

**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 (a)
<b>Variable Torque, One Winding, Low Voltage</b>										
1/25	1800/900	143T	<b>M1004T</b>	760	L1	11.12	33	208-230	3	
1.5/.38	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>										
1/25	1800/900	143T	<b>M1204T</b>	760	L1	11.12	33	460	1.5	
1.5/.38	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/.33	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/.67	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/.22	1800/1200	56	<b>M1218</b>	777	K	11.07	30	460	0.9	
.75/.33	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/.67	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	

(a) 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. 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	<b>PL3513M</b>	634	K	13.25	39	75.5	115/230	6.6	
	1800	56	<b>PL3514M</b>	842	K	14.12	50	82.5	115/230	6	
2	3600	56	<b>PL3515M</b>	767	K	13.25	43	77	115/230	8.8	1
	1800	56HZ	<b>L3516TM</b>	1,043	K	13.31	46	82.5	208-230	8.1	1, 57
3	3600	56	<b>PL3519M</b>	841	K	14.12	52	85.5	230	12.5	1, 30
	1800	184T	<b>L3609TM</b>	1,152	L1	16.54	95	78	115/230	14.5	2, 20
5	3600	184T	<b>L3608TM</b>	1,326	L1	18.05	92	83	230	19.5	2, 20
	1800	184T	<b>L3612TM</b>	1,339	L1	18.05	100	80	230	23	2, 20
<b>Totally Enclosed Fan Cooled, C-Face</b>											
1 1/2	3600	56C	<b>PCL3513M</b>	679	K	13.25	39	75.5	115/230	6.6	
	1800	56C	<b>PCL3514M</b>	885	K	14.12	51	82.5	115/230	6	
2	3600	56C	<b>PCL3515M</b>	805	K	13.24	43	77	115/230	8.8	1
	1800	145TC	<b>CL3516TM</b>	1,052	L1	14.16	52	78	208-230	8.3	1
3	3600	56C	<b>PCL3519M</b>	882	K	14.12	52	85.5	230	12.5	1, 30
	1800	184TC	<b>CL3619TM</b>	1,368	L1	16.54	81	81.5	230	13.2	2, 20
5	3600	184TC	<b>CL3608TM</b>	1,482	L1	18.05	102	83	230	19.5	2, 20
	1800	184TC	<b>CL3612TM</b>	1,434	L1	18.05	101	80	230	23	2, 20
<b>Open Drip Proof</b>											
1 1/2	3600	56H	<b>PL1313M</b>	552	K	11.75	37	75.5	115/230	6.6	36
	1800	56	<b>PL1319M</b>	732	K	12.06	42	74	115/230	7	
2	3600	56	<b>PL1317M</b>	719	K	12.06	43	77	115/230	8.8	
	1800	56	<b>PL1322M</b>	767	K	12.94	47	78.5	115/230	9.2	
3	3600	56	<b>PL1326M</b>	794	K	12.94	52	85.5	230	12.5	30
	1800	184T	<b>L1408TM</b>	958	L1	15.00	78	78	115/230	16	
5	3600	56/56H	<b>PL1327M</b>	818	K	13.81	57	74.2	230	23	2, 20, 30, 36
	1800	184T	<b>L1410TM</b>	1,165	L1	16.50	90	82.5	230	23	1, 30
<b>Open Drip Proof, C-Face</b>											
1 1/2	3600	56C	<b>PCL1313M</b>	598	K	12.06	39	75.5	115/230	6.6	
	1800	56C	<b>PCL1319M</b>	767	K	12.06	43	74	115/230	7	
2	3600	56C	<b>PCL1317M</b>	767	K	12.06	43	77	115/230	8.8	
	1800	56C	<b>PCL1322M</b>	795	K	12.94	48	78.5	115/230	9.2	
3	3600	56C	<b>PCL1326M</b>	841	K	12.94	52	85.5	230	12.5	30
	1800	184TC	<b>CL1408TM</b>	1,012	L1	15.00	87	78	115/230	16	
5	3600	56HCY	<b>PCL1327M</b>	861	K	14.11	58	74.2	230	23	2, 20, 30, 37, 47
	1800	184TC	<b>CL1410TM</b>	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	2
		ASM7510	3,883	L1	13.45	142	230/460	12	
15	3600	ASM6215	3,883	L1	18.48	117	208-230/460	17	2
		ASM7515	4,189	L1	14.45	146	208-230/460	16.5	

(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	<b>HPM3615T</b>	842	L1	13.50	81	87.5	208-230/460	6.8	
7 1/2	1800	213TYZ	<b>HPM3710T</b>	1,082	L1	14.66	118	89.5	208-230/460	10.1	
10	1800	215TYZ	<b>HPM3714T</b>	1,277	L1	15.79	136	89.5	208-230/460	13.5	

(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

**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	EFM3558T	758	L1	14.19	46	86.5	208-230/460	2.9	1
3	1800	182T	EFM3611T	841	L1	16.55	73	89.5	208-230/460	4.2	1
5	1800	184T	EFM3615T	920	L1	18.06	87	89.5	208-230/460	6.7	1
7 1/2	1800	213T	EFM3710T	1,331	L1	19.01	127	91.7	208-230/460	9.4	1
10	1800	215T	EFM3714T	1,495	L1	20.51	165	91.7	208-230/460	12	1
15	1800	254T	EFM2333T	2,306	L1	23.16	255	92.4	230/460	18.5	1, 30
20	1800	256T	EFM2334T	2,794	L1	23.16	286	93	230/460	24	1, 30
25	1800	284T	EFM4103T	3,652	L1	27.76	394	93.6	230/460	30	1, 30
30	1800	286T	EFM4104T	4,337	L1	27.76	437	93.6	230/460	36	1, 30
<b>Open Drip Proof</b>											
1	1800	145T	EFM3116T	621	L1	11.12	38	85.5	208-230/460	1.5	1
1 1/2	1800	145T	EFM3154T	649	L1	11.62	37	86.5	230/460	2.2	1
2	1800	145T	EFM3157T	696	L1	12.12	43	86.5	230/460	2.9	1
3	1800	182T	EFM3211T	750	L1	15.00	74	89.5	230/460	4.2	1
5	1800	184T	EFM3218T	822	L1	16.50	92	89.5	208-230/460	6.6	1
7 1/2	1800	213T	EFM3311T	1,207	L1	16.32	112	91	230/460	9.7	1, 30
10	1800	215T	EFM3313T	1,461	L1	17.45	127	91.7	230/460	12.5	1, 30
15	1800	254T	EFM2513T	2,069	L1	21.69	234	93	230/460	17.7	1, 30
20	1800	256T	EFM2515T	2,597	L1	21.69	237	93	230/460	23.5	1, 30
25	1800	284T	EFM2531T	3,166	L1	23.81	330	93.6	230/460	29	1, 30
30	1800	286T	EFM2535T	3,462	L1	25.06	379	94.1	230/460	35	1, 30
40	1800	324T	EFM2539T	4,516	L1	27.19	378	94.1	230/460	49	1, 30
50	1800	326T	EFM2543T	4,983	L1	27.69	505	94.5	230/460	57	1, 30
60	1800	364T	EFM2547T	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 & 575 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	<b>AEM3683-4</b>	1,269	L1	13.18	80	84	460	1.5	60
	1200	184	<b>AEM3684-4</b>	1,601	L1	14.74	91	80.5	460	1.7	
1 1/2	1800	184	<b>AEM3686-4</b>	1,362	L1	14.74	96	85	460	2.2	
	1200	184	<b>AEM3687-4</b>	1,771	L1	14.74	96	85.5	460	2.6	
2	1800	184	<b>AEM3689-4</b>	1,451	L1	14.74	95	86	460	2.9	
	1200	213	<b>AEM3782-4</b>	1,976	L1	18.07	180	86.5	460	3.2	
3	1800	213	<b>AEM3783-4</b>	1,675	L1	18.07	155	89.5	460	3.9	
	1200	215	<b>AEM3784-4</b>	2,406	L1	18.07	155	87.5	460	4.6	
5	1800	215	<b>AEM3787-4</b>	2,193	L1	18.07	166	87.5	460	6.4	
	1200	254U	<b>AEM2275-4</b>	3,338	L1	20.81	211	87.5	460	7.5	
7 1/2	1800	254U	<b>AEM2237-4</b>	2,942	L1	23.11	224	89.5	460	9.2	
	1200	256U	<b>AEM2276-4</b>	4,252	L1	23.11	299	90.2	460	10.6	
10	1800	256U	<b>AEM2238-4</b>	3,558	L1	23.11	243	90.2	460	12	
	1200	284U	<b>AEM2332-4</b>	5,218	L1	27.81	336	91	460	13.8	
15	1800	284U	<b>AEM2333-4</b>	4,943	L1	26.92	280	92.4	460	18	
	1200	324U	<b>AEM4100-4</b>	6,992	L1	30.66	492	90.2	460	20.3	
20	1800	286U	<b>AEM2334-4</b>	5,960	L1	27.81	384	91	460	25	
	1200	326U	<b>AEM4102-4</b>	8,773	L1	30.66	518	90.2	460	25.4	
25	1800	324U	<b>AEM4103-4</b>	7,597	L1	30.66	560	92.4	460	29.5	
	1200	364U	<b>AEM4111-4</b>	9,413	L1	33.94	989	93	460	29.2	
30	1800	326U	<b>AEM4104-4</b>	8,583	L1	30.66	579	93.6	460	35	
	1200	365U	<b>AEM4117-4</b>	10,918	L1	33.94	989	93	460	35.1	
40	1800	364U	<b>AEM4307-4</b>	10,199	L1	33.94	854	94.5	460	45	
	1200	404U	<b>AEM4308-4</b>	13,888	L1	36.76	1230	94.1	460	47.4	
50	1800	365U	<b>AEM4311-4</b>	12,282	L1	33.94	886	93.6	460	56.4	
	1200	405U	<b>AEM4312-4</b>	16,572	L1	37.91	1193	94.1	460	58.2	
60	1800	405U	<b>AEM4314-4</b>	15,008	L1	36.76	1337	94.5	460	67.6	
	1200	444U	<b>AEM4403-4</b>	19,390	L1	44.37	1415	94.1	460	70.2	
75	1800	444U	<b>AEM4316-4</b>	18,755	L1	44.37	1727	95.4	460	82.5	
	1200	445U	<b>AEM4404-4</b>	26,259	L1	44.37	1800	95	460	85.6	
100	1800	445U	<b>AEM4400-4</b>	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	<b>OF3764T</b>	2,314	L1	19.32	164	80	230/460/796	3.1	1
5	1200	215T	<b>OF3768T</b>	2,565	L1	19.32	196	80	230/460/796	4.4	1
7 1/2	1200	254T	<b>OF2276T</b>	3,127	L1	23.25	249	84	230/460/796	7.4	1
10	1200	256T	<b>OF2332T</b>	3,482	L1	23.25	280	84	230/460/796	9	1
15	1200	284T	<b>OF4100T</b>	5,553	L1	27.56	415	87.5	230/460/796	11.6	1
20	1200	286T	<b>OF4102T</b>	6,709	L1	27.56	451	87.5	230/460/796	15	1
25	1200	324T	<b>OF4111T</b>	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	<b>OF4117T</b>	9,817	L1	30.27	611	88.5	460/796	22.5	1
40	1200	365T	<b>OF4308T</b>	10,877	L1	33.44	928	89.5	460/796	28	1
50	1200	404T	<b>OF4312T</b>	14,089	L1	38.03	1316	89.5	460/796	33.9	1
60	1200	405T	<b>OF4403T</b>	17,426	L1	38.03	1407	90.2	460/796	40.5	1
75	1200	444T	<b>OF4404T</b>	18,899	L1	40.98	1850	88.5	460/796	51.5	1
		444T	<b>OF4904T</b>	18,899	L1	40.98	1850	88.5	460/796	51.5	1, 99
100	1200	445T	<b>OF4409T</b>	24,566	L1	48.24	2609	90.2	460/796	67.6	1
		445T	<b>OF4909T</b>	24,566	L1	48.24	2609	90.2	460/796	67.6	1, 99
125	1200	447T	<b>OF4411T</b>	31,535	L1	53.24	2380	91	460/796	83.7	1
		447T	<b>OF4911T</b>	31,535	L1	53.24	2380	91	460/796	83.7	1, 99
150	1200	447T	<b>OF44156T</b>	37,249	L1	53.24	3227	91.7	460/796	99.9	1
		447T	<b>OF49156T</b>	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	<b>OF3303T</b>	1,414	L1	18.13	92	81.5	230/460/796	3.1	2
5	1200	215T	<b>OF3305T</b>	1,876	L1	18.13	127	82.5	230/460/796	4.7	2
7 1/2	1200	254T	<b>OF3307T</b>	2,339	L1	24.18	209	81.5	230/460/796	7.2	2
		254T	<b>OF3407T</b>	2,565	L1	20.63	270	84	230/460/796	7.2	1
10	1200	256T	<b>OF3310T</b>	2,834	L1	24.18	234	82.5	230/460/796	9.2	2
		256T	<b>OF3410T</b>	2,997	L1	22.38	280	84	230/460/796	9	1
15	1200	284T	<b>OF3315T</b>	3,975	L1	26.31	288	85.5	230/460/796	13	1
		284T	<b>OF3415T</b>	4,200	L1	23.44	336	85.5	230/460/796	13.3	1
20	1200	286T	<b>OF3320T</b>	4,762	L1	26.31	323	84	230/460/796	17.2	1
		286T	<b>OF3420T</b>	4,982	L1	24.94	372	86.5	230/460/796	16.8	1
25	1200	324T	<b>OF3325T</b>	6,119	L1	29.18	437	85.5	230/460/796	20	1
		324T	<b>OF3425T</b>	6,510	L1	26.13	517	85.5	230/460/796	20	1
<b>Open Drip Proof, 460/796 VAC</b>											
30	1200	326T	<b>OF3330T</b>	7,444	L1	29.18	444	85.5	460/796	24	1
		326T	<b>OF3430T</b>	7,873	L1	27.63	537	85.5	460/796	24	1
40	1200	365T	<b>OF3340T</b>	9,483	L1	29.94	550	88.5	460/796	32.5	1
		365T	<b>OF3440T</b>	10,052	L1	29.70	953	87.5	460/796	28.4	1
50	1200	404T	<b>OF3350T</b>	11,088	L1	34.00	914	87.5	460/796	36.7	1
60	1200	404T	<b>OF3360T</b>	12,458	L1	34.00	1051	89.5	460/796	41.3	1
75	1200	404T	<b>OF3375T</b>	14,703	L1	34.00	1158	89.5	460/796	50.8	1
100	1200	445T	<b>OF33100T</b>	15,621	L1	39.56	1658	89.5	460/796	69.9	1
125	1200	449T	<b>OF33125T</b>	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 WPII custom motors through 15,000 Hp. Contact your local Baldor•Reliance Sales Representative.

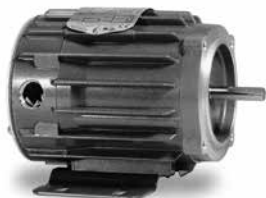
**Single and Three Phase, TENV, Foot or C-Face Mounting, Removable Base**

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

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IEC Frame Motors

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Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes