



+1 262-244-0581

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AC MOTOR STOCK

Ideal for a wide variety of variable speed applications that require constant torque from zero speed. This motor offers a power dense, compact design, low inertia with a wide speed range. The modular design provides high degree of flexibility.



Applications

Mixers, Extrusion, Injection molding, Printing machines, Conveyors & Test stands

Features

- IC06, Force ventilated
- Air filter
- Balanced per IEC 60034-14, Grade A (ISO 1940/1, G2.5)
- Blower mounted on Top at NDE
- Built to NEMA MG1 standards
- CE Mark
- AEGIS shaft grounding ring, 500HP –700HP
- Class H insulation with Class F temperature rise
- Encoder, 1024ppr, HTL, 8-30VDC, 6 channel
- Foot mount, B3/IM1001
- Thermostat, Klaxon type contact, NC
- Terminal box: F1 (LHS, when facing DE)

Motor Characteristics									
HP	Base Speed	Constant HP Speed	Catalog #	Frame	List Price	Wt, #	Torque Nm	Nominal Amps	Max. Mechanical Speed
50	1800	2880	AMP 133-4A	L2168	10,345	373	199	65	6700
75	1800	2880	AMP 159-4A	L2578	16,769	653	297	97	5600
100	1800	2880	AMP 159-4A	L2578	16,937	653	396	126	5600
125	1800	2880	AMP 178-4A	L2882 *	21,824	797	495	152	4800
150	1800	2880	AMP 178-4A	L2882 *	22,042	997	594	178	4800
200	1800	2880	AMP 178-4B	L2897 *	27,061	997	791	234	4800
250	1800	2880	AMP 178-4C	L2898	31,844	1,317	989	293	4800
300	1800	2880	AMP 229-4B	L3614 *	39,079	2,011	1188	357	3800
400	1800	2880	AMP 229-4B	L3614 *	39,470	2,889	1583	459	3800
500	1800	2880	AMP 254-4B	L4022	54,424	2,889	1979	580	3500
600	1800	2880	AMP 279-4B	L4429	87,096	3,637	2375	680	3200
700	1800	2880	AMP 279-4B	L4429	87,967	3,637	2770	776	3200

* F2 (RHS) terminal box available

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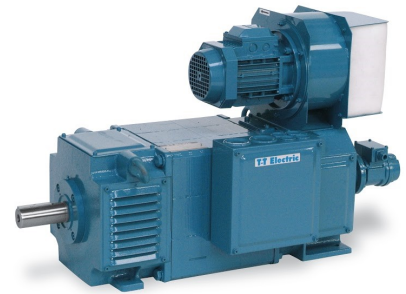
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DC MOTOR STOCK



- IC06, Force ventilated
- Air Filter
- Balanced per IEC 60034-14, Grade A
- Blower mounted top at NDE
- Built to NEMA MG1 Standards
- CE, CSA
- Constant torque 0—Base speed
- Reinforced impregnation
- Terminal box F1
- Thermostats, NC for Trip

Motor Characteristics									
HP	Base/Max Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog #	List Price	Weight #
			Arm.	Field	Arm.	Field			
30	1750/2300	2114ATZ	500	300	50	1.9	LAK 4133C	26,945	367
40	1750/2100	2114ATZ	500	300	64	3.2	LAK 4133C	27,215	552
50	1750/2100	2116ATZ	500	300	84	2.6	LAK 4133D	33,302	552
60	1750/2100	2512ATZ	500	300	101	4.1	LAK 4159B	30,366	596
75	1750/2100	2515ATZ	500	300	125	4.6	LAK 4159D	43,629	930
100	1750/2100	2515ATZ	500	300	163	5.4	LAK 4159D	44,065	930
125	1750/2000	2814ATZ	500	300	199	4.46	LAK 4178DA	50,725	1108
150	1750/2000	2814ATZ	500	300	240	4.5	LAK 4178DA	51,232	1108
200	1750/2100	2815ATZ	500	300	322	7.8	LAK 4178FA	68,635	1498
250	1750/2100	3611ATZ	500	300	398	8	LAK 4229A	88,116	1690
300	1750/2100	3611ATZ	500	300	482	8	LAK 4229A	88,997	1690
400	1750/2100	4011ATZ	500	300	637	9.6	LAK 4254A	120,687	2270
500	1750/2100	4013ATZ	500	300	794	10.4	LAK 4254C	134,783	2880
600	1750/2100	4410ATZ	500	300	946	13.6	LAK 4279A	152,247	3300
700	1750/2100	4412ATZ	500	300	1102	8.9	LAK 4279C	166,392	3750

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