

# WOLONG

*Power your future*

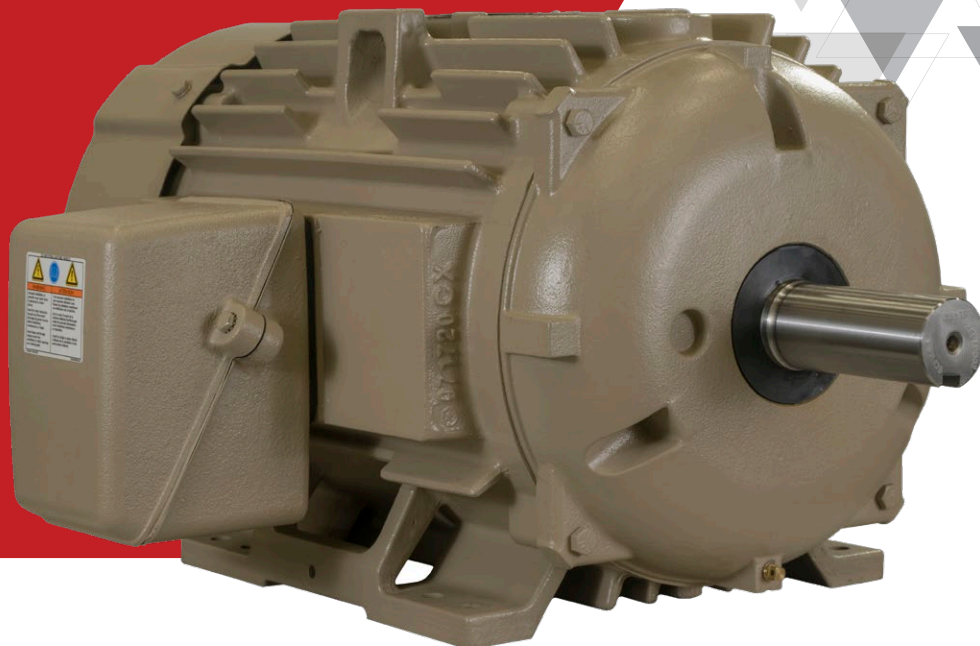
# Energy Saver

TEFC General Purpose

LV Induction Motor

NEMA Premium Efficiency

1-30 HP



**NEMA**  
**Premium**

VFD  
READY  
NEMA  
MG1  
PART 31

**SP**  
C US

+1 (888) 525-2915  
[www.wolongamerica.com](http://www.wolongamerica.com)

# Small Motor, Big Performance

## PERFORMANCE

- ▶ NEMA Premium Efficiency rating ensures energy-saving operation that will boost your bottom line
- ▶ Inverter capability (INF:1 VT, 4:1 CT) enhances productivity and saves energy
- ▶ Special balance to 0.08 in/sec results in smooth, reliable operation and long bearing life
- ▶ 1.15 Service Factor (Continuous, Sinewave)

## CONSTRUCTION

- ▶ Output range available from 1-30 HP
- ▶ Voltage: AC, Three Phase, 60 Hz, 230/460 V (usable at 208 V)
- ▶ Speed: 3600, 1800 & 1200 RPM\*
- ▶ Frames: NEMA 143T to 286T (TS)
- ▶ Frame, end shield, and conduit box designed of rugged cast iron construction to ensure reliable and durable operation 24/7
- ▶ IP54 rating ensures protection from levels of dust and other particles
- ▶ Four point cast-in lifting lugs for easy and safe mounting
- ▶ Centered stator core/frame design enables the conversion to F2 mounting
- ▶ Versatile dual mounting holes allow the higher and lower ratings in a frame diameter to be installed in either place
- ▶ Stock models with NEMA C-face designs and rigid base also available
- ▶ Corrosion resistant and rugged SAE Grade 5, zinc plated hardware
- ▶ Epoxyester-coated housing paint exceeds 1,000-hour salt spray test, per ASTM B-117

\*6 Pole motors offering up to 20 Hp



## NAMEPLATE

- ▶ U.L. recognized and CSA approved certified products
- ▶ Certified products for use in Mexico (NOM) and Colombia (RETIE/RETIQ)
- ▶ Products manufactured in North America

## BEARING SYSTEM

- ▶ Steel reinforced shaft slinger provides bearing system protection
- ▶ Lubricated for life double-shielded ball bearings on lower ratings. Higher ratings feature provisions for lubrication with single-shielded regreasable ball bearings

## INSULATION SYSTEM

- ▶ Class F insulation system with Class B rise @ 1.0 Service Factor

## APPLICATIONS

### GENERAL INDUSTRIAL EQUIPMENT

- ▶ Fans
- ▶ Blowers
- ▶ Pumps
- ▶ Conveyors

## TESTING

- ▶ Tested to exceed NEMA MG1 Factory test procedures
- ▶ Routine test report including vibration data supplied with every motor

# Energy Saver

## TEFC General Purpose

Horsepower: 1-30 HP

HP	RPM	Foot Mounted			C-Face With Feet		
		Frame	Cat No.	Model No.	Frame	Cat No.	Model No.
1	3600	143T	M1462	5KS143BAA121	143TC	M1048	5KS143BAA100
1	1800	143T	M1482	5KS143BAA205	143TC	M1049	5KS143BAA200
1	1200	145T	M1484	5KS145BAA305	145TC	M1050	5KS145BAA300
1.5	3600	143T	M1486	5KS143BAA105	143TC	M1051	5KS143BAA102
1.5	1800	145T	M1492	5KS145BAA221	145TC	M1052	5KS145BAA202
1.5	1200	182T	M1702	5KS182BAA305	182TC	M1053	5KS182BAA300
2	3600	145T	M1490	5KS145BAA105	145TC	M1054	5KS145BAA100
2	1800	145T	M1488	5KS145BAA205	145TC	M1055	5KS145BAA200
2	1200	184T	M1704	5KS184BAA305	184TC	M1056	5KS184BAA300
3	3600	182T	M1713	5KS182BAA105	182TC	M1057	5KS182BAA100
3	1800	182T	M1241	5KS182BAA205	182TC	M1058	5KS182BAA200
3	1200	213T	M1142	5KS213BAA305	213TC	M1059	5KS213BAA300
5	3600	184T	M1240	5KS184BAA105	184TC	M1060	5KS184BAA100
5	1800	184T	M1242	5KS184BAA205	184TC	M1061	5KS184BAA200
5	1200	215T	M1143	5KS215BAA305	215TC	M1062	5KS215BAA300
7.5	3600	213T	M1144	5KS213BAA105	213TC	M1063	5KS213BAA100
7.5	1800	213T	M1145	5KS213BAA205	213TC	M1064	5KS213BAA200
7.5	1200	254T	M1146	5KS254BAA305	254TC	M1065	5KS254BAA300
10	3600	215T	M1147	5KS215BAA105	215TC	M1066	5KS215BAA100
10	1800	215T	M1148	5KS215BAA205	215TC	M1067	5KS215BAA200
10	1200	256T	M1149	5KS256BAA305	256TC	M1068	5KS256BAA300
15	3600	254T	M1150	5KS254BAA105	254TC	M1069	5KS254BAA100
15	1800	254T	M1151	5KS254BAA205	254TC	M1070	5KS254BAA200
15	1200	284T	M1152	5KS284BAA305	284TC	M1071	5KS284BAA300
20	3600	256T	M1153	5KS256BAA105	256TC	M1072	5KS256BAA100
20	1800	256T	M1154	5KS256BAA205	256TC	M1073	5KS256BAA200
20	1200	286T	M1155	5KS286BAA305	286TC	M1074	5KS286BAA300
25	3600	284TS	M1156	5KS284BAA115	284TSC	M1075	5KS284BAA100
25	1800	284T	M1157	5KS284BAA205	284TC	M1076	5KS284BAA200
30	3600	286TS	M1159	5KS286BAA115	286TSC	M1077	5KS286BAA100
30	1800	286T	M1160	5KS286BAA205	286TC	M1078	5KS286BAA200