



AUGER DRIVE MOTORS

FRACTIONAL HP

GENERAL PURPOSE

NEMA PREMIUM EFFICIENCY

CRUSHER® DUTY

IEC TRU-METRIC™

PUMP MOTORS

DEFINITE PURPOSE

ADD-ON™ MODIFICATIONS

MOTOR TECHNICAL DATA

DRIVES & SOFT STARTERS

CONTROLS

SINGLE PHASE

WEG Auger Drive motors are specifically designed for Feed-Drive units requiring a reliable and efficient motor. Provided with mechanical protection of centrifugal switch (to prevent damage to the motor in case of overspeed,) manual thermal overload protection and two bolts mounting NEMA "N" flange.



APPLICATIONS

- Auger Drive Systems

STANDARD FEATURES

- Single-phase, IV pole, 60Hz
- Voltage: 115/230V
- Totally Enclosed Fan Cooled (TEFC)
- Squirrel cage rotor
- Start Capacitor
- V-ring slingers on both endshields
- Dimensions according to NEMA Standard
- Class 'B' insulation (130°C)
- High starting torque
- Double shielded ball bearings
- Manual thermal overload protection
- Two bolts mounting NEMA 'N' flange
- Extended Shaft (fan end) with wrench flats for manual jogging of auger
- Fully gasketed, terminal box and capacitor cover
- Centrifugal start switch protected from auger drive overspeed

- Start and run capacitor for 2HP and up
- Color: RAL 3002 (Red)

OPTIONAL FEATURES

- Class "F" insulation
- Special voltages
- Specially dimensioned shaft
- Second shaft end
- Stainless steel shaft
- Flange mounting



ALL MOTORS ARE TESTED ACCORDING TO IEEE 112 STD. - METHOD 'B' OR C390 CSA

LESS BASE – TEFC

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	Service Factor	FL Amps 230V	"C" Dimension (in.)	Voltage	Notes
1/3	1800	56N	.3318ES1RADB56N	386	A1	25	1.15	3.00	12.760	115/230V	
1/2	1800	56N	.5018ES1RADB56N	438	A1	27	1.15	3.85	12.760	115/230V	
3/4	1800	56N	.7518ES1RADB56N	454	A1	29	1.15	5.65	12.760	115/230V	
1	1800	56N	00118ES1RADD56N	567	A1	36	1.15	7.00	13.940	115/230V	
1.5	1800	56N	00158ES1RADF56N	953	A1	50	1.15	9.00	15.120	115/230V	

- ELECTRICAL FEATURES ON PAGE B-24.
- MECHANICAL FEATURES ON PAGE B-77.