

**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