

**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, copper windings, dynamically balanced rotors.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	EISA Status <sup>(a)</sup>	Notes <sup>(a)</sup>
<b>Constant Torque, One Winding, Low Voltage</b>											
1/5	1800/900	143T	<b>M1504T</b>	998	L1	13.31	36	208-230	2.8	C	71
1.5/7.5	1800/900	145T	<b>M1505T</b>	1,054	L1	14.19	46	230	4.1	C	8, 71
2/1	1800/900	184T	<b>M1506T</b>	1,280	L1	16.54	65	208-230	5.5	C	71
3/1.5	1800/900	184T	<b>M1507T</b>	1,449	L1	18.04	82	230	8.3	C	1, 71
5/2.5	1800/900	215T	<b>M1508T</b>	1,894	L1	19.01	135	208-230	13	C	71
7.5/3.8	1800/900	215T	<b>M1509T</b>	2,466	L1	20.51	130	230	18.9	C	1, 71
10/5	1800/900	254T	<b>M1510T</b>	3,798	L1	23.28	276	230	25.6	C	1, 71
<b>Constant Torque, One Winding, High Voltage</b>											
1/5	1800/900	143T	<b>M1704T</b>	998	L1	14.19	43	460	1.4	C	71
1.5/7.5	1800/900	145T	<b>M1705T</b>	1,054	L1	14.19	50	460	2.1	C	8, 71
2/1	1800/900	184T	<b>M1706T</b>	1,280	L1	16.54	65	460	2.8	C	71
3/1.5	1800/900	184T	<b>M1707T</b>	1,449	L1	18.04	84	460	4.2	C	1, 71
5/2.5	1800/900	215T	<b>M1708T</b>	1,894	L1	19.01	112	460	6.5	C	71
7.5/3.8	1800/900	215T	<b>M1709T</b>	2,466	L1	20.51	168	460	9.4	C	1, 71
10/5	1800/900	254T	<b>M1710T</b>	3,798	L1	23.28	275	460	13	C	1, 71
15/7.5	1800/900	256T	<b>M1711T</b>	4,398	L1	23.28	265	460	19.2	C	1, 71
20/10	1800/900	284T	<b>M1712T</b>	5,588	L1	27.76	389	460	25	C	1, 71
25/13	1800/900	286T	<b>M1713T</b>	6,784	L1	27.76	396	460	29	C	1, 71
<b>Variable Torque, One Winding, Low Voltage</b>											
1/25	1800/900	143T	<b>M1554T</b>	703	L1	12.31	31	208-230	1	C	71
1.5/38	1800/900	145T	<b>M1555T</b>	731	L1	13.31	38	208-230	4.8	C	71
2/5	1800/900	145T	<b>M1556T</b>	849	L1	13.31	42	208-230	6.1	C	71
3/7.5	1800/900	184T	<b>M1557T</b>	913	L1	16.54	65	208-230	3	C	1, 71
5/1.3	1800/900	184T	<b>M1558T</b>	1,162	L1	18.04	83	208-230	13.5	C	71
7.5/1.9	1800/900	215T	<b>M1559T</b>	1,652	L1	19.01	125	230	18.5	C	1, 71
<b>Variable Torque, One Winding, High Voltage</b>											
1/25	1800/900	143T	<b>M1754T</b>	703	L1	12.31	32	460	1.7	C	1, 71
1.5/375	1800/900	145T	<b>M1755T</b>	731	L1	13.31	38	460	2.3	C	71
2/5	1800/900	145T	<b>M1756T</b>	849	L1	14.19	45	460	3	C	71
3/7.5	1800/900	184T	<b>M1757T</b>	913	L1	16.54	63	460	4	C	1, 71
5/1.3	1800/900	184T	<b>M1758T</b>	1,162	L1	18.04	81	460	6.7	C	1, 71
7.5/1.9	1800/900	215T	<b>M1759T</b>	1,637	L1	19.01	125	460	9.3	C	1, 71
10/2.5	1800/900	215T	<b>M1760T</b>	1,928	L1	20.52	160	460	12.5	C	8, 71
15/3.75	1800/900	254T	<b>M1761T</b>	2,665	L1	23.28	248	460	19.6	C	1, 71
20/5	1800/900	284T	<b>M1762T</b>	3,151	L1	27.76	339	460	26	C	1, 71
25/6.3	1800/900	286T	<b>M1763T</b>	3,656	L1	27.76	363	460	32	C	1, 71
<b>Variable Torque, Two Windings, Low Voltage</b>											
.75/.33	1800/1200	56	<b>M1519</b>	777	K	13.23	34	230	2.8	C	71
1/44	1800/1200	145T	<b>M1520T</b>	812	L1	13.31	38	208-230	3	C	71
1.5/67	1800/1200	182T	<b>M1521T</b>	1,003	L1	15.17	56	208-230	4.4	C	71
2/89	1800/1200	182T	<b>M1522T</b>	1,150	L1	16.54	64	208-230	5.8	C	71
3/1.3	1800/1200	184T	<b>M1523T</b>	1,346	L1	16.54	71	208-230	8	C	1, 71
5/2.2	1800/1200	215T	<b>M1524T</b>	2,109	L1	19.01	114	230	12.8	C	1, 71

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

■ Cast Iron Frame

**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	EISA Status <sup>(a)</sup>	Notes <sup>(a)</sup>
<b>Variable Torque, Two Windings, High Voltage</b>											
.5/.22	1800/1200	56	<b>M1718</b>	724	K	12.23	30	460	1.1	C	71
.75/.33	1800/1200	56	<b>M1719</b>	801	K	12.23	32	460	1.4	C	71
1/.44	1800/1200	145T	<b>M1720T</b>	812	L1	13.31	37	460	1.6	C	71
1.5/.67	1800/1200	182T	<b>M1721T</b>	1,003	L1	14.26	55	460	2.2	C	71
2/.89	1800/1200	182T	<b>M1722T</b>	1,150	L1	16.52	59	460	2.8	C	71
3/1.3	1800/1200	184T	<b>M1723T</b>	1,346	L1	16.54	73	460	4	C	1, 71
5/2.2	1800/1200	215T	<b>M1724T</b>	2,109	L1	19.01	128	460	6.4	C	1, 71
7.5/3.3	1800/1200	254T	<b>M1725T</b>	2,726	L1	23.28	219	460	10.3	C	1, 71
10/4.4	1800/1200	254T	<b>M1726T</b>	3,138	L1	21.07	233	460	12.5	C	1, 71
15/6.7	1800/1200	284T	<b>M1727T</b>	3,723	L1	27.76	356	460	19.3	C	1, 71
20/8.9	1800/1200	286T	<b>M1728T</b>	5,049	L1	27.76	376	460	27	C	1, 71
25/11	1800/1200	324T	<b>M1729T</b>	5,319	L1	30.28	513	460	30	C	1, 71

<sup>(a)</sup> 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, copper windings, dynamically balanced rotors.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Voltage	Full Load Amps	EISA Status <sup>(a)</sup>	Notes <sup>(a)</sup>
<b>Variable Torque, One Winding, Low Voltage</b>											
1/25	1800/900	143T	<b>M1004T</b>	670	L1	11.12	33	208-230	3	C	
1.5/38	1800/900	145T	<b>M1005T</b>	696	L1	12.13	35	208-230	4.4	C	
2/5	1800/900	145T	<b>M1006T</b>	804	L1	12.13	40	230	6.1	C	
3/7.5	1800/900	184T	<b>M1007T</b>	864	L1	13.62	56	208-230	3	C	
5/1.3	1800/900	184T	<b>M1008T</b>	1,040	L1	15.00	69	230	13.2	C	1
7.5/1.9	1800/900	215T	<b>M1009T</b>	1,485	L1	16.32	111	230	20	C	
10/2.5	1800/900	215T	<b>M1010T</b>	1,684	L1	17.45	131	208-230	25	C	1
<b>Variable Torque, One Winding, High Voltage</b>											
1/25	1800/900	143T	<b>M1204T</b>	670	L1	11.12	33	460	1.5	C	
1.5/38	1800/900	145T	<b>M1205T</b>	696	L1	12.13	35	460	2.2	C	
2/5	1800/900	145T	<b>M1206T</b>	804	L1	12.13	41	460	3.1	C	
3/7.5	1800/900	184T	<b>M1207T</b>	864	L1	13.62	57	460	4	C	
5/1.3	1800/900	184T	<b>M1208T</b>	1,040	L1	15.00	72	460	6.6	C	1
7.5/1.9	1800/900	215T	<b>M1209T</b>	1,485	L1	16.32	112	460	10	C	
10/2.5	1800/900	215T	<b>M1210T</b>	1,684	L1	17.45	130	460	13	C	1
15/3.8	1800/900	254T	<b>M1211T</b>	2,365	L1	21.69	234	460	20	C	1
20/5	1800/900	256T	<b>M1212T</b>	2,899	L1	21.69	232	460	26	C	1
25/6.3	1800/900	284T	<b>M1213T</b>	3,402	L1	23.81	312	460	34	C	
<b>Variable Torque, Two Windings, Low Voltage</b>											
.75/33	1800/1200	56	<b>M1019</b>	719	K	12.07	34	230	2.8	C	
1/44	1800/1200	145T	<b>M1020T</b>	775	L1	12.13	39	230	3	C	
1.5/67	1800/1200	182T	<b>M1021T</b>	939	L1	13.62	56	208-230	4.4	C	
2/89	1800/1200	182T	<b>M1022T</b>	1,071	L1	15.00	62	230	5.8	C	
3/1.3	1800/1200	184T	<b>M1023T</b>	1,247	L1	15.00	69	230	8	C	
5/2.2	1800/1200	215T	<b>M1024T</b>	1,920	L1	16.32	113	230	12.8	C	1
7.5/3.3	1800/1200	256T	<b>M1025T</b>	2,553	L1	22.25	211	230	19.4	C	
<b>Variable Torque, Two Windings, High Voltage</b>											
.5/22	1800/1200	56	<b>M1218</b>	685	K	11.07	30	460	0.9	C	
.75/33	1800/1200	56	<b>M1219</b>	719	K	12.07	34	460	1.4	C	
1/44	1800/1200	145T	<b>M1220T</b>	775	L1	12.13	39	460	1.9	C	
1.5/67	1800/1200	182T	<b>M1221T</b>	939	L1	13.62	56	460	2.2	C	
2/89	1800/1200	182T	<b>M1222T</b>	1,071	L1	15.00	64	460	3	C	
3/1.3	1800/1200	184T	<b>M1223T</b>	1,247	L1	15.00	69	460	4	C	
5/2.2	1800/1200	215T	<b>M1224T</b>	1,920	L1	16.32	113	460	6.4	C	1
7.5/3.3	1800/1200	256T	<b>M1225T</b>	2,553	L1	22.25	209	460	9.9	C	
10/4.4	1800/1200	256T	<b>M1226T</b>	2,884	L1	22.25	237	460	12.7	C	1
15/6.7	1800/1200	284T	<b>M1227T</b>	3,499	L1	23.81	318	460	18.1	C	
20/8.9	1800/1200	286T	<b>M1228T</b>	4,693	L1	23.81	348	460	24	C	
25/11	1800/1200	286T	<b>M1229T</b>	5,039	L1	25.06	349	460	30	C	

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

**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. 200°C copper windings. 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	EISA Status (a)	Notes (a)
<b>Totally Enclosed Fan Cooled</b>												
1 1/2	3600	56	<b>PL3513M</b>	559	K	13.25	38	75.5	115/230	6.6	C	
	1800	56	<b>PL3514M</b>	742	K	14.12	50	82.5	115/230	6	C	
2	3600	56	<b>PL3515M</b>	676	K	13.25	42	77	115/230	8.8	C	1
	1800	56HZ	<b>L3516TM</b>	919	K	13.31	46	82.5	230	8.1	C	1, 57
3	3600	56	<b>PL3519M</b>	741	K	14.12	50	85.5	230	12.5	C	1, 30
	1800	184T	<b>L3609TM</b>	1,015	L1	16.54	79	78	115/230	14.5	C	2, 20
5	3600	184T	<b>L3608TM</b>	1,169	L1	18.05	86	83	230	19.5	C	2, 20
	1800	184T	<b>L3612TM</b>	1,180	L1	18.05	99	80	230	23	C	2, 20
<b>Totally Enclosed Fan Cooled, C-Face</b>												
1 1/2	3600	56C	<b>PCL3513M</b>	598	K	13.25	38	75.5	115/230	6.6	C	
	1800	56C	<b>PCL3514M</b>	780	K	14.12	50	82.5	115/230	6	C	
2	3600	56C	<b>PCL3515M</b>	709	K	13.24	43	77	115/230	8.8	C	1
	1800	145TC	<b>CL3516TM</b>	927	L1	14.16	52	78	230	8.3	C	1
3	3600	56C	<b>PCL3519M</b>	777	K	14.12	52	85.5	230	12.5	C	1, 30
	1800	184TC	<b>CL3619TM</b>	1,206	L1	16.54	81	81.5	230	13.2	C	2, 20
5	3600	184TC	<b>CL3608TM</b>	1,306	L1	18.05	91	83	230	19.5	C	2, 20
	1800	184TC	<b>CL3612TM</b>	1,264	L1	18.05	101	80	230	23	C	2, 20
<b>Open Drip Proof</b>												
1 1/2	3600	56H	<b>PL1313M</b>	486	K	11.75	34	75.5	115/230	6.6	C	36
	1800	56	<b>PL1319M</b>	645	K	12.06	39	74	115/230	7	C	
2	3600	56	<b>PL1317M</b>	634	K	12.06	41	77	115/230	8.8	C	
	1800	56	<b>PL1322M</b>	676	K	12.94	47	78.5	115/230	9.2	C	
3	3600	56	<b>PL1326M</b>	700	K	12.94	50	85.5	230	12.5	C	30
	1800	184T	<b>L1408TM</b>	844	L1	15.00	78	78	115/230	16	C	
5	3600	56/56H	<b>PL1327M</b>	721	K	13.81	56	74.2	230	23	C	2, 20, 30, 36
	1800	184T	<b>L1410TM</b>	1,027	L1	16.50	84	82.5	230	23	C	1, 30
<b>Open Drip Proof, C-Face</b>												
1 1/2	3600	56C	<b>PCL1313M</b>	527	K	12.06	38	75.5	115/230	6.6	C	
	1800	56C	<b>PCL1319M</b>	676	K	12.06	43	74	115/230	7	C	
2	3600	56C	<b>PCL1317M</b>	676	K	12.06	43	77	115/230	8.8	C	
	1800	56C	<b>PCL1322M</b>	701	K	12.94	48	78.5	115/230	9.2	C	
3	3600	56C	<b>PCL1326M</b>	741	K	12.94	49	85.5	230	12.5	C	30
	1800	184TC	<b>CL1408TM</b>	892	L1	15.00	78	78	115/230	16	C	
5	3600	56HCY	<b>PCL1327M</b>	759	K	14.11	57	74.2	230	23	C	2, 20, 30, 37, 47
	1800	184TC	<b>CL1410TM</b>	1,075	L1	16.50	88	82.5	230	23	C	1, 30

(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

**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)	Voltage	Full Load Amps	EISA Status (a)	Notes (a)
1/3	1800	48	MPM3458	344	K	10.72	20	230/460	0.8	C	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	EISA Status (a)	Notes (a)
7 1/2	3600	ASM6207	2,748	L1	16.73	102	230/460	9.2	C	1
10	3600	ASM6210	2,937	L1	16.73	101	208-230/460	11.5	C	2
		ASM7510	3,424	L1	13.45	134	230/460	12	C	
15	3600	ASM6215	3,424	L1	18.48	124	208-230/460	17	C	2
		ASM7515	3,693	L1	14.45	151	208-230/460	16.5	C	

(a) See notes on inside back flap.

**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	EISA Status <sup>(a)</sup>	Notes <sup>(a)</sup>
1	3600	48Z	WWL3509	437	K	13.35	33	65	115/230	6.3	C	67
2	3600	145TYZ	WWL3515T	713	L1	13.56	53	70	115/230	12	C	20, 65
3	3600	184YZ	WWL3606	911	L1	14.89	71	72	230	15.5	C	

<sup>(a)</sup> 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, copper windings.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	EISA Status <sup>(a)</sup>	Notes <sup>(a)</sup>
<b>Single Phase, Totally Enclosed Fan Cooled</b>												
1/2	1800	66	L3576M	613	K	13.62	36	64	115/230	4	C	
3/4	1800	66	L3565M	729	K	13.62	38	66	115/230	5.3	C	
1	1800	66	L3566M	792	K	13.62	40	67	115/230	6.5	C	30
1 1/2	1800	66	L3567M	960	K	14.50	50	75.5	115/230	8	C	2, 65
<b>Three Phase, Totally Enclosed Fan Cooled</b>												
1/2	1800	66NA	M3564	591	K	13.62	30	72	208-230/460	1.1	C	30
3/4	1800	66NA	M3565	621	K	13.62	31	72	230/460	1.5	C	30
1	1800	66NA	M3566	652	K	13.62	33	75.5	208-230/460	1.8	C	
1 1/2	1800	66NA	M3567	684	K	13.62	37	78.5	208-230/460	2.5	C	
<b>Single Phase, Open Drip Proof</b>												
1	1800	203	L1413	1,118	L1	14.37	51	70	115/230	7	C	30
1 1/2	1800	204	L1414	1,307	L1	14.37	56	68	115/230	9.5	C	30
<b>Three Phase, Open Drip Proof</b>												
1	1800	203	M3233	968	L1	14.38	47	77	208-230/460	1.6	C	
1 1/2	1800	204	M3234	1,026	L1	14.38	49	81.5	208-230/460	2.4	C	
2	1800	224NA	M3324	1,381	L1	16.32	77	79	208-230/460	3.3	C	
3	1800	225NA	M3325	1,423	L1	16.32	81	80	208-230/460	4.5	C	
5	1800	254NA	M3326	1,735	L1	18.32	94	84	208-230/460	6.8	C	

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

**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	EISA Status <sup>(a)</sup>	Notes <sup>(a)</sup>
5	1800	184TYZ	HPM3615T	742	L1	13.50	79	87.5	208-230/460	7.1	C	
7 1/2	1800	213TYZ	HPM3710T	954	L1	14.66	119	89.5	208-230/460	10.1	C	
10	1800	215TYZ	HPM3714T	1,126	L1	15.79	145	89.5	208-230/460	13.5	C	

<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

**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<sup>®</sup> motors have NEMA Premium<sup>®</sup> 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	EISA Status (a)	Notes (a)
<b>Totally Enclosed Fan Cooled</b>												
2	1800	145T	EFM3558T	668	L1	14.19	49	86.5	208-230/460	2.7	A	1, 30
		145T	FM3558T	454	L1	13.31	42	84	208-230/460	3.1	D	
3	1800	182T	EFM3611T	741	L1	18.05	69	89.5	230/460	4.2	A	1, 30
		182T	FM3611T	536	L1	16.55	70	87.5	208-230/460	4.1	D	1
5	1800	184T	EFM3615T	811	L1	18.05	95	89.5	230/460	6.5	A	1, 30
		184T	FM3615T	617	L1	16.56	74	87.5	208-230/460	7.1	D	1
7 1/2	1800	213T	EFM3710T	1,173	L1	19.02	125	91.7	230/460	9.4	A	1, 30
		213T	FM3710T	788	L1	17.89	110	89.5	208-230/460	10.1	D	1
10	1800	215T	EFM3714T	1,318	L1	20.52	158	91.7	230/460	12.5	A	1, 30
		215T	FM3714T	957	L1	19.01	131	89.5	208-230/460	13.5	D	1
15	1800	254T	EFM2333T	2,033	L1	23.16	255	92.4	230/460	18.5	A	1, 30
20	1800	256T	EFM2334T	2,463	L1	23.16	286	93	230/460	24	A	1, 30
25	1800	284T	EFM4103T	3,220	L1	27.76	392	93.6	230/460	30	A	1, 30
30	1800	286T	EFM4104T	3,824	L1	27.76	444	93.6	230/460	36	A	1, 30
<b>Open Drip Proof</b>												
1	1800	145T	EFM3116T	547	L1	11.12	36	85.5	208-230/460	1.4	A	1
1 1/2	1800	145T	EFM3154T	572	L1	13.00	37	86.5	208-230/460	2.1	A	1
2	1800	145T	EFM3157T	613	L1	13.00	48	86.5	208-230/460	2.7	A	1
3	1800	182T	EFM3211T	661	L1	15.00	77	89.5	230/460	4	A	1
		182T	FM3211T	475	L1	14.00	54	86.5	208-230/460	4.2	D	1
5	1800	184T	EFM3218T	724	L1	16.50	84	89.5	230/460	6.6	A	1, 30
		184T	FM3218T	525	L1	15.00	68	87.5	208-230/460	6.9	D	
7 1/2	1800	213T	EFM3311T	1,064	L1	16.32	111	91	230/460	9.7	A	1, 30
		213T	FM3311T	744	L1	17.00	98	88.5	208-230/460	10	D	
10	1800	215T	EFM3313T	1,288	L1	17.45	123	91.7	230/460	12.5	A	1, 30
		215T	FM3313T	912	L1	16.32	114	89.5	208-230/460	13.4	D	
15	1800	254T	EFM2513T	1,824	L1	21.69	234	93	230/460	17.7	A	1, 30
		254T	FM2513T	1,378	L1	19.75	170	91	208-230/460	19	D	1
20	1800	256T	EFM2515T	2,290	L1	21.69	237	93	230/460	23.5	A	1, 30
		256T	FM2515T	1,774	L1	22.25	220	91.7	230/460	24	D	30
25	1800	284T	EFM2531T	2,791	L1	23.81	332	93.6	230/460	30	A	1, 30
		284T	FM2531T	2,150	L1	23.44	226	91.7	230/460	31	D	30
30	1800	286T	EFM2535T	3,052	L1	25.06	372	94.1	230/460	35	A	1, 30
		286T	FM2535T	2,514	L1	24.94	248	92.4	230/460	36	D	30
40	1800	324T	EFM2539T	3,982	L1	26.69	477	94.1	230/460	46	A	1, 30
		324T	FM2539T	3,205	L1	26.19	378	93	230/460	49	D	30
50	1800	326T	EFM2543T	4,394	L1	27.69	472	94.5	230/460	57	A	1, 30
		326T	FM2543T	3,762	L1	27.19	371	93	230/460	62	D	30
60	1800	364T	EFM2547T	5,532	L1	30.69	782	95	230/460	68	A	1, 30

(a) See notes on inside back flap.

■ Cast Iron Frame



**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. All cast iron construction, 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	EISA Status <sup>(a)</sup>	Notes <sup>(a)</sup>
1	1800	182	<a href="#">AEM3683-4</a>	1,119	L1	13.18	78	81.5	460	1.5	C	60
	1200	184	<a href="#">AEM3684-4</a>	1,411	L1	14.74	88	80.5	460	1.7	B	
1 1/2	1800	184	<a href="#">AEM3686-4</a>	1,201	L1	14.74	86	85	460	2.2	B	
	1200	184	<a href="#">AEM3687-4</a>	1,561	L1	14.74	94	85.5	460	2.6	B	
2	1800	184	<a href="#">AEM3689-4</a>	1,279	L1	14.74	94	86	460	2.9	B	
	1200	213	<a href="#">AEM3782-4</a>	1,742	L1	18.07	152	86.5	460	3.2	B	
3	1800	213	<a href="#">AEM3783-4</a>	1,477	L1	18.07	155	87.5	460	3.9	B	
	1200	215	<a href="#">AEM3784-4</a>	2,121	L1	18.07	171	87.5	460	4.4	B	
5	1800	215	<a href="#">AEM3787-4</a>	1,933	L1	18.07	166	87.5	460	6.4	B	
	1200	254U	<a href="#">AEM2275-4</a>	2,943	L1	20.81	235	88.5	460	7.1	B	
7 1/2	1800	254U	<a href="#">AEM2237-4</a>	2,594	L1	22.91	224	89.5	460	9.2	B	
	1200	256U	<a href="#">AEM2276-4</a>	3,749	L1	22.91	254	90.2	460	10.6	B	
10	1800	256U	<a href="#">AEM2238-4</a>	3,137	L1	22.91	243	90.2	460	12	B	
	1200	284U	<a href="#">AEM2332-4</a>	4,601	L1	27.81	391	89.5	460	13.8	B	
15	1800	284U	<a href="#">AEM2333-4</a>	4,358	L1	26.92	358	92.4	460	18	B	
	1200	324U	<a href="#">AEM4100-4</a>	6,165	L1	30.66	502	90.2	460	19	B	
20	1800	286U	<a href="#">AEM2334-4</a>	5,255	L1	27.81	416	91	460	25	B	
	1200	326U	<a href="#">AEM4102-4</a>	7,736	L1	30.66	516	90.2	460	25	B	
25	1800	324U	<a href="#">AEM4103-4</a>	6,699	L1	30.66	554	92.4	460	29.5	B	
	1200	364U	<a href="#">AEM4111-4</a>	8,300	L1	33.35	734	91.7	460	30	B	
30	1800	326U	<a href="#">AEM4104-4</a>	7,568	L1	30.66	567	92.4	460	35	B	
	1200	365U	<a href="#">AEM4117-4</a>	9,627	L1	33.35	765	91.7	460	36	B	
40	1800	364U	<a href="#">AEM4307-4</a>	8,993	L1	33.35	709	93.6	460	46	B	
	1200	404U	<a href="#">AEM4308-4</a>	12,246	L1	36.76	1200	93	460	46	B	
50	1800	365U	<a href="#">AEM4311-4</a>	10,830	L1	33.35	799	93.6	460	58	B	
	1200	405U	<a href="#">AEM4312-4</a>	14,613	L1	37.91	1180	93	460	57	B	
60	1800	405U	<a href="#">AEM4314-4</a>	13,234	L1	36.76	1375	93.6	460	68	B	
	1200	444U	<a href="#">AEM4403-4</a>	17,098	L1	44.37	1494	93	460	71	B	
75	1800	444U	<a href="#">AEM4316-4</a>	16,538	L1	44.37	1327	94.5	460	85	B	
	1200	445U	<a href="#">AEM4404-4</a>	23,155	L1	44.37	1576	94.1	460	88	B	
100	1800	445U	<a href="#">AEM4400-4</a>	18,269	L1	44.37	1573	94.1	460	116	B	

<sup>(a)</sup> 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	EISA Status (a)	Notes (a)
<b>Totally Enclosed Fan Cooled, 230/460/796 VAC</b>												
3	1200	213T	<b>OF3764T</b>	2,040	L1	19.32	225	79	230/460/796	3	C	1
5	1200	215T	<b>OF3768T</b>	2,261	L1	19.32	196	80	230/460/796	4.4	C	1
7 1/2	1200	254T	<b>OF2276T</b>	2,757	L1	23.25	249	84	230/460/796	7.4	C	1
10	1200	256T	<b>OF2332T</b>	3,070	L1	23.25	280	84	230/460/796	9	C	1
15	1200	284T	<b>OF4100T</b>	4,896	L1	27.56	390	87.5	230/460/796	11.6	C	1
20	1200	286T	<b>OF4102T</b>	5,916	L1	27.56	454	87.5	230/460/796	15	C	1
25	1200	324T	<b>OF4111T</b>	7,139	L1	30.27	561	87.5	230/460/796	19	C	1
<b>Totally Enclosed Fan Cooled, 460/796 VAC</b>												
30	1200	326T	<b>OF4117T</b>	8,656	L1	30.27	630	87.5	460/796	23	C	1
40	1200	365T	<b>OF4308T</b>	9,591	L1	32.84	845	88.5	460/796	30	C	1
50	1200	404T	<b>OF4312T</b>	12,423	L1	38.03	1090	87.5	460/796	34.6	C	1
60	1200	405T	<b>OF4403T</b>	15,366	L1	38.03	1171	88.5	460/796	42	C	1
75	1200	444T	<b>OF4404T</b>	16,665	L1	44.24	1648	88.5	460/796	51	C	1
100	1200	445T	<b>OF4409T</b>	21,662	L1	47.74	2100	90.2	460/796	67	C	1
125	1200	447T	<b>OF4411T</b>	27,807	L1	52.68	2516	91	460/796	86	C	1
150	1200	447T	<b>OF44156T</b>	32,846	L1	52.68	2889	91	460/796	102	C	1
<b>Open Drip Proof, 230/460/796 VAC</b>												
3	1200	213T	<b>OF3303T</b>	1,246	L1	18.13	117	78.5	230/460/796	3	C	2
5	1200	215T	<b>OF3305T</b>	1,654	L1	19.25	152	78.5	230/460/796	4.4	C	2
7 1/2	1200	254T	<b>OF3307T</b>	2,062	L1	24.18	209	81.5	230/460/796	7.2	C	2
		254T	<b>OF3407T</b>	2,261	L1	20.63	229	84	230/460/796	7.2	C	1
10	1200	256T	<b>OF3310T</b>	2,499	L1	24.18	234	82.5	230/460/796	9.2	C	2
		256T	<b>OF3410T</b>	2,642	L1	22.38	272	84	230/460/796	9	C	1
15	1200	284T	<b>OF3315T</b>	3,505	L1	26.31	288	85.5	230/460/796	13	C	1
		284T	<b>OF3415T</b>	3,703	L1	23.44	334	85.5	230/460/796	13.3	C	1
20	1200	286T	<b>OF3320T</b>	4,199	L1	26.31	318	84	230/460/796	17.2	C	1
		286T	<b>OF3420T</b>	4,393	L1	24.94	376	86.5	230/460/796	16.8	C	1
25	1200	324T	<b>OF3325T</b>	5,395	L1	29.18	436	85.5	230/460/796	20	C	1
		324T	<b>OF3425T</b>	5,740	L1	26.13	487	85.5	230/460/796	20	C	1
<b>Open Drip Proof, 460/796 VAC</b>												
30	1200	326T	<b>OF3330T</b>	6,564	L1	29.18	437	86.5	460/796	24	C	1
		326T	<b>OF3430T</b>	6,942	L1	27.63	517	86.5	460/796	25.4	C	1
40	1200	365T	<b>OF3340T</b>	8,362	L1	29.94	553	88.5	460/796	32	C	1
		365T	<b>OF3440T</b>	8,863	L1	29.69	749	87.5	460/796	31	C	1
50	1200	404T	<b>OF3350T</b>	9,777	L1	34.00	981	87.5	460/796	37	C	1
60	1200	404T	<b>OF3360T</b>	10,985	L1	34.00	1057	87.5	460/796	43	C	1
75	1200	404T	<b>OF3375T</b>	12,965	L1	34.00	1153	88.5	460/796	53	C	1
100	1200	445T	<b>OF33100T</b>	13,774	L1	39.62	1372	89.5	460/796	69.9	C	1
125	1200	449T	<b>OF33125T</b>	17,461	L1	48.06	2100	91	460/796	145	C	1

(a) See notes on inside back flap.

Custom TEFC motors available through 2,250 Hp; Open and WPll custom motors through 15,000 Hp. Contact your local Baldor•Reliance Sales Representative.

■ 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

**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	EISA Status <sup>(a)</sup>	Notes <sup>(a)</sup>
<b>Single Phase</b>												
1/12	3600	42C	CNL20082	223	DS	7.39	10	55	115	1.1	C	2, 20
1/8	1800	42C	CNL20134	243	DS	7.89	11	50	115	1.6	C	2, 20
1/6	3600	42C	CNL20172	251	DS	8.39	13	68	115	1.9	C	2, 20
<b>Three Phase</b>												
1/8	3600	42C	CNM20132	271	DS	7.39	8	64	230/460	0.4	C	2, 20
	1800	42C	CNM20134	294	DS	7.39	10	62	208-230/460	0.4	C	2, 20
1/4	3600	42C	CNM20252	302	DS	7.89	12	72	230/460	0.5	C	2, 20

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

■ Cast Iron Frame



**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	EISA Status <sup>(a)</sup>	Notes <sup>(a)</sup>
<b>F1 Mounting</b>												
2	1800	145TC	CSPM3558T	3,293	L1	14.17	55	87.5	230/460	2.5	C	
<b>F3 Mounting</b>												
1	1800	145TC	CSPM3546T	2,909	L1	13.29	37	89.5	230/460	1.2	C	
3	1800	182TC	CSPM3611T	3,930	L1	16.56	71	89.5	230/460	4	C	

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