



Elektrim[®]
Motors

Elektrim High Torque Single Phase Rolled Steel Motors

Engineered for Tough-to-Handle High Torque Applications and Environments

3-10 HP 1PH TEFC 60 Hz NEMA AC Foot Mounted and C-Face Motors

Features

- High starting torque
- Service Factor: up to 1.15
- Design: "L"
- Protection Degree: IP55
- Enclosure: TEFC rolled steel NEMA frame
- Vacuum pressure impregnation (VPI) for the most dependable failsafe electrical performance
- Oversized ball bearings
- F1 footmount assembly with or without C-Face
- 1-Phase 208-230/460V 60Hz
- Shaft V-ring seals
- Rolled steel construction with cast iron end plates
- Outdoor usable
- Start and run capacitors standard
- Corrosion resistant epoxy coated
- Condensation drains
- CSA-US certified
- Replacement parts available
- Warranty: 1-Year

Applications

Ideal for a variety of moderate to high-starting torque applications such as grain augers, poultry feed augers, bin grain stirring systems, manure pumps, hog pond pumps, grain legs, conveyors, pumps, aeration and more.



Maximum Performance in Your Toughest Industrial Applications

Footed Motors

Footed Part Number	List Price	HP	RPM	Frame	Volt	Phase	HZ	Full Load Amps	Service Factor	LRT %	BDT %	LRA %	EFF %	PF %	C DIM in	NEMA Design	lbs	Encl	Start Cap uF/350V	Run Cap uF/450V
36TF-1-3-36	\$706	3	3475	182T	208-230/460V	1	60	14.0-12.4/6.3	1.15	234	150	641	79.4	99	17	L	88	TEFC	300	40
36TF-1-3-18	\$787		1735	182T	208-230/460V	1	60	14.5-12.6/6.4	1.15	295	160	695	81.7	95	17	L	92	TEFC	350	30
36TF-1-5-36	\$838	5	3490	184T	208-230/460V	1	60	23.0-20.0/10.0	1.15	157	170	503	82.5	99	18	L	95	TEFC	400	50
36TF-1-5-18	\$901		1740	184T	208-230/460V	1	60	22.5-20.0/10.0	1.15	270	150	663	83.8	95	18	L	110	TEFC	350	40
36TF-1-7.5-36	\$1,245	7.5	3490	213T	208-230/460V	1	60	31.5-29.0/15.0	1.15	314	190	616	83.5	99	20	L	123	TEFC	500	60
36TF-1-7.5-18	\$1,358		1740	213T	208-230/460V	1	60	32.8-30.0/15.2	1.15	340	180	783	84.5	98	20	L	143	TEFC	650	60
36TF-1-10-18	\$1,672	10	1738	215T	208-230/460V	1	60	40.2-38.2/19.5	1.0	299	170	684	88.7	97	20	L	161	TEFC	450 (x2)*	50 (x2)*

* (2) capacitors needed per motor.

Footed C-Face Motors

Footed Part Number	List Price	HP	RPM	Frame	Volt	Phase	HZ	Full Load Amps	Service Factor	LRT %	BDT %	LRA %	EFF %	PF %	C DIM in	NEMA Design	lbs	Encl	Start Cap uF/350V	Run Cap uF/450V
36TC-1-3-36	\$755	3	3475	182TC	208-230/460V	1	60	14.0-12.4/6.3	1.15	234	150	641	79.4	99	17	L	88	TEFC	300	40
36TC-1-3-18	\$842		1735	182TC	208-230/460V	1	60	14.5-12.6/6.4	1.15	295	160	695	81.7	95	17	L	92	TEFC	350	30
36TC-1-5-36	\$897	5	3490	184TC	208-230/460V	1	60	23.0-20.0/10.0	1.15	157	170	503	82.5	99	18	L	95	TEFC	400	50
36TC-1-5-18	\$964		1740	184TC	208-230/460V	1	60	22.5-20.0/10.0	1.15	270	150	663	83.8	95	18	L	110	TEFC	350	40
36TC-1-7.5-36	\$1,332	7.5	3490	213TC	208-230/460V	1	60	31.5-29.0/15.0	1.15	314	190	616	83.5	99	20	L	123	TEFC	500	60
36TC-1-7.5-18	\$1,453		1740	213TC	208-230/460V	1	60	32.8-30.0/15.2	1.15	340	180	783	84.5	98	20	L	143	TEFC	650	60
36TC-1-10-18	\$1,789	10	1738	215TC	208-230/460V	1	60	40.2-38.2/19.5	1.0	299	170	684	88.7	97	20	L	161	TEFC	450 (x2)*	50 (x2)*

* (2) capacitors needed per motor.

Elektrim High Torque Single Phase Motors are the ideal solution:

- Augers
- Feeders
- Hay Hoists
- Irrigation Pumps
- Bucket Elevators
- Agitators
- Barn Cleaners
- Transfer Pumps
- Conveyors
- Compressors
- Silo Unloaders
- Pressure Washers



SOLUTIONS TO MEET YOUR NEEDS

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