



***GE Industrial Systems***

**A MOTOR FOR EVERY FARM DUTY APPLICATION**



***We bring good things to life.***

## MOTORS DESIGNED FOR THE RIGORS OF FARM LIFE.



The complete line of GE farm duty motors is designed specifically for the rigors of life on the farm.

They're built tough to withstand the most severe duty. With heavy duty bearing systems that run longer and smoother. Premium insulation that exceeds rating requirements for cooler operation and longer insulation life. Superior corrosion resistance to protect against moisture and contaminants that lead to premature failure. And engineered with the exact torque requirements needed for farm applications. They're backed by GE Industrial Systems. That means you get the benefits of 100 years of GE engineering experience at matching the motor to the job. And, if needed, you can get service 24 hours a day from over 900 GE Servicenters worldwide.



These single- and three-phase motors start the heaviest loads under the most difficult conditions for years, especially the cold, damp, dirty or corrosive environments typical of crop and feed handling.

There's a GE motor right for any farm job.



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# TEFC MOTORS FOR RUGGED FARM DUTY SERVICE

These motors feature premium insulation, special corrosion-resistant paint and extra high starting and breakdown torque. Ratings from 1 to 10 Hp are commonly used to power heavy equipment like grain augers, barn cleaners, bunk feeders and silo unloaders. Motors from 1/4 to 2 Hp are used to run feeders, conveyors, small augers, fans and other lighter duty farm equipment in harsh environments.



## TEFC Motors for Rugged Farm Duty Service

HP	RPM	Volts	NEMA Frame	SF	Brgs.	Encl.	Prot.	Base	Full Load Amps @ NP Volts	Catalog No.	Wt.	'C'	Notes
<b>Single Phase - High Torque Designs</b>													
1/3	1725	115/230	56	1.0	Ball	TEFC	Man	WB	7.8/3.9	F13E1	21	11.0	
1/2	1725	115/230	56	1.0	Ball	TEFC	Man	WB	9.0/4.5	F12E1	21	11.8	
3/4	1725	115/230	56	1.0	Ball	TEFC	Man	WB	11.0/5.5	F34E1	31	11.8	
1	1725	115/230	56	1.0	Ball	TEFC	Man	WB	13.2/6.6	F10E1	38	13.0	
1.5	1725	115/208-230	145T	1.15	Ball	TEFC	Man	WB	14.5/7.2	F15E1	44	14.1	36
1.5	1725	115/208-230	56H	1.0	Ball	TEFC	Man	WB	14.5/7.2	F100	44	13.8	36
2	1800	115/230	182T	1.0	Ball	TEFC	None	Ftd	24.0/12.0	N777	79	16.5	
2	1800	230	182TZ	1.15	Ball	TEFC	Man	Ftd	6.0	F787	79	17.0	15
3	3600	115/230	182T	1.0	Ball	TEFC	None	Ftd	25.8/12.9	N778	71	16.5	
3	1800	115/230	184T	1.0	Ball	TEFC	None	Ftd	30.0/15.0	N779	86	16.9	
3	1800	230	184TZ	1.15	Ball	TEFC	Man	Ftd	15.5	F789	92	18.3	16
5	3600	230	184T	1.0	Ball	TEFC	None	Ftd	20.5	N780	86	17.7	
5	1800	230	184T	1.0	Ball	TEFC	None	Ftd	21.5	N781	96	17.7	
5	1800	230	184TZ	1.15	Ball	TEFC	Man	Ftd	22.0	F792	103	18.7	4
7.5	3600	230	215T	1.0	Ball	TEFC	None	Ftd	33.3	N782	146	20.5	
7.5	1800	230	215T	1.0	Ball	TEFC	None	Ftd	34.0	N783	132	20.5	
10	3600	230	215T	1.0	Ball	TEFC	None	Ftd	42.0	N784	161	21.6	
10	1800	230	215T	1.0	Ball	TEFC	None	Ftd	44.0	N785	160	21.6	
<b>Single Phase - Extra High Torque Designs</b>													
1	1800	115/230	143T	1.15	Ball	TEFC	Man	Ftd	4.0/8.0	F835	50	15.8	
1	1800	115/230	56	1.15	Ball	TEFC	Man	Ftd	4.0/8.0	F837	38	12.6	
1.5	1800	115/230	145T	1.15	Ball	TEFC	Man	Ftd	22.0/11.0	F836	58	15.8	
2	1800	230	182TZ	1.15	Ball	TEFC	Man	Ftd	14.0	F786	84	17.0	15
3	1800	230	184TZ	1.15	Ball	TEFC	Man	Ftd	21.0	F788	92	18.3	16
5	1800	230	184TZ	1.15	Ball	TEFC	Man	Ftd	30.0	F790	103	18.7	4
5	1800	230	215TZ	1.15	Ball	TEFC	Man	Ftd	22.6	F791	152	21.6	14
7.5	1800	230	215TZ	1.15	Ball	TEFC	Man	Ftd	29.7	F798	194	22.0	13
7.5	1800	230	215TZ	1.15	Ball	TEFC	Man	Ftd	36.0	F793	194	21.6	14
10	1800	230	215TZ	1.0	Ball	TEFC	Man	Ftd	43.0	F794	202	22.0	14
10	1800	230	215TZ	1.0	Ball	TEFC	Man	Ftd	43.0	F795	200	21.6	13
<b>Three Phase, Energy Efficient EAct Designs</b>													
1	1800	230/460	143T	1.15	Ball	TEFC	None	Ftd	1.9/1.45	S211	53	12.1	KE
1.5	1800	230/460	145T	1.15	Ball	TEFC	None	Ftd	4.1/2.05	S214	57	13.1	KE
2	1800	230/460	145T	1.15	Ball	TEFC	None	Ftd	5.5/2.75	S215	62	13.1	KE
3	1800	230/460	182T	1.15	Ball	TEFC	None	Ftd	7.6/3.8	S219	82	14.4	KE
5	1800	230/460	184T	1.15	Ball	TEFC	None	Ftd	12.4/6.2	S225	110	15.4	KE
7.5	1800	230/460	213T	1.15	Ball	TEFC	None	Ftd	18.2/9.1	S231	170	17.8	KE
10	1800	230/460	215T	1.15	Ball	TEFC	None	Ftd	23.8/11.9	S238	196	19.3	KE
15	1800	230/460	254T	1.15	Ball	TEFC	None	Ftd	34.8/17.4	S245	306	23.1	KE
20	1800	230/460	256T	1.15	Ball	TEFC	None	Ftd	46.0/23.0	S252	352	24.8	KE
25	1800	230/460	284T	1.15	Ball	TEFC	None	Ftd	58.0/29.0	S258	452	26.1	KE
30	1800	230/460	286T	1.15	Ball	TEFC	None	Ftd	69.0/34.5	S265	494	27.6	KE

**Notes:**

- 4 Shaft extension 3 7/16" long by 1 1/8" diameter
- 13 Shaft extension 3 5/8" long by 1 3/8" diameter
- 14 Shaft extension 3 1/4" long by 1 1/8" diameter
- 15 Shaft extension 2 3/4" long by 7/8" diameter
- 16 Shaft extension 3" long by 1 1/8" diameter
- 36 Electrical design incorporates a run capacitor

KE Meets U.S. Energy Policy Act of 1992 (EAct) and Canadian Energy Efficiency Regulations (CEER)

Additional Three Phase stock ratings are available in 3600 RPM, 1200 RPM, premium efficiency, severe-duty and open dripproof construction.

Higher horsepower stock ratings are also available. For details, check your local GE Distributor or see our web site: [www.ge.com/gemis](http://www.ge.com/gemis)

# AIR MOVING MOTORS FOR AGRICULTURAL BUILDINGS

These motors are specifically designed for use in exhaust fans, air circulators, coolers and other air handling equipment. Ratings featuring automatic overload protection prevent burnout on hot days. Extended clamp or through bolts provide easy replacement of existing motors in any equipment you're using. They are designed to be mounted in the airstream of the equipment without picking up dust, dirt or other contaminants. Applications include barns, poultry houses, hatcheries and grain bins.



## Air Moving Motors for Agricultural Buildings

HP	RPM	Volts	NEMA Frame	SF	Brgs.	Encl.	Prot.	Base	Full Load Amps @ NP Volts	Catalog No.	Wt.	'C'	Notes
<b>Single Phase - Split Phase</b>													
1/6	1725	115	48	1.0	Ball	TENV	Auto	RBE	3.5	H196	14	8.9	
1/6	1725	115	48	1.0	Ball	TENV	None	RBE	3.5	H195	14	8.9	
1/6	1140	115	48	1.0	Ball	TENV	Auto	RBE	3.7	H198	17	9.6	
1/6	1140	115	48	1.0	Ball	TENV	None	RBE	3.7	H197	17	9.6	
1/4	1725	115	48	1.0	Ball	TENV	Auto	RBE	5.1	H135	14	8.9	
1/4	1725	115/208-230	48	1.0	Ball	TENV	Auto	RBE	3.0/1.6-1.5	H649	16	10.4	36 39
1/4	1725	230	48	1.0	Ball	TENV	Auto	RBE	2.3	H277	16	9.2	
1/4	1725	115	48	1.0	Ball	TENV	None	RBE	5.1	H134	14	8.9	
1/4	1725	115	48Z	1.0	Ball	TENV	Auto	RBE	5.1	H697	14	9.7	11
1/4	1140	115	56	1.0	Ball	TENV	Auto	RBE	5.6	H137	27	10.5	
1/4	1140	115	56	1.0	Ball	TENV	None	RBE	5.6	H136	27	10.5	
1/3	1725	115	48	1.0	Ball	TENV	Auto	RBE	6.2	H139	15	9.2	
1/3	1725	115/208-230	48	1.0	Ball	TENV	Auto	RBE	4.1/2.1-2.0	H648	17	10.4	36 39
1/3	1725	230	48	1.0	Ball	TENV	Auto	RBE	2.5	H141	18	10.0	
1/3	1725	115	48	1.0	Ball	TENV	None	RBE	6.2	H138	15	9.2	
1/3	1725	230	48	1.0	Ball	TENV	None	RBE	2.5	H140	18	10.0	
1/3	1725	115	48Z	1.0	Ball	TENV	Auto	RBE	6.2	H698	15	9.9	11
1/3	1140	115/230	56	1.0	Ball	TENV	Auto	RBE	7.0/3.5	H699	31	11.5	
1/3	1140	115/230	56	1.0	Ball	TENV	None	RBE	7.0/3.5	H142	31	11.5	
1/2	1725	115/208-230	56	1.0	Ball	TENV	Auto	RBE	8.0/4.0-4.0	H247	23	10.1	
1/2	1725	115/208-230	56	1.0	Ball	TENV	None	RBE	8.0/4.0-4.0	H276	23	10.1	
1/2	1725	115	56	1.25	Ball	TENV	None	RBE	8.0	H143	21	10.1	
1/2	1725	115/208-230	56	1.30	Ball	TENV	Auto	RB	5.2/2.7-2.6	H647	19	10.4	36 39
3/4	1725	115/208-230	56	1.0	Ball	TENV	Auto	RB	8.2/4.0-4.1	C1303	29	10.8	36 38
1	1725/1425	115/208-230	56	1.0	Ball	TENV	Auto	RB	9.6/5.2-4.8	C1302	35	11.9	36 38 84
<b>Single Phase - Aeration Fan</b>													
3/4	3450	115/230	56Z	1.0	Ball	TENV	Auto	WB	9.8/4.9	C1467	18	11.3	
1	3450	115/230	56Z	1.0	Ball	TENV	Auto	WB	13.4/6.7	C1468	29	11.7	
1.5	3450	115/230	143T	1.0	Ball	TENV	Auto	WB	16.4/8.2	C1273	35	12.3	
2	3450	115/230	145T	1.0	Ball	TENV	Auto	WB	17.8/8.9	C1274	38	12.3	36
3	3450	230	145T	1.0	Ball	TENV	Auto	WB	13.2	C1275	49	13.7	36
<b>Incubator/Hatcher Vent Fan</b>													
1/3	1725	115/230	48Z	1.0	Ball	TENV	Auto	ECS	4.0/2.0	P239	14	10.2	34

### Notes:

- 11 Shaft extension 2 1/4" long by 1/2" diameter
- 34 Permanent Split Capacitor (Type KCP)
- 36 Electrical design incorporates a run capacitor
- 38 Capacitor Start (Type KC)
- 39 Split Phase (Type KH)
- 84 Motor designed for 50 or 60 Hertz operation

# AIR COMPRESSOR MOTORS

These single-phase dripproof, capacitor start motors are engineered for the unusual demands of compressor duty. Heavy, hard to start loads and repeated start-and-stop operation are no problem. Quick-connect leads in an oversized conduit box make wiring fast and easy. Compressor motors feature automatic or manual overload protection. Designed for replacement of most residential and commercial air compressors.



## Air Compressor Motors

HP	RPM	Volts	NEMA Frame	SF	Brgs.	Encl.	Prot.	Base	Full Load Amps @ NP Volts	Catalog No.	Wt.	'C'	Notes
<b>Single Phase - Capacitor Start</b>													
1/2	3450	115	56	1.0	Ball	DP	Man	WB	11.5	9031	27	11.1	
1/2	1725	115	56	1.0	Ball	DP	Auto	WB	8.8	9029	29	11.1	
3/4	3450	115	56	1.0	Ball	DP	Man	WB	12.5	9032	27	11.1	
3/4	1725	115	56	1.0	Ball	DP	Auto	WB	10.5	9030	29	11.1	
1	3450	115/230	56	1.0	Ball	Open	Man	WB	16.0/8.0	9033	29	11.1	
1.5	3450	115/230	56	1.0	Ball	Open	Man	WB	19.0/9.5	9034	29	11.1	
2	3450	115/230	56	1.0	Ball	Open	Man	WB	15.0/7.5	9035	33	11.1	36
2	1800	115/230	182T	1.15	Ball	DP	None	Ftd	27.0/13.5	N768	67	14.1	
3	3450	230	56	1.0	Ball	DP	Man	WB	15.0	9036	35	12.1	36
3	3600	115/230	182T	1.0	Ball	DP	None	Ftd	25.8/12.9	N778	71	16.5	36
3	1800	115/230	184T	1.0	Ball	DP	None	Ftd	30.0/15.0	N779	86	16.9	
5	3450	230	56	1.0	Ball	DP	Man	WB	15.0	9040	35	12.1	36
5	3450	230	56H	1.0	Ball	DP	Man	WB	21.0	9038	49	15.0	36
5	3600	230	184T	1.0	Ball	DP	None	Ftd	20.5	N780	86	17.7	36
5	1800	230	184T	1.0	Ball	DP	None	Ftd	21.5	N781	96	17.7	36
7.5	3600	230	215T	1.0	Ball	DP	None	Ftd	33.3	N782	146	20.5	
7.5	1800	230	215T	1.0	Ball	DP	None	Ftd	33.3	N783	132	20.5	
10	3600	230	215T	1.0	Ball	DP	None	Ftd	42.0	N784	161	21.6	
10	1800	230	215T	1.0	Ball	DP	None	Ftd	44.0	N785	160	21.6	

### Notes:

36 Electrical design incorporates a run capacitor

# AUGER DRIVE MOTORS • CENTER PIVOT IRRIGATION DRIVE MOTORS

Designed to meet the severe conditions of auger feeders, including the tremendous overspeed occurring from the recoil of a tight auger spring. The centrifugal mechanism contains a specially designed guard to prevent damage when high speed occurs. Wrench flats on the opposite drive end shaft make manual jogging of the auger easy. Lower temperature disks inside the manual reset thermal protector help prevent automatic restarting, even on the coldest days. Motors mount directly to the gearbox using a standard oil burner NEMA 'N' flange.



## Auger Drive Motors for Poultry Feeding

HP	RPM	Volts	NEMA Frame	SF	Brgs.	Encl.	Prot.	Base	Full Load Amps @ NP Volts	Catalog No.	Wt.	'C'	Notes
<b>Single Phase - Capacitor Start</b>													
1/3	1725/1425	115/208-230	56NY	1.0	Ball	TEFC	Man	NB	5.8/2.8-2.9	C1291	21	12.0	18 38 84
1/3	1725	115/230	48NY	1.0	Ball	TENV	Man	NB	5.3/2.7	H646	19	11.1	18 39
1/2	1725/1425	115/208-230	56NY	1.0	Ball	TEFC	Man	NB	8.4/4.0-4.2	C1292	23	12.0	18 38 84
3/4	1725/1425	115/208-230	56NY	1.0	Ball	TEFC	Man	NB	8.4/4.5-4.2	C1293	31	13.1	18 36 38
1	1725/1425	115/208-230	56NY	1.0	Ball	TEFC	Man	NB	10.8/6.0-5.4	C1294	40	14.5	19 36 38
1.5	1725	115/208-230	56NY	1.0	Ball	TEFC	Man	NB	14.5/7.2	C1295	44	14.5	19 36 38

Specifically designed for gearbox drives on center pivot irrigation systems. This fan-cooled motor is completely protected from sprinkler rainstorm, sunlight, chemicals and heat. Two drain holes in the endshield allow moisture to escape. Combination drip and fan cover and other features shield the motor's high-reliability bearing system and high torque electrical system. A special paint provides excellent corrosion protection.



## Center Pivot Irrigation Drive Motors

HP	RPM	Volts	NEMA Frame	SF	Brgs.	Encl.	Prot.	Base	Full Load Amps @ NP Volts	Catalog No.	Wt.	'C'	Notes
<b>Three Phase</b>													
1	1725/1425	460/380	56C	1.0	Ball	TEFC	Auto	NB	2.0/2.1	K1476	23	12.1	84
1.5	1725/1425	460/380	56C	1.0	Ball	TEFC	Auto	NB	2.4/2.7	K1438	29	12.1	84

Notes:

- 18 6 3/8" mounting flange with shaft extension 1 13/16 long by 1/2" diameter
- 19 6 3/8" mounting flange with shaft extension 1 7/8" long by 5/8" diameter
- 36 Electrical design incorporates a run capacitor
- 38 Capacitor Start (Type KC)
- 39 Split Phase (Type KH)
- 84 Motor designed for 50 or 60 Hertz operation

# EXPLOSION PROOF MOTORS FOR HAZARDOUS LOCATIONS

Fumes from silage, chemicals, paint and varnish create hazards on any farm. These motors, built with a special explosion-proof enclosure, are ideal for use in grain elevators, feed mills, buildings where flammable fumes can collect and the possibility of explosion exist. Split phase or capacitor start, auto thermal protection, and 24 inch leads allow easy wiring.



## Explosion Proof Motors for Hazardous Locations

HP	RPM	Volts	NEMA Frame	SF	Brgs.	Encl.	Prot.	Base	Full Load Amps @ NP Volts	Catalog No.	Wt.	'C'	Notes
<b>Split Phase - Base Mounted - Class I, Group D; Class II, Groups E,F, and G</b>													
1/12	1725	115	48	1.0	Ball	TENV	Auto	WB	1.9	H125	18	9.4	55
1/8	1140	115	48	1.0	Ball	TENV	Auto	WB	3.0	H126	23	10.8	55
1/6	1725	115	48	1.0	Ball	TENV	Auto	WB	3.3	H127	22	10.1	55
1/6	1140	115	56	1.0	Ball	TENV	Auto	WB	4.0	H128	26	12.0	55
1/4	1725	115	48	1.0	Ball	TENV	Auto	WB	4.4	H129	24	10.8	55
<b>Capacitor Start - Base Mounted - Class I, Group D; Class II, Groups E,F, and G</b>													
1/4	1725	115/230	48	1.0	Ball	TENV	Auto	WB	4.2/2.1	C303	24	10.8	55
1/4	1140	115	56	1.0	Ball	TEFC	Auto	WB	5.8	C304	34	13.6	
1/4	1140	115/230	56	1.0	Ball	TEFC	Auto	WB	6.2/3.1	C506	34	13.6	
1/3	1725	115/230	56	1.0	Ball	TEFC	Auto	WB	6.2/3.1	C305	29	13.1	
1/3	1425	110/220	56	1.0	Ball	TEFC	Auto	WB	6.2/3.1	C470	30	13.1	50
1/3	1140	115/230	56	1.0	Ball	TEFC	Auto	WB	8.6/4.3	C306	38	14.1	
1/2	3450	115/230	56	1.0	Ball	TEFC	Auto	WB	8.4/4.2	C307	27	12.6	
1/2	1725	115/230	56	1.0	Ball	TEFC	Auto	WB	7.8/3.9	C308	34	13.6	
1/2	1425	110/220	56	1.0	Ball	TEFC	Auto	WB	8.4/4.2	C471	36	13.6	50
1/2	1140	115/230	56	1.0	Ball	TEFC	Auto	WB	9.4/4.7	C309	47	14.9	
3/4	1725	115/230	56	1.0	Ball	TEFC	Auto	WB	10.8/5.4	C311	38	14.1	
1	1725	115/230	56	1.0	Ball	TEFC	Auto	WB	13.2/6.6	C312	47	14.9	
<b>Capacitor Start - NEMA C-Face Mounted - Class I, Group D; Class II, Groups E,F, and G</b>													
1/4	1725	115/230	56C	1.0	Ball	TENV	Auto	NB	4.2/2.1	C377	24	11.1	55
1/3	1725	115/230	56C	1.0	Ball	TEFC	Auto	NB	6.2/3.1	C378	29	13.7	
1/2	3450	115/230	56C	1.0	Ball	TEFC	Auto	NB	8.4/4.2	C1003	27	13.2	
1/2	3450	115/230	56J	1.0	Ball	TEFC	Auto	NB	8.4/4.2	C1037	27	13.7	60
1/2	1725	115/230	56C	1.0	Ball	TEFC	Auto	NB	7.8/3.9	C379	34	14.2	
3/4	1725	115/230	56C	1.0	Ball	TEFC	Auto	NB	10.8/5.4	C380	38	14.7	
<b>Three Phase - Base Mounted - Class I, Group D; Class II, Groups F and G</b>													
3	3600	230/460	182T	1.15	Ball	TEFC	Tstats	Ftd	8.0/4.0	K303	99	14.7	
3	1800	230/460	182T	1.15	Ball	TEFC	Tstats	Ftd	8.4/4.2	K213	99	14.7	
3	1200	230/460	213T	1.15	Ball	TEFC	Tstats	Ftd	8.8/4.4	S3231	180	18.0	
5	3600	230/460	184T	1.15	Ball	TEFC	Tstats	Ftd	12.2/6.1	K304	121	15.8	
5	1800	230/460	184T	1.15	Ball	TEFC	Tstats	Ftd	12.6/6.3	K214	121	15.8	
5	1200	230/460	215T	1.15	Ball	TEFC	Tstats	Ftd	14.2/7.1	S3239	198	19.5	
7.5	3600	230/460	213T	1.15	Ball	TEFC	Tstats	Ftd	18.6/9.3	S531	204	18.0	
7.5	1800	230/460	213T	1.15	Ball	TEFC	Tstats	Ftd	18.2/9.1	S501	204	18.0	
7.5	1200	230/460	254T	1.15	Ball	TEFC	Tstats	Ftd	19.2/9.6	S3246	330	23.4	
10	3600	230/460	215T	1.15	Ball	TEFC	Tstats	Ftd	24.2/12.1	S533	228	19.5	
10	1800	230/460	215T	1.15	Ball	TEFC	Tstats	Ftd	23.6/11.8	S502	234	19.5	
10	1200	230/460	256T	1.15	Ball	TEFC	Tstats	Ftd	25.4/12.7	S534	358	25.2	
15	3600	230/460	254T	1.15	Ball	TEFC	Tstats	Ftd	35.4/17.7	S535	334	23.4	
15	1800	230/460	254T	1.15	Ball	TEFC	Tstats	Ftd	35.0/17.5	S503	346	23.4	
15	1200	230/460	284T	1.15	Ball	TEFC	Tstats	Ftd	38.4/19.2	S536	473	26.9	
20	3600	230/460	256T	1.15	Ball	TEFC	Tstats	Ftd	46.2/23.1	S537	382	25.2	
20	1800	230/460	256T	1.15	Ball	TEFC	Tstats	Ftd	45.8/22.9	S504	392	25.2	
20	1200	230/460	286T	1.15	Ball	TEFC	Tstats	Ftd	48.6/24.3	S538	558	28.4	
25	3600	230/460	284TS	1.15	Ball	TEFC	Tstats	Ftd	58.2/29.1	S539	490	25.5	
25	1800	230/460	284T	1.15	Ball	TEFC	Tstats	Ftd	58.6/29.3	S505	510	26.9	
25	1200	230/460	324T	1.0	Ball	TEFC	Tstats	Ftd	64.6/32.3	S540	620	32.0	
30	3600	230/460	286TS	1.15	Ball	TEFC	Tstats	Ftd	69.8/34.9	S541	506	27.0	
30	1800	230/460	286T	1.15	Ball	TEFC	Tstats	Ftd	69.2/34.6	S506	506	28.4	
30	1200	230/460	326T	1.0	Ball	TEFC	Tstats	Ftd	75.4/37.7	S542	650	32.0	

Notes:

50 Designed for 50 Hertz operation

55 TENV construction

60 Connected for CW rotation facing opposite shaft end, no reconnection possible.

Additional stock ratings are available, including premium efficiency 3-Phase.

For details check your local GE Distributor or our web site: [www.ge.com/gemis](http://www.ge.com/gemis)

# INSTANTLY REVERSIBLE MOTORS • JET PUMP MOTORS

Nothing is tougher on an ordinary motor than current reversal, causing the rotor to instantly reverse rotation. These open, drip-proof motors are specially engineered to withstand instant reversal. They provide years of dependable service in applications such as door openers, shop tools, hoists, gates, or any other farm equipment requiring instant reversibility by remote control. The conduit box contains quick-disconnect leads for easy wiring.



## Instantly Reversible Motors

HP	RPM	Volts	NEMA Frame	SF	Brgs.	Encl.	Prot.	Base	Full Load Amps @ NP Volts	Catalog No.	Wt.	'C'	Notes
<b>Single Phase - Capacitor Start</b>													
1/4	1725	115	48	1.35	Ball	DP	None	WBE	5.2	C382	14	9.6	
1/3	1725	115	56	1.35	Ball	DP	Man	WBE	6.3	C384	15	9.9	
1/3	1725	115	56	1.35	Ball	DP	None	WBE	6.3	C383	15	9.9	
1/2	1725	115/230	56	1.25	Ball	DP	Man	WBE	8.8/4.4	C1459	21	10.8	
1/2	1725	115/230	56	1.25	Ball	DP	None	WBE	8.8/4.4	C1458	21	10.8	
3/4	1725	115/230	56	1.0	Ball	TEFC	Man	WB	11.0/5.5	C1489	31	11.8	
3/4	1725	115/230	56	1.25	Ball	DP	Man	WBE	13.2/6.6	C1461	25	10.8	
3/4	1725	115/230	56	1.25	Ball	DP	None	WBE	13.2/6.6	C1460	25	10.8	
1	1725	115/230	56	1.15	Ball	DP	None	WBE	13.6/6.8	C1469	31	11.4	

These motors are designed for domestic and light industrial water systems, including shallow well pumps and lawn sprinklers, requiring 56C, 56J or square flange mounting.



## Jet Pump Motors for Farm Water Systems

HP	RPM	Volts	NEMA Frame	SF	Brgs.	Encl.	Prot.	Base	Full Load Amps @ NP Volts	Catalog No.	Wt.	'C'	Notes
<b>Single Phase - NEMA C-Face Mounting or Square Flange Mounting</b>													
1/3	3450	115	56C	1.75	Ball	DP	Auto	NB	6.2	H439	18	11.0	
1/3	3450	115/230	56C	1.75	Ball	DP	Auto	NB	6.2/3.1	C1081	13	11.0	
1/3	3450	115	56J	1.75	Ball	DP	Auto	NB	6.2	H440	13	11.5	
1/3	3450	115/230	56J	1.75	Ball	DP	Auto	NB	6.2/3.1	C1087	15	11.5	
1/3	3450	115/230	56Z	1.95	Ball	DP	Auto	NB	6.4/3.2	C1168	14	11.6	
1/2	3450	115/230	56C	1.60	Ball	DP	Auto	NB	8.2/4.1	C1082	14	11.0	
1/2	3450	115/230	56J	1.60	Ball	DP	Auto	NB	8.2/4.1	C1088	12	11.5	
1/2	3450	115/230	56Z	1.90	Ball	DP	Auto	NB	10.8/5.4	C1169	17	11.6	
3/4	3450	115/230	56C	1.50	Ball	DP	Auto	NB	12.2/6.1	C1083	17	12.0	
3/4	3450	115/230	56J	1.50	Ball	DP	Auto	NB	12.2/6.1	C1089	15	12.4	
3/4	3450	115/230	56Z	1.65	Ball	DP	Auto	NB	12.6/6.3	C1170	19	12.6	
1	3450	115/230	56C	1.40	Ball	DP	Auto	NB	14.2/7.1	C1084	21	13.5	
1	3450	115/230	56J	1.40	Ball	DP	Auto	NB	14.2/7.1	C1090	26	14.0	
1	3450	115/230	56Z	1.65	Ball	DP	Auto	NB	16.4/8.2	C1171	21	12.6	
1.5	3450	115/230	56C	1.30	Ball	DP	Auto	NB	15.8/7.9	C1085	26	13.5	36
1.5	3450	115/230	56J	1.30	Ball	DP	Auto	NB	15.8/7.9	C1091	21	14.0	36
1.5	3450	230	56Z	1.50	Ball	DP	Auto	NB	7.6	C1172	23	13.1	36
2	3450	115/230	56C	1.20	Ball	DP	Auto	NB	19.2/9.6	C1086	23	13.5	36
2	3450	115/230	56J	1.20	Ball	DP	Auto	NB	19.2/9.6	C1092	37	14.0	36
2	3450	230	56Z	1.30	Ball	DP	Auto	NB	8.7	C1173	23	13.1	36

Notes:

36 Electrical design incorporates a run capacitor

# POWER TOOLS & GENERAL PURPOSE MOTORS

Designed for a variety of applications using open enclosure single phase fractional horsepower motors, including lathes, sanders, grinders, saws, drill presses, high pressure sprayers and other applications.



## Power Tools and General Purpose Motors

HP	RPM	Volts	NEMA Frame	SF	Brgs.	Encl.	Prot.	Base	Full Load Amps @ NP Volts	Catalog No.	Wt.	'C'	Notes
<b>Single Phase - Dripproof</b>													
1/6	1725	115	48	1.35	Siv	DP	Auto	WB	3.9	<b>4349</b>	12	8.9	
1/4	1725	115/208-230	48	1.35	Ball	DP	None	WB	5.2/2.7-2.6	<b>C147</b>	15	9.3	
1/4	1725	115	48	1.35	Siv	DP	None	WB	5.1	<b>4354</b>	14	8.9	
1/3	1725/1425	115/208-230	48	1.35	Ball	DP	None	WB	6.0/3.2-3.0	<b>C153</b>	16	9.7	84
1/3	1725	115	48	1.0	Siv	DP	None	WB	6.2	<b>4368</b>	14	8.9	
1/3	1725	115	48Z	1.0	Siv	DP	None	WB	6.2	<b>4376</b>	14	10.4	21
1/3	1725	115/230	56	1.0	Ball	DP	Man	WB	6.6/3.3	<b>C105</b>	15	9.9	
1/2	3450	115/230	56	1.25	Ball	DP	Man	WB	7.4/3.7	<b>C1474</b>	16	10.7	33
1/2	1725	115/230	56	1.25	Ball	DP	Man	WB	8.8/4.4	<b>C169</b>	21	10.4	
1/2	1725	115/208-230	56	1.25	Ball	DP	None	WB	8.8/4.2-4.4	<b>C167</b>	21	10.4	
1/2	1725	115/230	56Z	1.0	Ball	DP	None	WB	8.2/4.1	<b>C393</b>	17	12.3	22
3/4	3450	115/230	48Z	1.0	Ball	DP	None	WB	11.2/5.6	<b>C394</b>	16	11.9	21 33
3/4	3450	115/230	56	1.25	Ball	DP	Man	WB	10.2/5.1	<b>C1475</b>	18	10.7	33
3/4	1725	115/230	56	1.25	Ball	DP	Man	WB	13.2/6.6	<b>C177</b>	25	10.8	
3/4	1725	115/208-230	56	1.25	Ball	DP	None	WB	13.2/6.2-6.6	<b>C175</b>	25	10.8	
1	3450	115/208-230	56	1.25	Ball	DP	Man	WB	12.4/6.5-6.2	<b>C1476</b>	20	11.3	33
1	3450	115/230	56Z	1.0	Ball	DP	None	WB	13.4/6.7	<b>C449</b>	18	12.6	22 33
1	1725	115/230	56	1.15	Ball	DP	Man	WB	13.6/6.8	<b>C1480</b>	31	11.4	
1	1725	115/208-230	56	1.15	Ball	DP	None	WB	13.6/6.7-6.8	<b>C181</b>	31	11.4	
1.5	3450	115/230	56	1.15	Ball	DP	None	WB	16.8/8.4	<b>C184</b>	31	11.9	33
1.5	1725	115/208-230	56H	1.15	Ball	DP	None	WB	18.2/9.1-9.1	<b>C185</b>	35	11.9	36
2	3450	115/230	56	1.15	Ball	DP	None	WB	21.2/10.6	<b>C187</b>	38	12.7	33
2	1725	115/208-230	56HZ	1.15	Ball	DP	None	WB	22.0/10.9-11.0	<b>C193</b>	44	14.3	36 11

Notes:

- 11 Shaft extension 2 1/4" long by 7/8" diameter
- 21 Double shaft extension 1 1/2" long by 1/2" diameter with flat each end
- 22 Double shaft extension 1 7/8" long by 5/8" diameter
- 33 Moderate starting torque, suitable for soft starts
- 36 Electrical design incorporates a run capacitor
- 84 Motor designed for 50 or 60 Hertz operation

# VERTICAL MOTORS FOR FARM IRRIGATION

These three phase motors are available in high-thrust or extra high-thrust models to handle the tough loads associated with vertical turbine pumps used for irrigation. Designed to handle these tough loads continuously for years. Premium efficiency designs that can save you money are also available for round-the-clock applications.



## Vertical Motors for Farm Irrigation

HP	RPM	Ext. Thrust		NEMA				Full Load Amps		Catalog No.	Coupling Bore		Wt.	'C'	Notes
		(lbs.)	Volts	Frame & Base	SF	Brgs.	Encl.	Prot.	@ 460 Volts		Std.	Max			
<b>Three Phase - Weather Protected I Enclosure</b>															
3	3600	2695	230/460	L213TP10	1.15	Ball	DP	None	4.5	V2110	0.750	1.000	216	20.06	
3	1800	3390	230/460	L213TP10	1.15	Ball	DP	None	4.9	V2117	0.750	1.000	216	20.06	
5	3600	2695	230/460	L213TP10	1.15	Ball	DP	None	7.9	V2109	0.750	1.000	216	20.06	
5	1800	3390	230/460	L213TP10	1.15	Ball	DP	None	7.0	V2116	0.750	1.000	216	20.06	
7.5	3600	2695	230/460	L213TP10	1.15	Ball	DP	None	11.9	V2108	0.750	1.000	216	20.06	
7.5	1800	3390	230/460	L213TP10	1.15	Ball	DP	None	12.1	V2115	0.750	1.000	216	20.06	
10	3600	2695	230/460	L213TP10	1.15	Ball	DP	None	15.4	V2107	0.750	1.000	216	20.06	
10	1800	3390	230/460	L215TP10	1.15	Ball	DP	None	14.5	V2141	0.750	1.000	216	20.06	
15	3600	2695	230/460	L215TP10	1.15	Ball	DP	None	21.2	V2139	0.750	1.000	216	20.06	
15	1800	3390	230/460	L254TP10	1.15	Ball	DP	None	22.4	V2158	1.000	1.250	286	23.92	
20	3600	2695	230/460	L254TP10	1.15	Ball	DP	None	27.6	V2157	1.000	1.250	286	23.92	
20	1800	3390	230/460	L256TP10	1.15	Ball	DP	None	31.3	V2173	1.000	1.250	286	23.92	
20	1800	3390	230/460	L256TP12	1.15	Ball	DP	None	31.3	V2174	1.000	1.250	286	23.92	
25	3600	2695	230/460	L256TP10	1.15	Ball	DP	None	32.3	V2170	1.000	1.250	286	23.92	
25	3600	2695	230/460	L256TP12	1.15	Ball	DP	None	32.3	V2171	1.000	1.250	286	23.92	
25	1800	3390	230/460	L284TP12	1.15	Ball	DP	None	37.1	V2189	1.000	1.250	286	25.34	
25	1800	3390	230/460	L284TP16	1.15	Ball	DP	None	37.1	V2190	1.000	1.250	286	25.34	
30	3600	2695	230/460	L284TP12	1.15	Ball	DP	None	36.9	V2188	1.000	1.250	385	25.34	
30	1800	3390	230/460	L286TP12	1.15	Ball	DP	None	40.4	V2198	1.000	1.250	286	25.34	
30	1800	3390	230/460	L286TP16	1.15	Ball	DP	None	40.4	V2199	1.000	1.250	286	25.34	
40	3600	2695	230/460	L286TP12	1.15	Ball	DP	None	50.0	V2197	1.000	1.250	385	25.34	
40	1800	5250	230/460	L324TP12	1.15	Ball	DP	None	49.0	V2211	1.187	1.500	781	30.53	
40	1800	5250	230/460	L324TP16	1.15	Ball	DP	None	49.0	V2209	1.187	1.500	781	30.53	
40	1800	5250	460	L324TP16	1.15	Ball	DP	None	49.0	V2210	1.187	1.500	781	30.53	6 2
50	3600	4185	230/460	L324TP12	1.15	Ball	DP	None	61.1	V2207	1.250	1.500	781	30.53	6
50	3600	4185	460	L324TP12	1.15	Ball	DP	None	61.1	V2208	1.250	1.500	781	30.53	6 2
50	3600	4185	230/460	L324TP16	1.15	Ball	DP	None	61.1	V2350	1.250	1.500	781	30.53	6
50	1800	5250	230/460	L326TP12	1.15	Ball	DP	None	60.0	V2222	1.187	1.500	781	30.53	6
50	1800	5250	230/460	L326TP16	1.15	Ball	DP	None	60.0	V2220	1.187	1.500	781	30.53	6
50	1800	5250	460	L324TP16	1.15	Ball	DP	None	60.0	V2221	1.187	1.500	781	30.53	6 2
60	3600	4185	230/460	L326TP12	1.15	Ball	DP	None	70.1	V2219	1.250	1.500	781	30.53	6
60	3600	4185	460	L326TP16	1.15	Ball	DP	None	70.1	V2351	1.250	1.500	781	30.53	6 2
60	1800	8600	230/460	L364TP12	1.15	Ball	DP	None	72.6	V2352	1.187	1.500	935	32.19	6
60	1800	8600	460	L364TP12	1.15	Ball	DP	None	72.6	V2231	1.187	1.500	935	32.19	6 2
60	1800	8600	230/460	L364TP16	1.15	Ball	DP	None	72.6	V2229	1.187	1.500	935	32.19	6
60	1800	8600	460	L364TP16	1.15	Ball	DP	None	72.6	V2230	1.187	1.500	935	32.19	6 2
75	3600	4185	460	L364TP16	1.15	Ball	DP	None	90.1	V2228	1.250	1.500	935	32.19	6 2
75	1800	8600	230/460	L365TP12	1.15	Ball	DP	None	87.5	V2354	1.187	1.5	935	32.2	6
75	1800	8600	460	L365TP12	1.15	Ball	DP	None	87.5	V2242	1.187	1.500	935	32.19	6 2
75	1800	8600	230/460	L365TP16	1.15	Ball	DP	None	87.5	V2240	1.187	1.500	935	32.19	6
75	1800	8600	460	L365TP16	1.15	Ball	DP	None	87.5	V2241	1.187	1.500	935	32.19	6 2
100	3600	4185	460	L365TP16	1.15	Ball	DP	None	116.0	V2239	1.250	1.500	935	32.19	6 2
100	1800	11000	230/460	L404TP16	1.15	Ball	DP	None	115.0	V2251	1.438	1.750	1280	36.72	6
100	1800	11000	460	L404TP16	1.15	Ball	DP	None	115.0	V2253	1.438	1.750	1280	36.72	6 2
125	1800	11000	460	L405TP16	1.15	Ball	DP	None	144.0	V2256	1.438	1.750	1280	36.72	6 2
150	1800	11000	460	L444TP16	1.15	Ball	DP	None	173.0	V2264	1.688	2.500	1705	40.44	6 2
150	1800	11000	460	L444TP20	1.15	Ball	DP	None	173.0	V2266	1.688	2.500	1705	40.44	6 2

Notes:

2 Part Winding Start (PWS).

6 Oil lubrication for upper bearing only.

Additional stock models are available in higher horsepower and 1200 RPM ratings.

For details check your local GE Distributor or see our web site: [www.ge.com/gemis](http://www.ge.com/gemis)

# WASH DOWN DUTY™ MOTORS FOR SEVERE DUTY APPLICATIONS

These motors are designed for use in applications requiring frequent high pressure wash down, such as food processing plants, canneries, car washes, or other applications where the motor is exposed to water or high humidity.



## Wash Down Duty Motors

HP	RPM	Volts	NEMA Frame	SF	Brgs.	Encl.	Prot.	Base	Full Load Amps @ NP Volts	Catalog No.	Wt.	'C'	Notes
<b>Single Phase - NEMA C-Face Mounting with Base</b>													
1/2	1725	115/208-230	56C	1.25	Ball	TEFC	None	WB	7.8/3.8-3.9	<b>C1285</b>	27	11.8	
3/4	1725	115/208-230	56C	1.25	Ball	TEFC	None	WB	11.6/5.8	<b>C1286</b>	33	11.8	
1	3450	115/208-230	56C	1.25	Ball	TEFC	None	WB	12.0/6.2-6.0	<b>C1287</b>	29	12.9	
1	1725	115/208-230	56C	1.15	Ball	TEFC	None	WB	13.2/6.6	<b>C1288</b>	40	12.9	
1.5	3450	115/208-230	56C	1.15	Ball	TEFC	None	WB	16.0/8.6-8.0	<b>C1289</b>	35	12.9	
1.5	1725	115/208-230	56C	1.15	Ball	TEFC	None	WB	15.0/7.9-7.4	<b>C1290</b>	44	13.7	36
<b>Three Phase - Base Mounting</b>													
1/3	1725/1425	208-230/460	56	1.35	Ball	TENV	None	WB	1.4-1.6/0.8	<b>E286</b>	20	9.9	55 84
1/2	1725/1425	208-230/460	56	1.25	Ball	TENV	None	WB	1.7-2.0/1.0	<b>E287</b>	22	9.9	55 84
3/4	1725/1425	208-230/460	56	1.25	Ball	TENV	None	WB	2.4-2.4/1.2	<b>E288</b>	31	11.4	55 84
3/4	1140	208-230/460	143T	1.15	Ball	TEFC	None	WB	2.7-2.8/1.4	<b>E289</b>	40	13.4	
1	1725/1425	208-230/460	143T	1.15	Ball	TENV	None	WB	3.4-3.4/1.7	<b>E290</b>	44	12.3	55 84
1	1140/950	208-230/460	145T	1.15	Ball	TEFC	None	WB	3.9-4.0/2.0	<b>K2051</b>	35	12.8	84 KE
1.5	1725/1425	208-230/460	145T	1.15	Ball	TEFC	None	WB	4.6-4.4/2.2	<b>K2052</b>	40	14.1	84 KE
2	1725/1425	208-230/460	145T	1.15	Ball	TEFC	None	WB	6.2-5.8/2.9	<b>K2053</b>	44	13.4	84 KE
3	1800	230/460	182T	1.15	Ball	TENV	None	Ftd	7.8/3.9	<b>S2380</b>	120	17.3	KE
5	1800	230/460	184T	1.15	Ball	TENV	None	Ftd	12.2/6.1	<b>S2381</b>	130	17.1	KE
<b>Three Phase - NEMA C-Face Mounting</b>													
1/2	1725/1425	208-230/460	56C	1.25	Ball	TENV	None	NB	1.7-2.0/1.0	<b>E294</b>	22	9.9	55 84
3/4	1725/1425	208-230/460	56C	1.25	Ball	TENV	None	NB	2.4-2.4/1.2	<b>E295</b>	31	11.4	55 84
1	1725/1425	208-230/460	145TC	1.15	Ball	TENV	None	NB	3.4-3.4/1.7	<b>E297</b>	44	12.0	55 84
1	1725/1425	208-230/460	56C	1.15	Ball	TENV	None	NB	3.4-3.4/1.7	<b>E296</b>	44	11.9	55 84
1.5	1725/1425	208-230/460	145TC	1.15	Ball	TEFC	None	NB	4.6-4.4/2.2	<b>K2055</b>	40	13.1	84 KE
2	1725/1425	208-230/460	145TC	1.15	Ball	TEFC	None	NB	6.2-5.8/2.9	<b>K2056</b>	44	13.8	84 KE
2	1725/1425	208-230/460	56C	1.15	Ball	TEFC	None	WB	6.2-5.8/2.9	<b>K2065</b>	44	13.7	84 KE
2	1725/1425	208-230/460	56C	1.15	Ball	TEFC	None	NB	6.2-5.8/2.9	<b>K2066</b>	44	13.7	KE
3	1800	230/460	182TC	1.15	Ball	TENV	None	NB	7.8/3.9	<b>S2393</b>	120	17.9	KE
5	1800	230/460	184TC	1.15	Ball	TENV	None	NB	12.2/6.1	<b>S2395</b>	130	17.9	KE
<b>Three Phase - NEMA C-Face Mounting with Base</b>													
1/2	3450/2850	208-230/460	56C	1.25	Ball	TENV	None	WB	1.7-1.8/0.9	<b>E302</b>	24	11.4	55 84
1/2	1725/1425	208-230/460	56C	1.25	Ball	TENV	None	WB	1.7-2.0/1.0	<b>E303</b>	22	9.9	55 84
1/2	1725	575	56C	1.25	Ball	TENV	None	WB	0.8	<b>E304</b>	22	9.9	55
3/4	3450/2850	208-230/460	56C	1.25	Ball	TENV	None	WB	2.4-2.2/1.1	<b>E305</b>	31	11.4	55 84
3/4	1725/1425	208-230/460	56C	1.25	Ball	TENV	None	WB	2.4-2.4/1.2	<b>E306</b>	31	11.4	55 84
3/4	1725	575	56C	1.25	Ball	TENV	None	WB	1.0	<b>E307</b>	31	11.4	55
1	3450/2850	208-230/460	56C	1.25	Ball	TENV	None	WB	3.1-3.2/1.6	<b>E308</b>	40	11.9	55 84
1	1725/1425	208-230/460	145TC	1.15	Ball	TENV	None	WB	3.4-3.4/1.7	<b>E310</b>	44	12.0	55 84
1	1725/1425	208-230/460	56C	1.15	Ball	TENV	None	WB	3.4-3.4/1.7	<b>E309</b>	44	11.9	55 84
1	1725	575	56C	1.15	Ball	TENV	None	WB	1.2	<b>E311</b>	44	11.9	55
1.5	3450/2850	208-230/460	56C	1.15	Ball	TEFC	None	WB	4.5-4.2/2.1	<b>E312</b>	31	11.8	84
1.5	1725/1425	208-230/460	145TC	1.15	Ball	TEFC	None	WB	4.6-4.4/2.2	<b>K2058</b>	44	13.1	84 KE
1.5	1725	575	145TC	1.15	Ball	TEFC	None	WB	1.8	<b>K2059</b>	40	13.1	KE
2	3450/2850	208-230/460	145TC	1.15	Ball	TEFC	None	WB	5.8-5.4/2.7	<b>E316</b>	44	13.8	84
2	1725/1425	208-230/460	145TC	1.15	Ball	TEFC	None	WB	6.2-5.8/2.9	<b>K2061</b>	44	13.8	84 KE
2	1725	575	145TC	1.15	Ball	TEFC	None	WB	2.3	<b>K2062</b>	44	13.8	KE
3	3450/2850	208-230/460	145TC	1.15	Ball	TEFC	None	WB	8.8-8.0/4.0	<b>E320</b>	54	15.0	84
3	1800	230/460	182TC	1.15	Ball	TENV	None	Ftd	7.8/3.9	<b>S2384</b>	120	17.1	KE
5	1800	230/460	184TC	1.15	Ball	TENV	None	Ftd	12.2/6.1	<b>S2386</b>	130	17.1	KE
5	1800	575	184TC	1.15	Ball	TENV	None	Ftd	4.9	<b>S2387</b>	130	17.1	KE

### Notes:

36 Electrical design incorporates a run capacitor

55 TENV construction

84 Motor designed for 50 to 60 Hertz operation

KE Meets U.S. Energy Policy Act of 1992 (EPA) and Canadian Energy Efficiency Regulations (CEER)



For more information, contact your GE Industrial Systems sales representative.



***GE Industrial Systems***