



GE INDUSTRIAL MOTORS
a WOLONG company

Energy Saver - TEFC Severe Duty

Low Voltage Induction Motor
NEMA Premium Efficient

Volts: 230/460, 460, 575 HP: 1 to 250



NEMA
Premium

VFD
READY
NEMA
MG1
PART 31

CSA
C US

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Engineered to Excel in Severe Environments

Standard Models: 230/460, 460, 575

Feature	New Energy Saver by Wolong
Ambient @ 1.15SF	40C
Alternate Ambient @1.0SF	55C
B Rise @ 1.0SF	Yes
Bearing Caps	Yes
Class I Division 2	Groups A, B, C, D
Class II Division 2	Groups F, G
Conduit box 90° deg Rotatable	Yes
Conduit Box Material	Cast Iron
Frame Material	Cast Iron
Constant HP Range (4+ Poles)	1.5:1
Constant Torque Range	5:1
Convertible to F2	Yes
DE Bearing Sizes 140/180/210/250/280/320	6205/6306/6308/6309/ 6310/6312
DE Bearing Sizes 360/400/440	6314/6316/6318
Div 2 Temp Code @ 40C	T3C
Enclosure	IP55
External Surface of ODE end shield painted	Yes
Fan Cover Material	Steel
Grease	Chevron Grease SRI #2 (Polyurea)
Insulation Class	F
Internal Surface of Fan Cover Final Painted	Yes
Inverter Duty	Yes
NEMA Design	B
ODE Bearing Sizes 140/180/210/250/280/320	6205/6306/6308/6209/ 6310/6312
ODE Bearing Sizes 360/400/440	6314/6313/6314
Paint Material	Epoxy Ester
Regreasable bearings	All
Salt Spray ASTM B-117	1000 Hours
Service Factor	1.15
Two Pole Motors tested on Rigid Base	Yes
Variable Torque Range	10:1
Vibration Limit	.15ips
*Warranty 60 months	



Severe Duty General Purpose Motor - Features

- Meets NEMA Premium Efficiency
- Inverter Duty per NEMA MG1-31, suitable for variable torque loads of 10:1 and a constant torque load of 5:1 and constant HP 1.5:1.
- The frame, end shields and conduit box are a rugged cast iron construction.
- Dual mounting holes to accommodate short and long frame dimension.
- A recessed steel-reinforced neoprene slinger minimizes entry of contaminants.
- Exceeds 1000 hour salt spray test per ASTM B-117
- IP-55 enclosure meets the enclosure requirement of IEEE 841.
- Suitable for Division 2 environment.
- Chevron Grease SRI #2 (Polyurea).
- 26,280 hours L10 bearing life without life adjustment factors on belted loads.
- All 2 pole motors are vibration tested on a rigid base yielding smooth reliable operation.
- Patented bearing cooling system for TEFC motors eliminates the need for water cooled thrust bearings.



Energy Saver Severe Duty - NEMA Price List

HP	RPM	Volts	Frame	Cat. No	List Price	Price Symbol	Model No.
30	3600	230/460	286TS	W7710	\$3,510	G4-7S\$P	5KS286ZWL115
30	1800	230/460	286T	W7750	\$3,450	G4-7S\$P	5KS286ZWL205
30	1200	230/460	326T	W7550	\$5,245	G4-7S\$P	5KS326ZWL305
30	3600	575	286TS	W7510	\$3,510	G4-7S\$P	5KS286ZWL114
30	1800	575	286T	W7533	\$3,450	G4-7S\$P	5KS286ZWL204
30	1200	575	326T	W7592	\$5,245	G4-7S\$P	5KS326ZWL304
40	3600	230/460	324TS	W7711	\$5,445	G4-7S\$P	5KS324ZWL115
40	1800	230/460	324T	W7734	\$5,695	G4-7S\$P	5KS324ZWL205
40	1200	230/460	364T	W7952	\$7,175	G4-7S\$P	5KS364ZWL305
40	3600	575	324TS	W7511	\$5,445	G4-7S\$P	5KS324ZWL114
40	1800	575	324T	W7534	\$5,695	G4-7S\$P	5KS324ZWL204
40	1200	575	364T	W7951	\$7,175	G4-7S\$P	5KS364LAA304
50	3600	230/460	326TS	W7713	\$5,725	G4-7S\$P	5KS326ZWL115
50	1800	230/460	326T	W7736	\$5,775	G4-7S\$P	5KS326ZWL205
50	1200	230/460	365T	W7955	\$6,940	G4-7S\$P	5KS365ZWL305
50	3600	575	326TS	W7513	\$5,725	G4-7S\$P	5KS326ZWL114
50	1800	575	326T	W7536	\$5,775	G4-7S\$P	5KS326ZWL204
50	1200	575	365T	W8628	\$6,940	G4-7S\$P	5KS365ZWL304
60	3600	230/460	364TS	W8200	\$8,335	G4-7S\$P	5KS364ZWL115
60	1800	230/460	364T	W8400	\$8,150	G4-7S\$P	5KS364ZWL205
60	1200	230/460	404T	W8602	\$10,620	G4-7S\$P	5KS404ZWL305
60	3600	575	364TS	W8207	\$8,335	G4-7S\$P	5KS364ZWL114
60	1800	575	364T	W8414	\$8,150	G4-7S\$P	5KS364ZWL204
60	1200	575	404T	W8629	\$10,620	G4-7S\$P	5KS404ZWL304
75	3600	230/460	365TS	W8201	\$10,225	G4-7S\$P	5KS365ZWL115
75	1800	230/460	365T	W8401	\$9,900	G4-7S\$P	5KS365ZWL205
75	1200	230/460	405T	W8603	\$11,850	G4-7S\$P	5KS405ZWL305
75	3600	575	365TS	W8208	\$10,225	G4-7S\$P	5KS365ZWL114
75	1800	575	365T	W8415	\$9,900	G4-7S\$P	5KS365ZWL204
75	1200	575	405T	W8630	\$11,850	G4-7S\$P	5KS405ZWL304
100	3600	230/460	405TS	W8202	\$13,225	G4-7S\$P	5KS405ZWL115
100	1800	230/460	405T	W8402	\$12,190	G4-7S\$P	5KS405ZWL205
100	1200	460	444T	W8604	\$15,600	G4-7S\$P	5KS444ZWL308
100	3600	575	405TS	W8209	\$13,225	G4-7S\$P	5KS405ZWL114
100	1800	575	405T	W8416	\$12,190	G4-7S\$P	5KS405ZWL204
100	1200	575	444T	W8631	\$15,600	G4-7S\$P	5KS444ZWL304
125	3600	460	444TS	W8203	\$16,500	G4-7S\$P	5KS444ZWL118
125	1800	460	444T	W8403	\$15,330	G4-7S\$P	5KS444ZWL208
125	1200	460	445T	W8605	\$18,800	G4-7S\$P	5KS445ZWL308
125	3600	575	444TS	W8210	\$16,500	G4-7S\$P	5KS444ZWL114
125	1800	575	444T	W8417	\$15,330	G4-7S\$P	5KS444ZWL204
125	1200	575	445T	W8632	\$18,800	G4-7S\$P	5KS445ZWL304
150	3600	460	445TS	W8204	\$19,825	G4-7S\$P	5KS445ZWL118
150	1800	460	445T	W8404	\$17,825	G4-7S\$P	5KS445ZWL208
150	1200	460	447T	W8606	\$21,530	G4-7S\$P	5KS447ZWL308
150	3600	575	445TS	W8211	\$19,825	G4-7S\$P	5KS445ZWL114
150	1800	575	445T	W8418	\$17,825	G4-7S\$P	5KS445ZWL204
150	1200	575	447T	W8633	\$21,530	G4-7S\$P	5KS447ZWL304
200	3600	460	447TS	W8205	\$25,100	G4-7S\$P	5KS447ZWL118
200	1800	460	447T	W8405	\$22,358	G4-7S\$P	5KS447ZWL208
200	1200	460	449T	W8607	\$26,775	G4-7S\$P	5KS449ZWL308
200	3600	575	447TS	W8212	\$25,100	G4-7S\$P	5KS447ZWL114
200	1800	575	447T	W8419	\$22,358	G4-7S\$P	5KS447ZWL204
200	1200	575	449T	W8634	\$26,775	G4-7S\$P	5KS449ZWL304
250	3600	460	449TS	W8206	\$32,350	G4-7S\$P	5KS449ZWL118
250	1800	460	449T	W8406	\$26,155	G4-7S\$P	5KS449ZWL208
250	3600	575	449TS	W8213	\$32,350	G4-7S\$P	5KS449ZWL114
250	1800	575	449T	W8420	\$26,155	G4-7S\$P	5KS449ZWL204

* NEMA Pricing as of 2019 December

Energy Saver Severe Duty - NEMA Price List

HP	RPM	Volts	Frame	Cat. No	List Price	Price Symbol	Model No.
1	1800	230/460	143T	W7723	\$515	G4-7S\$P	5KS143ZWL205
1	1200	230/460	145T	W7540	\$660	G4-7S\$P	5KS145ZWL305
1	1800	575	143T	W7523	\$515	G4-7S\$P	5KS143ZWL204
1	1200	575	145T	W7579	\$660	G4-7S\$P	5KS145ZWL304
1.5	3600	230/460	143T	W7701	\$534	G4-7S\$P	5KS143ZWL105
1.5	1800	230/460	145T	W7724	\$554	G4-7S\$P	5KS145ZWL205
1.5	1200	230/460	182T	W7541	\$775	G4-7S\$P	5KS182ZWL305
1.5	3600	575	143T	W7501	\$534	G4-7S\$P	5KS143ZWL104
1.5	1800	575	145T	W7524	\$554	G4-7S\$P	5KS145ZWL204
1.5	1200	575	182T	W7580	\$775	G4-7S\$P	5KS182ZWL304
2	3600	230/460	145T	W7702	\$645	G4-7S\$P	5KS145ZWL105
2	1800	230/460	145T	W7725	\$609	G4-7S\$P	5KS145ZWL221
2	1200	230/460	184T	W7542	\$840	G4-7S\$P	5KS184ZWL305
2	3600	575	145T	W7502	\$645	G4-7S\$P	5KS145ZWL104
2	1800	575	145T	W7525	\$609	G4-7S\$P	5KS145ZWL222
2	1200	575	184T	W7581	\$840	G4-7S\$P	5KS184ZWL304
3	3600	230/460	182T	W7703	\$786	G4-7S\$P	5KS182ZWL105
3	1800	230/460	182T	W7726	\$800	G4-7S\$P	5KS182ZWL205
3	1200	230/460	213T	W7543	\$1,100	G4-7S\$P	5KS213ZWL305
3	3600	575	182T	W7503	\$786	G4-7S\$P	5KS182ZWL104
3	1800	575	182T	W7526	\$800	G4-7S\$P	5KS182ZWL204
3	1200	575	213T	W7582	\$1,100	G4-7S\$P	5KS213ZWL304
5	3600	230/460	184T	W7704	\$880	G4-7S\$P	5KS184ZWL105
5	1800	230/460	184T	W7727	\$805	G4-7S\$P	5KS184ZWL205
5	1200	230/460	215T	W7544	\$1,425	G4-7S\$P	5KS215ZWL305
5	3600	575	184T	W7504	\$880	G4-7S\$P	5KS184ZWL104
5	1800	575	184T	W7527	\$805	G4-7S\$P	5KS184ZWL204
5	1200	575	215T	W7583	\$1,425	G4-7S\$P	5KS215ZWL304
7.5	3600	230/460	213T	W7705	\$1,110	G4-7S\$P	5KS213ZWL105
7.5	1800	230/460	213T	W7728	\$1,160	G4-7S\$P	5KS213ZWL205
7.5	1200	230/460	254T	W7545	\$1,865	G4-7S\$P	5KS254ZWL305
7.5	3600	575	213T	W7505	\$1,110	G4-7S\$P	5KS213ZWL104
7.5	1800	575	213T	W7528	\$1,160	G4-7S\$P	5KS213ZWL204
7.5	1200	575	254T	W7584	\$1,865	G4-7S\$P	5KS254ZWL304
10	3600	230/460	215T	W7706	\$1,400	G4-7S\$P	5KS215ZWL105
10	1800	230/460	215T	W7729	\$1,420	G4-7S\$P	5KS215ZWL205
10	1200	230/460	256T	W7546	\$2,350	G4-7S\$P	5KS256ZWL305
10	3600	575	215T	W7506	\$1,400	G4-7S\$P	5KS215ZWL104
10	1800	575	215T	W7529	\$1,420	G4-7S\$P	5KS215ZWL204
10	1200	575	256T	W7585	\$2,350	G4-7S\$P	5KS256ZWL304
15	3600	230/460	254T	W7707	\$2,050	G4-7S\$P	5KS254ZWL105
15	1800	230/460	254T	W7730	\$2,065	G4-7S\$P	5KS254ZWL205
15	1200	230/460	284T	W7547	\$2,900	G4-7S\$P	5KS284ZWL305
15	3600	575	254T	W7507	\$2,050	G4-7S\$P	5KS254ZWL104
15	1800	575	254T	W7530	\$2,065	G4-7S\$P	5KS254ZWL204
15	1200	575	284T	W7586	\$2,900	G4-7S\$P	5KS284ZWL304
20	3600	230/460	256T	W7708	\$2,360	G4-7S\$P	5KS256ZWL105
20	1800	230/460	256T	W7731	\$2,400	G4-7S\$P	5KS256ZWL205
20	1200	230/460	286T	W7548	\$3,538	G4-7S\$P	5KS286ZWL305
20	3600	575	256T	W7508	\$2,360	G4-7S\$P	5KS256ZWL104
20	1800	575	256T	W7531	\$2,400	G4-7S\$P	5KS256ZWL204
20	1200	575	286T	W7587	\$3,538	G4-7S\$P	5KS286ZWL304
25	3600	230/460	284TS	W7709	\$2,835	G4-7S\$P	5KS284ZWL115
25	1800	230/460	284T	W7749	\$2,850	G4-7S\$P	5KS284ZWL205
25	1200	230/460	324T	W7549	\$4,500	G4-7S\$P	5KS324ZWL305
25	3600	575	284TS	W7509	\$2,835	G4-7S\$P	5KS284ZWL114
25	1800	575	284T	W7532	\$2,850	G4-7S\$P	5KS284ZWL204
25	1200	575	324T	W7589	\$4,500	G4-7S\$P	5KS324ZWL304

