

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

**1 thru 25 Hp**

**NEMA 56 thru 324T**

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



**Features:** Lifting eye bolt mounted at top center 215T frame and larger for easy handling, copper windings, 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>										
1-0.5	1800/900	143T	<b>M1504T</b>	873	L1	13.31	36	208-230	2.9	71
1.5-0.75	1800/900	145T	<b>M1505T</b>	922	L1	14.19	46	230	4.1	8,71
2-1	1800/900	184T	<b>M1506T</b>	1,120	L1	16.54	65	208-230	5.2	71
3-1.5	1800/900	184T	<b>M1507T</b>	1,269	L1	18.04	82	230	8.3	1,71
5-2.5	1800/900	215T	<b>M1508T</b>	1,658	L1	19.01	113	208-230	10.4	71
7.5-3.8	1800/900	215T	<b>M1509T</b>	2,159	L1	20.51	130	230	18.9	1,71
10-5	1800/900	254T	<b>M1510T</b>	3,326	L1	23.16	276	230	25.6	1,71
<b>Constant Torque, One Winding, High Voltage</b>										
1-0.5	1800/900	143T	<b>M1704T</b>	873	L1	13.31	36	460	1.4	71
1.5-0.75	1800/900	145T	<b>M1705T</b>	922	L1	14.19	45	460	2.1	8,71
2-1	1800/900	184T	<b>M1706T</b>	1,120	L1	16.54	65	460	2.8	71
3-1.5	1800/900	184T	<b>M1707T</b>	1,269	L1	18.04	84	460	4.2	1,71
5-2.5	1800/900	213T	<b>M1708T</b>	1,658	L1	19.01	112	460	6.5	71
7.5-3.8	1800/900	215T	<b>M1709T</b>	2,159	L1	20.51	131	460	9.4	1,71
10-5	1800/900	254T	<b>M1710T</b>	3,326	L1	23.16	275	460	13	1,71
15-7.5	1800/900	256T	<b>M1711T</b>	3,852	L1	23.16	265	460	19.2	1,71
20-10	1800/900	284T	<b>M1712T</b>	4,894	L1	27.76	389	460	25	1,71
25-13	1800/900	286T	<b>M1713T</b>	5,942	L1	27.76	396	460	29	1,71
<b>Variable Torque, One Winding, Low Voltage</b>										
1-0.25	1800/900	143T	<b>M1554T</b>	615	L1	12.31	31	208-230	1	71
1.5-0.38	1800/900	145T	<b>M1555T</b>	640	L1	13.31	38	208-230	2.4	71
2-0.5	1800/900	145T	<b>M1556T</b>	743	L1	13.31	39	208-230	2.6	71
3-0.75	1800/900	184T	<b>M1557T</b>	799	L1	16.54	65	208-230	3	1,71
5-1.3	1800/900	184T	<b>M1558T</b>	1,017	L1	18.04	83	208-230	5.2	71
7.5-1.9	1800/900	215T	<b>M1559T</b>	1,447	L1	19.01	125	230	18.5	1,71
<b>Variable Torque, One Winding, High Voltage</b>										
1-0.25	1800/900	143T	<b>M1754T</b>	615	L1	12.31	32	460	1.6	1,71
1.5-0.38	1800/900	145T	<b>M1755T</b>	640	L1	13.31	38	460	2.4	71
2-0.5	1800/900	145T	<b>M1756T</b>	743	L1	14.19	45	460	2.9	71
3-0.75	1800/900	184T	<b>M1757T</b>	799	L1	16.54	63	460	4	1,71
5-1.3	1800/900	184T	<b>M1758T</b>	1,017	L1	18.04	81	460	6.7	1,71
7.5-1.9	1800/900	215T	<b>M1759T</b>	1,433	L1	19.01	125	460	9.3	1,71
10-2.5	1800/900	215T	<b>M1760T</b>	1,688	L1	20.52	160	460	12.5	8,71
15-3.75	1800/900	254T	<b>M1761T</b>	2,333	L1	23.16	248	460	19.6	1,71
20-5	1800/900	284T	<b>M1762T</b>	2,760	L1	27.76	339	460	26	1,71
25-6.3	1800/900	286T	<b>M1763T</b>	3,202	L1	27.76	363	460	32	1,71
<b>Variable Torque, Two Windings, Low Voltage</b>										
0.75-0.33	1800/1200	56	<b>M1519</b>	680	K	13.23	34	230	2.8	71
1-0.44	1800/1200	145T	<b>M1520T</b>	710	L1	13.31	38	230	3.7	71
1.5-0.67	1800/1200	182T	<b>M1521T</b>	878	L1	15.17	56	208-230	2.8	71
2-0.89	1800/1200	182T	<b>M1522T</b>	1,006	L1	16.54	64	230	5.8	71
3-1.3	1800/1200	184T	<b>M1523T</b>	1,178	L1	16.54	71	208-230	5.1	1,71
5-2.2	1800/1200	215T	<b>M1524T</b>	1,846	L1	19.01	114	230	12.8	1,71

(a) See notes on inside back flap and pages 5-6.

■ Cast Iron Frame

Farm Duty Motors

Definite Purpose Motors

Unit Handling

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, 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>										
0.5-0.22	1800/1200	56	<b>M1718</b>	633	K	12.23	30	460	0.9	71
0.75-0.33	1800/1200	56	<b>M1719</b>	701	K	13.23	34	460	1.4	71
1-0.44	1800/1200	145T	<b>M1720T</b>	710	L1	13.31	38	460	1.9	71
1.5-0.67	1800/1200	182T	<b>M1721T</b>	878	L1	15.17	55	460	2.2	71
2-0.89	1800/1200	182T	<b>M1722T</b>	1,006	L1	16.54	66	460	3	71
3-1.3	1800/1200	184T	<b>M1723T</b>	1,178	L1	16.54	73	460	4	1,71
5-2.2	1800/1200	215T	<b>M1724T</b>	1,846	L1	19.01	116	460	6.4	1,71
7.5-3.3	1800/1200	254T	<b>M1725T</b>	2,387	L1	23.16	219	460	10.3	1,71
10-4.4	1800/1200	254T	<b>M1726T</b>	2,748	L1	21.07	233	460	12.5	1,71
15-6.7	1800/1200	284T	<b>M1727T</b>	3,260	L1	27.76	356	460	19.3	1,71
20-8.9	1800/1200	286T	<b>M1728T</b>	4,422	L1	27.76	376	460	27	1,71
25-11	1800/1200	324T	<b>M1729T</b>	4,659	L1	30.28	513	460	30	1,71

(a) See notes on inside back flap and pages 5-6.

■ Cast Iron Frame

Farm Duty Motors

Definite Purpose Motors

Unit Handling

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & 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. 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.



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	906	L1	13.18	78	84	460	1.5	2,20,60
		182	↔P18G3110	906	L1	15.12	85	85.7	460	1.4	
		182	AM3683-4	637	L1	14.74	72	82.5	460	1.5	2,20
	1200	184	AEM3684-4	1,144	L1	14.74	88	80.5	460	1.7	2,20
		184	AM3684-4	696	L1	14.74	81	80	460	1.7	2,20
1 1/2	1800	184	AEM3686-4	973	L1	14.74	86	85	460	2.2	2,20
		184	AM3686-4	696	L1	14.74	75	81.5	460	2.2	2,20
		184	AEM3687-4	1,265	L1	14.74	94	84	460	2.5	2,20
	1200	184	AM3687-4	801	L1	14.74	87	81.5	460	2.5	2,20
		184	AEM3689-4	1,037	L1	14.74	90	86	460	2.9	2,20
2	1800	184	↔P18G3114	1,037	L1	15.12	85	88.3	460	2.5	
		184	AM3689-4	729	L1	14.74	83	80	460	2.8	2,20
		213	AEM3782-4	1,412	L1	18.07	152	83.5	460	3.2	2,20
	1200	213	AM3782-4	940	L1	18.07	165	82.5	460	3	2,20
		213	AEM3783-4	1,197	L1	18.07	155	87.5	460	3.9	2,20
3	1800	213	↔P21G3109	1,197	L1	18.88	130	87.5	460	4	
		213	AM3783-4	853	L1	18.07	157	87.5	460	3.9	2,20
		215	AEM3784-4	1,720	L1	18.07	171	86.5	460	4.4	2,20
	1200	215	AM3784-4	1,101	L1	18.07	178	81.5	460	4.3	2,20
		215	AEM3787-4	1,567	L1	18.07	166	87.5	460	6.4	2,20
5	1800	215	↔P21G3111	1,567	L1	18.88	140	89.6	460	6.1	
		215	AM3787-4	1,054	L1	18.07	153	86.5	460	6.5	2,20
		254U	AEM2275-4	2,386	L1	20.81	235	88.5	460	7.1	2,20
	1200	254U	↔P25G3104	2,386	L1	24.31	310	89.8	460	6.6	
		254U	AM2275-4	1,702	L1	22.91	240	86.5	460	7	2,20
7 1/2	1800	254U	AEM2237-4	2,103	L1	22.91	224	89.5	460	9.2	2,20
		254U	↔P25G3106	2,103	L1	24.31	310	91.7	460	9.2	
		256U	AEM2276-4	3,040	L1	22.91	254	90.2	460	10.6	2,20
	1200	256U	AM2276-4	2,159	L1	22.91	270	89.5	460	10.8	2,20
		256U	AEM2238-4	2,543	L1	22.91	243	90.2	460	12	2,20
10	1800	256U	↔P25G3107	2,543	L1	24.31	345	91	460	12.3	
		284U	AEM2332-4	3,731	L1	27.81	391	91.7	460	13.2	2,20
		284U	↔P28G3103	3,731	L1	27.69	425	91.3	460	12.6	
	1200	284U	AM2332-4	2,718	L1	27.81	380	88.5	460	13	2,20
		284U	AEM2333-4	3,534	L1	26.22	358	92.4	460	18	2,20
15	1800	284U	↔P28G3104	3,534	L1	27.69	425	92.9	460	17.9	
	1200	324U	AEM4100-4	5,000	L1	30.66	502	89.5	460	19	2,20
20	1800	286U	AEM2334-4	4,262	L1	27.81	416	90.2	460	24.5	2,20
		286U	↔P28G3105	4,262	L1	27.69	455	92.5	460	23.6	
	1200	326U	AEM4102-4	6,274	L1	30.66	516	89	460	25	2,20
25	1800	324U	AEM4103-4	5,433	L1	30.66	554	92.4	460	29.5	2,20
		324U	↔P32G3106	5,433	L1	30.81	540	93.6	460	29	
	1200	364U	AEM4111-4	6,731	L1	33.35	734	91.7	460	30	2,20
		364U	↔P36G3104	6,731	L1	33.94	850	93.4	460	29.2	

(a) See notes on inside back flap and pages 5-6.

↔ = Functional Equivalent

■ Cast Iron Frame

Meets GM for minimum efficiency times power factor requirements per GM7EHQ.

Farm Duty Motors

Definite Purpose Motors

Unit Handling

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, Three Phase, TEFC, Foot Mounted**

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
30	1800	326U	AEM4104-4	6,138	L1	30.66	567	93.6	460	35	2,20
		326U	↔P32G3107	6,138	L1	30.81	610	93.7	460	34.5	
	1200	365U	AEM4117-4	7,808	L1	33.35	765	91.7	460	36	2,20
40	1800	364U	AEM4307-4	7,293	L1	33.35	709	93.6	460	46	2,20
		364U	↔P36G3106	7,293	L1	33.94	850	94.6	460	45	
	1200	404U	AEM4308-4	9,931	L1	36.76	983	92.5	460	46	2,20
50	1800	365U	AEM4311-4	8,783	L1	33.35	799	93.6	460	58	2,20
		365U	↔P36G3107	8,783	L1	33.94	890	93.8	460	56.4	
	1200	404U	AEM4312-4	11,852	L1	37.91	987	93	460	57	2,20
60	1800	405U	AEM4314-4	10,733	L1	36.76	1,004	92.5	460	68	2,20
		405U	↔P40G383	10,733	L1	38.19	1,100	95.3	460	67.6	
	1200	444U	AEM4403-4	13,867	L1	44.37	1,494	93	460	71	2,20
75	1800	444U	AEM4316-4	13,413	L1	44.37	1,327	94.5	460	85	2,8
		445U	AEM4404-4	18,780	L1	44.37	1,576	94.1	460	88	2,20
	1200	445U	AM4404-4	12,554	L1	44.37	1,581	93	460	86	2,20
100	1800	445U	AEM4400-4	14,817	L1	44.37	1,573	94.1	460	116	2,20

(a) See notes on inside back flap and pages 5-6.

↔ = Functional Equivalent

■ Cast Iron Frame

Meets GM for minimum efficiency times power factor requirements per GM7EHQ.

**Automotive, Three Phase, TENV, C-Face, Foot Mounted**

**1/4 thru 1 Hp**

**NEMA 56C**

**Applications:** Automotive approved motors for pumps, compressors, fans, conveyors, machine tools and other applications.

**Features:** Double shield ball bearings, stainless steel nameplate, epoxy paint. Suitable for 65°C ambient 1.00 service factor or 1.15 service factor, 40°C ambient.



Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
1/4	1800	56C	CAM3454	321	K	11.07	27	71	230/460	0.55	2
		56C	↔P56X5040	321	K	10.20	19	76.1	230/460	0.5	20
1/3	1800	56C	CAM3534	363	K	11.07	25	76	208-230/460	0.55	2
		56C	↔P56X5044	363	K	10.44	23	80	208-230/460	0.5	20
1/2	3600	56C	CAM3537	386	K	11.07	28	70	208-230/460	0.9	2
		56C	↔P56X5046	386	K	11.07	28	78.5	208-230/460	0.75	20
	1800	56C	CAM3538	441	K	11.07	30	75.5	208-230/460	0.8	2
		56C	↔P56X5047	441	K	11.68	29	82.5	208-230/460	0.8	20
3/4	3600	56C	CAM3541	425	K	11.07	31	80	208-230/460	1.1	2
		56C	↔P56X5049	425	K	10.44	29	83.8	208-230/460	1.1	20
	1800	56C	CAM3542	478	K	11.07	34	80	208-230/460	1.1	2
		56C	↔P56X5050	478	K	10.44	32	83.3	208-230/460	1.1	20
1	3600	56C	CAM3545	500	K	11.07	33	80	208-230/460	1.4	2
		56C	↔P56X5052	500	K	11.44	32	84.6	208-230/460	1.35	20

(a) See notes on inside back flap and pages 5-6.

↔ = Functional Equivalent

Farm Duty Motors

Definite Purpose Motors

Unit Handling

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes