9	1800/900	215T	<b>M1559T</b>	1,874	L1	19.01	125	230	18.5	1, 71
<b>Variable Torque, One Winding, High Voltage</b>										
1/25	1800/900	143T	<b>M1754T</b>	798	L1	12.31	32	460	1.7	1, 71
1.5/38	1800/900	145T	<b>M1755T</b>	829	L1	13.31	38	460	2.3	71
2/5	1800/900	145T	<b>M1756T</b>	963	L1	14.19	45	460	3	71
3/7.5	1800/900	184T	<b>M1757T</b>	1,036	L1	16.54	63	460	4	1, 71
5/1.3	1800/900	184T	<b>M1758T</b>	1,318	L1	18.04	81	460	6.7	1, 71
7.5/1.9	1800/900	215T	<b>M1759T</b>	1,857	L1	19.01	125	460	9.3	1, 71
10/2.5	1800/900	215T	<b>M1760T</b>	2,187	L1	20.52	160	460	12.5	8, 71
15/3.75	1800/900	254T	<b>M1761T</b>	3,023	L1	23.28	248	460	19.6	1, 71
20/5	1800/900	284T	<b>M1762T</b>	3,574	L1	27.76	337	460	26	1, 71
25/6.3	1800/900	286T	<b>M1763T</b>	4,147	L1	27.76	363	460	32	1, 71
<b>Variable Torque, Two Windings, Low Voltage</b>										
.75/33	1800/1200	56	<b>M1519</b>	882	K	13.23	34	230	2.8	71
1/44	1800/1200	145T	<b>M1520T</b>	921	L1	13.31	38	208-230	3	71
1.5/67	1800/1200	182T	<b>M1521T</b>	1,138	L1	15.17	56	208-230	4.4	71
2/89	1800/1200	182T	<b>M1522T</b>	1,305	L1	16.54	64	208-230	5.8	71
3/1.3	1800/1200	184T	<b>M1523T</b>	1,527	L1	16.54	71	208-230	8	1, 71
5/2.2	1800/1200	215T	<b>M1524T</b>	2,392	L1	19.01	114	230	12.8	1, 71

(a) See notes on inside back flap.

■ Cast Iron Frame

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes

**Three Phase, Two Speed, TEFC, Foot Mounted**

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)
<b>Variable Torque, Two Windings, High Voltage</b>										
.5/.22	1800/1200	56	<b>M1718</b>	822	K	12.23	30	460	1.1	71
.75/.33	1800/1200	56	<b>M1719</b>	909	K	12.23	32	460	1.4	71
1/.44	1800/1200	145T	<b>M1720T</b>	921	L1	13.31	37	460	1.6	71
1.5/.67	1800/1200	182T	<b>M1721T</b>	1,138	L1	14.26	55	460	2.2	71
2/.89	1800/1200	182T	<b>M1722T</b>	1,305	L1	16.52	59	460	2.8	71
3/1.3	1800/1200	184T	<b>M1723T</b>	1,527	L1	16.54	73	460	4	1, 71
5/2.2	1800/1200	215T	<b>M1724T</b>	2,392	L1	19.01	128	460	6.4	1, 71
7.5/3.3	1800/1200	254T	<b>M1725T</b>	3,092	L1	23.28	219	460	10.3	1, 71
10/4.4	1800/1200	254T	<b>M1726T</b>	3,559	L1	21.07	233	460	12.5	1, 71
15/6.7	1800/1200	284T	<b>M1727T</b>	4,223	L1	27.76	356	460	19.3	1, 71
20/8.9	1800/1200	286T	<b>M1728T</b>	5,726	L1	27.76	376	460	27	1, 71
25/11	1800/1200	324T	<b>M1729T</b>	6,032	L1	30.28	510	460	30	1, 71

(a) See notes on inside back flap.

■ Cast Iron Frame

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Starters & Dynamic Brakes

**Three Phase,  
Two Speed, ODP,  
Foot Mounted**

**1/2 thru 25 Hp**

**NEMA 56 thru 286T**

**Applications:** Fans, blowers, and pumps.

**Features:** Designed for use in applications in which multiple speeds are required. Heavy duty steel or cast-iron frames, ball bearing, dynamically balanced rotors.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes <sup>(a)</sup>
<b>Variable Torque, One Winding, Low Voltage</b>										
1/2.25	1800/900	143T	<b>M1004T</b>	760	L1	11.12	33	208-230	3	
1.5/3.8	1800/900	145T	<b>M1005T</b>	790	L1	12.13	35	208-230	4.4	
2/5	1800/900	145T	<b>M1006T</b>	912	L1	12.13	40	230	6.1	
3/7.5	1800/900	184T	<b>M1007T</b>	980	L1	13.62	56	208-230	3	
5/1.3	1800/900	184T	<b>M1008T</b>	1,180	L1	15.00	69	230	13.2	1
7.5/1.9	1800/900	215T	<b>M1009T</b>	1,685	L1	16.32	111	230	20	
10/2.5	1800/900	215T	<b>M1010T</b>	1,910	L1	17.45	131	208-230	25	1
<b>Variable Torque, One Winding, High Voltage</b>										
1/2.25	1800/900	143T	<b>M1204T</b>	760	L1	11.12	33	460	1.5	
1.5/3.8	1800/900	145T	<b>M1205T</b>	790	L1	12.13	35	460	2.2	
2/5	1800/900	145T	<b>M1206T</b>	912	L1	12.13	41	460	3.1	
3/7.5	1800/900	184T	<b>M1207T</b>	980	L1	13.62	57	460	4	
5/1.3	1800/900	184T	<b>M1208T</b>	1,180	L1	15.00	72	460	6.6	1
7.5/1.9	1800/900	215T	<b>M1209T</b>	1,685	L1	16.32	112	460	10	
10/2.5	1800/900	215T	<b>M1210T</b>	1,910	L1	17.45	130	460	13	1
15/3.8	1800/900	254T	<b>M1211T</b>	2,683	L1	21.69	234	460	20	1
20/5	1800/900	256T	<b>M1212T</b>	3,288	L1	21.69	200	460	26	1
25/6.3	1800/900	284T	<b>M1213T</b>	3,859	L1	23.81	312	460	34	
<b>Variable Torque, Two Windings, Low Voltage</b>										
.75/3.3	1800/1200	56	<b>M1019</b>	816	K	12.07	34	230	2.8	
1/4.4	1800/1200	145T	<b>M1020T</b>	879	L1	12.13	39	230	3	
1.5/6.7	1800/1200	182T	<b>M1021T</b>	1,065	L1	13.62	56	208-230	4.4	
2/8.9	1800/1200	182T	<b>M1022T</b>	1,215	L1	15.00	62	230	5.8	
3/1.3	1800/1200	184T	<b>M1023T</b>	1,415	L1	15.00	69	230	8	
5/2.2	1800/1200	215T	<b>M1024T</b>	2,178	L1	16.32	113	230	12.8	1
7.5/3.3	1800/1200	256T	<b>M1025T</b>	2,896	L1	22.25	211	230	19.4	
<b>Variable Torque, Two Windings, High Voltage</b>										
.5/2.2	1800/1200	56	<b>M1218</b>	777	K	11.07	30	460	0.9	
.75/3.3	1800/1200	56	<b>M1219</b>	816	K	12.07	34	460	1.4	
1/4.4	1800/1200	145T	<b>M1220T</b>	879	L1	12.13	39	460	1.9	
1.5/6.7	1800/1200	182T	<b>M1221T</b>	1,065	L1	13.62	56	460	2.2	
2/8.9	1800/1200	182T	<b>M1222T</b>	1,215	L1	15.00	64	460	3	
3/1.3	1800/1200	184T	<b>M1223T</b>	1,415	L1	15.00	69	460	4	
5/2.2	1800/1200	215T	<b>M1224T</b>	2,178	L1	16.32	113	460	6.4	1
7.5/3.3	1800/1200	256T	<b>M1225T</b>	2,896	L1	22.25	209	460	9.9	
10/4.4	1800/1200	256T	<b>M1226T</b>	3,271	L1	22.25	237	460	12.7	1
15/6.7	1800/1200	284T	<b>M1227T</b>	3,969	L1	23.81	318	460	18.1	
20/8.9	1800/1200	286T	<b>M1228T</b>	5,323	L1	23.81	348	460	24	
25/11	1800/1200	286T	<b>M1229T</b>	5,715	L1	25.06	375	460	30	

<sup>(a)</sup> See notes on inside back flap.

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes

**Pressure Washer,  
Single Phase,  
TEFC and ODP**

**1-1/2 thru 5 Hp**

**NEMA 56 thru 184TC**



**Applications:** Pressure washers, steam cleaners, portable and self contained stationary system for direct drive mount and doubled mount designs.

**Features:** Ball bearing design. 1 1/2 horsepower ratings are rated at 14 amps or less on 115 volts. Manual thermal overload located in the conduit box. UL and CSA recognized component approval. Capacitor start, capacitor run (two value capacitor).

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Totally Enclosed Fan Cooled</b>											
1 1/2	3600	56	PL3513M	634	K	13.25	39	75.5	115/230	6.6	
	1800	56	PL3514M	842	K	14.12	50	82.5	115/230	6	
2	3600	56	PL3515M	767	K	13.25	43	77	115/230	8.8	1
	1800	56HZ	L3516TM	1,043	K	13.31	46	82.5	208-230	8.1	1, 57
3	3600	56	PL3519M	841	K	14.12	52	85.5	230	12.5	1, 30
	1800	184T	L3609TM	1,152	L1	16.54	95	78	115/230	14.5	2, 20
5	3600	184T	L3608TM	1,326	L1	18.05	92	83	230	19.5	2, 20
	1800	184T	L3612TM	1,339	L1	18.05	100	80	230	23	2, 20
<b>Totally Enclosed Fan Cooled, C-Face</b>											
1 1/2	3600	56C	PCL3513M	679	K	13.25	39	75.5	115/230	6.6	
	1800	56C	PCL3514M	885	K	14.12	51	82.5	115/230	6	
2	3600	56C	PCL3515M	805	K	13.24	43	77	115/230	8.8	1
	1800	145TC	CL3516TM	1,052	L1	14.16	52	78	208-230	8.3	1
3	3600	56C	PCL3519M	882	K	14.12	52	85.5	230	12.5	1, 30
	1800	184TC	CL3619TM	1,368	L1	16.54	81	81.5	230	13.2	2, 20
5	3600	184TC	CL3608TM	1,482	L1	18.05	102	83	230	19.5	2, 20
	1800	184TC	CL3612TM	1,434	L1	18.05	101	80	230	23	2, 20
<b>Open Drip Proof</b>											
1 1/2	3600	56H	PL1313M	552	K	11.75	37	75.5	115/230	6.6	36
	1800	56	PL1319M	732	K	12.06	42	74	115/230	7	
2	3600	56	PL1317M	719	K	12.06	43	77	115/230	8.8	
	1800	56	PL1322M	767	K	12.94	47	78.5	115/230	9.2	
3	3600	56	PL1326M	794	K	12.94	52	85.5	230	12.5	30
	1800	184T	L1408TM	958	L1	15.00	78	78	115/230	16	
5	3600	56/56H	PL1327M	818	K	13.81	57	74.2	230	23	2, 20, 30, 36
	1800	184T	L1410TM	1,165	L1	16.50	90	82.5	230	23	1, 30
<b>Open Drip Proof, C-Face</b>											
1 1/2	3600	56C	PCL1313M	598	K	12.06	39	75.5	115/230	6.6	
	1800	56C	PCL1319M	767	K	12.06	43	74	115/230	7	
2	3600	56C	PCL1317M	767	K	12.06	43	77	115/230	8.8	
	1800	56C	PCL1322M	795	K	12.94	48	78.5	115/230	9.2	
3	3600	56C	PCL1326M	841	K	12.94	52	85.5	230	12.5	30
	1800	184TC	CL1408TM	1,012	L1	15.00	87	78	115/230	16	
5	3600	56HCY	PCL1327M	861	K	14.11	58	74.2	230	23	2, 20, 30, 37, 47
	1800	184TC	CL1410TM	1,220	L1	16.50	99	82.5	230	23	1, 30

(a) See notes on inside back flap.

**BALDOR • RELIANCE**

**Metering Pump,  
Three Phase, TEFC,  
Foot Mounted**

**1/3 Hp**

**NEMA 48**

**Applications:** Metering pump systems primarily used to inject chemicals into irrigation distribution systems.

**Features:** TEFC industrial quality. Designed with conduit box at 12 o'clock position to facilitate mounting on existing chemical injection pumps. Epoxy paint. Designed for use at 230/460 volts 60hz or 190/380 volts 50hz.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/3	1800	48	MPM3458	391	K	10.72	20		230/460	0.8	2

(a) See notes on inside back flap.

**Arbor Saw,  
Three Phase, TEFC,  
Foot Mounted**

**7-1/2 thru 15 Hp**

**Applications:** Heavy duty circular saw applications. Machine tools.

**Features:** Low profile for maximum blade cutting depth. Supplied with keyway and unthreaded shaft suitable for right or left threading. (See "Mod Express" section for custom threading.) Double row ball bearings for maximum shaft stability in precision woodworking applications.



Hp	RPM	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	Notes (a)
7 1/2	3600	ASM6207	3,117	L1	16.73	99	230/460	9.2	1
10	3600	ASM6210	3,331	L1	16.73	98	208-230/460	11.5	
		ASM7510	3,883	L1	13.45	142	230/460	12	2
15	3600	ASM6215	3,883	L1	18.48	117	208-230/460	17	
		ASM7515	4,189	L1	14.45	146	208-230/460	16.5	2

(a) See notes on inside back flap.

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes

Woodworking,  
Single Phase, TEFC

1 thru 3 Hp

NEMA 48Z thru 184YZ

**Applications:** Woodworking equipment such as table saws, planers, etc.



**Features:** Motor swivels on rod for belt tensioning. Shaft supplied with full key and keyway. Extra high breakdown torques for maximum cutting power. 1.00 Service Factor.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	3600	48Z	WWL3509	496	K	13.35	33	65	115/230	6.3	67
2	3600	145TYZ	WWL3515T	809	L1	13.56	56	70	115/208-230	12	20, 65
3	3600	184YZ	WWL3606	1,034	L1	14.89	73	72	230	15.5	

(a) See notes on inside back flap.

Pre-1952 NEMA,  
Single and  
Three Phase,  
Foot Mounted

1/2 thru 5 Hp

NEMA 66 thru 254

**Applications:** Applications requiring pre-1952 NEMA frame dimensions.



**Features:** Heavy-gauge seam-welded base, ball bearings.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Single Phase, Totally Enclosed Fan Cooled</b>											
.5	1800	66	L3576M	696	K	13.62	37	64	115/230	4	
.75	1800	66	L3565M	827	K	13.62	41	66	115/230	5.3	
1	1800	66	L3566M	899	K	13.62	40	67	115/230	6.5	30
1.5	1800	66	L3567M	1,089	K	14.50	49	75.5	115/208-230	8	2, 65
<b>Three Phase, Totally Enclosed Fan Cooled</b>											
.5	1800	66	M3564	671	K	13.62	28	72	208-230/460	1.1	
.75	1800	66	M3565	705	K	13.62	31	72	230/460	1.5	30
1	1800	66	M3566	740	K	13.62	35	75.5	208-230/460	1.8	
1.5	1800	66	M3567	776	K	13.62	37	81.5	208-230/460	2.3	
<b>Single Phase, Open Drip Proof</b>											
1	1800	203	L1413	1,268	L1	14.37	52	70	115/230	7	30
1.5	1800	204	L1414	1,483	L1	14.37	59	68	115/230	9.5	30
<b>Three Phase, Open Drip Proof</b>											
1	1800	203	M3233	1,098	L1	14.38	50	77	208-230/460	1.6	
1.5	1800	204	M3234	1,164	L1	14.38	51	81.5	208-230/460	2.4	
2	1800	224	M3324	1,567	L1	16.32	79	79	208-230/460	3.3	
3	1800	225	M3325	1,614	L1	16.32	80	80	208-230/460	4.5	
5	1800	254	M3326	1,968	L1	18.32	92	84	208-230/460	6.8	

(a) See notes on inside back flap.

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Starters & Dynamic Brakes

**SAE Hydraulic  
Pump Motors,  
Three Phase,  
Continuous Duty**

**5 thru 10 Hp**

**NEMA 184TYZ thru 215TYZ**

**Applications:** Hydraulic pumps for lifts, trash compactors and other machinery.

**Features:** TEFC motors designed for continuous duty (may be used on intermittent duty applications). Base mount with SAE A or B pump mount face and shaft. F3 top-mounted conduit box.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
5	1800	184TYZ	HPM3615T	842	L1	13.50	81	87.5	208-230/460	6.8	
7 1/2	1800	213TYZ	HPM3710T	1,082	L1	14.66	118	89.5	208-230/460	10.1	
10	1800	215TYZ	HPM3714T	1,277	L1	15.79	136	89.5	208-230/460	13.5	

(a) See notes on inside back flap.

**F-2 Mount,  
Three Phase,  
TEFC and ODP,  
Foot Mounted**

**1 thru 60 Hp**

**NEMA 145T thru 364T**

**Applications:** Pumps, compressors, fans, conveyors, machine tools and other applications requiring three phase F-2 mounted motors.

**Features:** Copper windings, ball bearings, heavy-gauge steel frame with base seam-welded. EFM Super-E® motors have NEMA Premium® efficiency and 3 year warranty.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Totally Enclosed Fan Cooled</b>											
2	1800	145T	<b>EFM3558T</b>	758	L1	14.19	46	86.5	208-230/460	2.9	1
3	1800	182T	<b>EFM3611T</b>	841	L1	16.55	73	89.5	208-230/460	4.2	1
5	1800	184T	<b>EFM3615T</b>	920	L1	18.06	87	89.5	208-230/460	6.7	1
7 1/2	1800	213T	<b>EFM3710T</b>	1,331	L1	19.01	127	91.7	208-230/460	9.4	1
10	1800	215T	<b>EFM3714T</b>	1,495	L1	20.51	165	91.7	208-230/460	12	1
15	1800	254T	<b>EFM2333T</b>	2,306	L1	23.16	255	92.4	230/460	18.5	1, 30
20	1800	256T	<b>EFM2334T</b>	2,794	L1	23.16	286	93	230/460	24	1, 30
25	1800	284T	<b>EFM4103T</b>	3,652	L1	27.76	394	93.6	230/460	30	1, 30
30	1800	286T	<b>EFM4104T</b>	4,337	L1	27.76	437	93.6	230/460	36	1, 30
<b>Open Drip Proof</b>											
1	1800	145T	<b>EFM3116T</b>	621	L1	11.12	38	85.5	208-230/460	1.5	1
1 1/2	1800	145T	<b>EFM3154T</b>	649	L1	11.62	37	86.5	230/460	2.2	1
2	1800	145T	<b>EFM3157T</b>	696	L1	12.12	43	86.5	230/460	2.9	1
3	1800	182T	<b>EFM3211T</b>	750	L1	15.00	74	89.5	230/460	4.2	1
5	1800	184T	<b>EFM3218T</b>	822	L1	16.50	92	89.5	208-230/460	6.6	1
7 1/2	1800	213T	<b>EFM3311T</b>	1,207	L1	16.32	112	91	230/460	9.7	1, 30
10	1800	215T	<b>EFM3313T</b>	1,461	L1	17.45	127	91.7	230/460	12.5	1, 30
15	1800	254T	<b>EFM2513T</b>	2,069	L1	21.69	234	93	230/460	17.7	1, 30
20	1800	256T	<b>EFM2515T</b>	2,597	L1	21.69	237	93	230/460	23.5	1, 30
25	1800	284T	<b>EFM2531T</b>	3,166	L1	23.81	330	93.6	230/460	29	1, 30
30	1800	286T	<b>EFM2535T</b>	3,462	L1	25.06	379	94.1	230/460	35	1, 30
40	1800	324T	<b>EFM2539T</b>	4,516	L1	27.19	378	94.1	230/460	49	1, 30
50	1800	326T	<b>EFM2543T</b>	4,983	L1	27.69	505	94.5	230/460	57	1, 30
60	1800	364T	<b>EFM2547T</b>	6,274	L1	30.69	615	95	230/460	68	1, 30

(a) See notes on inside back flap.

■ Cast Iron Frame

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 375 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Starters & Dynamic Brakes



**Automotive Approved, 1 thru 100 Hp  
Three Phase, TEFC,  
Foot Mounted**

**NEMA 182 thru 445U**

**Applications:** Pumps, compressors, fans, conveyors, machine tools and other applications where automotive approved motors are required.

**Features:** Approved by major US automobile manufacturers. Meets efficiency times power factor requirements per GM7EQ. Heavy duty cast iron frames, regreasable double shield ball bearings, shaft slinger on both ends of motor, stainless steel nameplate, epoxy paint. Suitable for 65°C ambient 1.00 service factor or 1.15 service factor, 40°C ambient. Meets automotive requirements for sound power levels. Class F insulation, 1.00 service factor.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1	1800	182	AEM3683-4	1,269	L1	13.18	80	84	460	1.5	60
	1200	184	AEM3684-4	1,601	L1	14.74	91	80.5	460	1.7	
1 1/2	1800	184	AEM3686-4	1,362	L1	14.74	96	85	460	2.2	
	1200	184	AEM3687-4	1,771	L1	14.74	96	85.5	460	2.6	
2	1800	184	AEM3689-4	1,451	L1	14.74	95	86	460	2.9	
	1200	213	AEM3782-4	1,976	L1	18.07	180	86.5	460	3.2	
3	1800	213	AEM3783-4	1,675	L1	18.07	155	89.5	460	3.9	
	1200	215	AEM3784-4	2,406	L1	18.07	155	87.5	460	4.6	
5	1800	215	AEM3787-4	2,193	L1	18.07	166	87.5	460	6.4	
	1200	254U	AEM2275-4	3,338	L1	20.81	211	87.5	460	7.5	
7 1/2	1800	254U	AEM2237-4	2,942	L1	23.11	224	89.5	460	9.2	
	1200	256U	AEM2276-4	4,252	L1	23.11	299	90.2	460	10.6	
10	1800	256U	AEM2238-4	3,558	L1	23.11	243	90.2	460	12	
	1200	284U	AEM2332-4	5,218	L1	27.81	336	91	460	13.8	
15	1800	284U	AEM2333-4	4,943	L1	26.92	280	92.4	460	18	
	1200	324U	AEM4100-4	6,992	L1	30.66	492	90.2	460	20.3	
20	1800	286U	AEM2334-4	5,960	L1	27.81	384	91	460	25	
	1200	326U	AEM4102-4	8,773	L1	30.66	518	90.2	460	25.4	
25	1800	324U	AEM4103-4	7,597	L1	30.66	560	92.4	460	29.5	
	1200	364U	AEM4111-4	9,413	L1	33.94	989	93	460	29.2	
30	1800	326U	AEM4104-4	8,583	L1	30.66	579	93.6	460	35	
	1200	365U	AEM4117-4	10,918	L1	33.94	989	93	460	35.1	
40	1800	364U	AEM4307-4	10,199	L1	33.94	854	94.5	460	45	
	1200	404U	AEM4308-4	13,888	L1	36.76	1230	94.1	460	47.4	
50	1800	365U	AEM4311-4	12,282	L1	33.94	886	93.6	460	56.4	
	1200	405U	AEM4312-4	16,572	L1	37.91	1193	94.1	460	58.2	
60	1800	405U	AEM4314-4	15,008	L1	36.76	1337	94.5	460	67.6	
	1200	444U	AEM4403-4	19,390	L1	44.37	1415	94.1	460	70.2	
75	1800	444U	AEM4316-4	18,755	L1	44.37	1727	95.4	460	82.5	
	1200	445U	AEM4404-4	26,259	L1	44.37	1800	95	460	85.6	
100	1800	445U	AEM4400-4	20,718	L1	44.37	1969	95.8	460	110	

(a) See notes on inside back flap.

■ Cast Iron Frame

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes

**Oil Field Pump,  
Three Phase,  
TEFC and ODP,  
Design D,  
Foot Mounted**

**3 thru 150 Hp**

**NEMA 213T thru 447T**

**Applications:** Beam pumping units, punch presses and applications requiring high torque and high slip.

**Features:** Two-part epoxy paint, moisture-resistant insulation, rodent screens, shaft slinger, F-2 position conduit box. TEFC motors have severe duty features. Includes thermostats.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Totally Enclosed Fan Cooled, 230/460/796 VAC</b>											
3	1200	213T	OF3764T	2,314	L1	19.32	164	80	230/460/796	3.1	1
5	1200	215T	OF3768T	2,565	L1	19.32	196	80	230/460/796	4.4	1
7 1/2	1200	254T	OF2276T	3,127	L1	23.25	249	84	230/460/796	7.4	1
10	1200	256T	OF2332T	3,482	L1	23.25	280	84	230/460/796	9	1
15	1200	284T	OF4100T	5,553	L1	27.56	415	87.5	230/460/796	11.6	1
20	1200	286T	OF4102T	6,709	L1	27.56	451	87.5	230/460/796	15	1
25	1200	324T	OF4111T	8,096	L1	30.27	579	87.5	230/460/796	19	1
<b>Totally Enclosed Fan Cooled, 460/796 VAC</b>											
30	1200	326T	OF4117T	9,817	L1	30.27	611	88.5	460/796	22.5	1
40	1200	365T	OF4308T	10,877	L1	33.44	928	89.5	460/796	28	1
50	1200	404T	OF4312T	14,089	L1	38.03	1316	89.5	460/796	33.9	1
60	1200	405T	OF4403T	17,426	L1	38.03	1407	90.2	460/796	40.5	1
75	1200	444T	OF4404T	18,899	L1	40.98	1850	88.5	460/796	51.5	1
		444T	OF4904T	18,899	L1	40.98	1850	88.5	460/796	51.5	1, 99
100	1200	445T	OF4409T	24,566	L1	48.24	2609	90.2	460/796	67.6	1
		445T	OF4909T	24,566	L1	48.24	2609	90.2	460/796	67.6	1, 99
125	1200	447T	OF4411T	31,535	L1	53.24	2380	91	460/796	83.7	1
		447T	OF4911T	31,535	L1	53.24	2380	91	460/796	83.7	1, 99
150	1200	447T	OF44156T	37,249	L1	53.24	3227	91.7	460/796	99.9	1
		447T	OF49156T	37,249	L1	53.24	3227	91.7	460/796	99.9	1, 99
<b>Open Drip Proof, 230/460/796 VAC</b>											
3	1200	213T	OF3303T	1,414	L1	18.13	92	81.5	230/460/796	3.1	2
5	1200	215T	OF3305T	1,876	L1	18.13	127	82.5	230/460/796	4.7	2
7 1/2	1200	254T	OF3307T	2,339	L1	24.18	209	81.5	230/460/796	7.2	2
		254T	OF3407T	2,565	L1	20.63	270	84	230/460/796	7.2	1
10	1200	256T	OF3310T	2,834	L1	24.18	234	82.5	230/460/796	9.2	2
		256T	OF3410T	2,997	L1	22.38	280	84	230/460/796	9	1
15	1200	284T	OF3315T	3,975	L1	26.31	288	85.5	230/460/796	13	1
		284T	OF3415T	4,200	L1	23.44	336	85.5	230/460/796	13.3	1
20	1200	286T	OF3320T	4,762	L1	26.31	323	84	230/460/796	17.2	1
		286T	OF3420T	4,982	L1	24.94	372	86.5	230/460/796	16.8	1
25	1200	324T	OF3325T	6,119	L1	29.18	437	85.5	230/460/796	20	1
		324T	OF3425T	6,510	L1	26.13	517	85.5	230/460/796	20	1
<b>Open Drip Proof, 460/796 VAC</b>											
30	1200	326T	OF3330T	7,444	L1	29.18	444	85.5	460/796	24	1
		326T	OF3430T	7,873	L1	27.63	537	85.5	460/796	24	1
40	1200	365T	OF3340T	9,483	L1	29.94	550	88.5	460/796	32.5	1
		365T	OF3440T	10,052	L1	29.70	953	87.5	460/796	28.4	1
50	1200	404T	OF3350T	11,088	L1	34.00	914	87.5	460/796	36.7	1
60	1200	404T	OF3360T	12,458	L1	34.00	1051	89.5	460/796	41.3	1
75	1200	404T	OF3375T	14,703	L1	34.00	1158	89.5	460/796	50.8	1
100	1200	445T	OF33100T	15,621	L1	39.56	1658	89.5	460/796	69.9	1
125	1200	449T	OF33125T	19,802	L1	48.06	2380	91	460	145	1

(a) See notes on inside back flap.   Cast Iron Frame  
 Custom TEFC motors available through 2,250 Hp; Open and WPIL custom motors through 15,000 Hp. Contact your local Baldor•Reliance Sales Representative.

Farm Duty Motors  
 Definite Purpose Motors  
 Unit Handling Motors  
 Brake Motors  
 200 & 375 Volt Motors  
 IEC Frame Motors  
 50 Hertz Motors  
 Inverter/Vector Motors & Controls  
 DC Motors and Controls  
 Soft Starters & Dynamic Brakes

BALDOR • RELIANCE

**Single and Three Phase, TENV, Foot or C-Face Mounting, Removable Base**

1/12 thru 1/4 Hp

NEMA 42C

**Applications:** General purpose fractional horsepower applications including pumps, compressors, machine tools, and air handling.

**Features:** C-face with removable base, rugged cast aluminum housing having a dry powder epoxy coating, and ball bearings with the drive end bearing locked.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>Single Phase</b>											
1/12	3600	42C	CNL20082	256	DS	7.39	12	55	115	1.1	2, 20
1/8	1800	42C	CNL20134	279	DS	7.89	13	50	115	1.5	2, 20
1/6	3600	42C	CNL20172	288	DS	8.39	13	68	115	1.9	2, 20
<b>Three Phase</b>											
1/8	3600	42C	CNM20132	311	DS	7.39	8	64	230/460	0.4	2, 20
	1800	42C	CNM20134	337	DS	7.39	10	62	208-230/460	0.4	2, 20
1/4	3600	42C	CNM20252	346	DS	7.89	12	72	230/460	0.5	2, 20

(a) See notes on inside back flap.

**Synchronous Permanent Magnet, Three Phase, TEFC, Foot Mounted**

1 thru 3 Hp

NEMA 145TC thru 182TC

**Applications:** Synchronous permanent magnet motors are designed for those applications requiring inherent, precise, open-loop speed regulation of individual or multiple interconnected operations.

**Features:** Motor design incorporates permanent magnets imbedded in the rotor to form salient poles that synchronize the load to the frequency applied with zero slip. Steel band frames, top mounted steel conduit box, 1.0 service factor, Class F insulation, 40C ambient, continuous duty. Precision balanced with Max Safe Speed = 6,000 RPM. Inverter Ready design suitable for 10:1 Constant Torque speed range.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
<b>F1 Mounting</b>											
2	1800	145TC	CSPM3558T	3,735	L1	14.17	55	87.5	230/460	2.5	
<b>F3 Mounting</b>											
1	1800	145TC	CSPM3546T	3,299	L1	13.29	37	89.5	230/460	1.2	
3	1800	182TC	CSPM3611T	4,457	L1	16.56	70	89.5	230/460	4	

(a) See notes on inside back flap.

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes