

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

(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