



PERFORMANCE INSPIRED WORK PROVEN

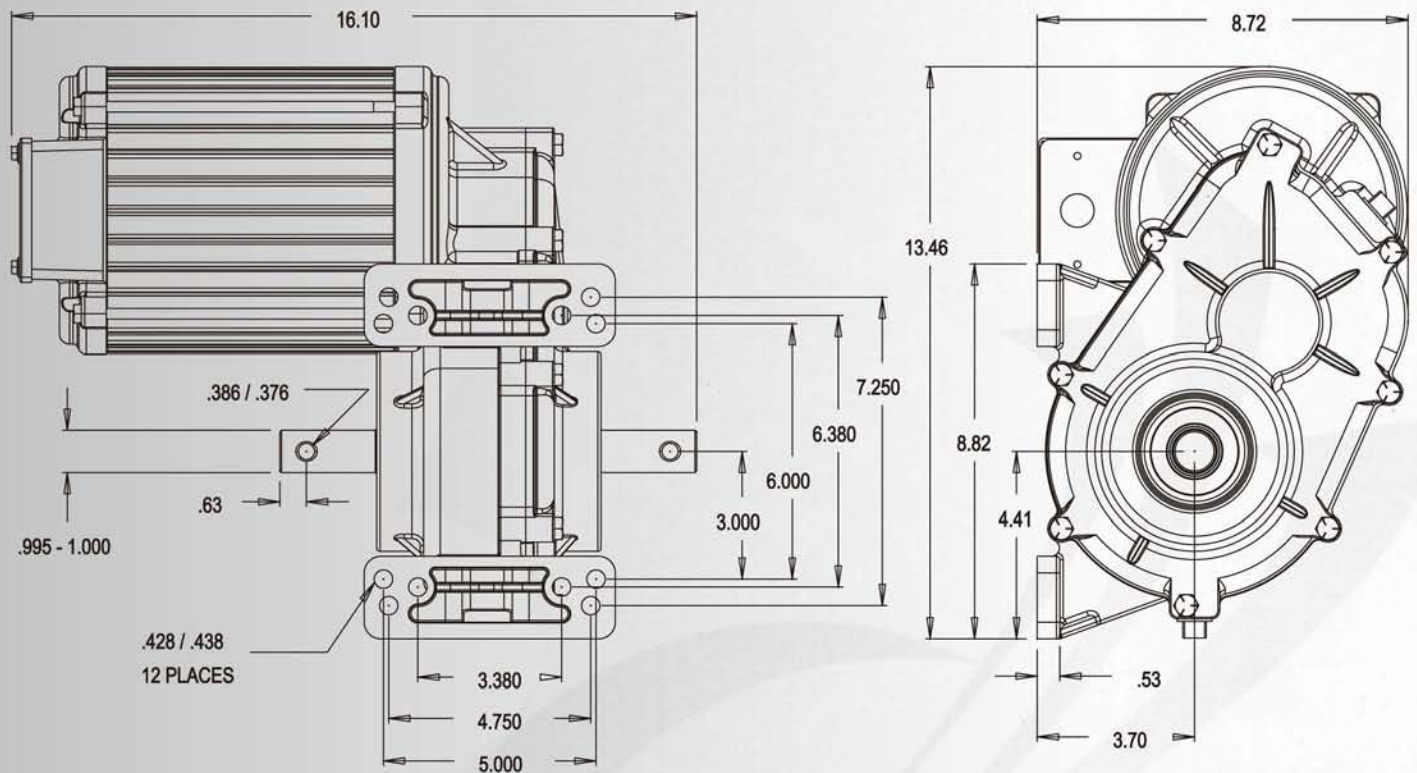
Models Available:

- ⇒ 30:1 ratio 1 ½hp
- ⇒ 40:1 ratio ¾hp

Evaluation specification:

- ★ All aluminum gear case and motor housing for cooler running, longer life, and increased corrosion resistance.
- ★ Proven reliability.
- ★ Multi-bolt mounting pattern fits (3 3/8" x 6 3/8"), (4 3/4" x 7 1/4") and (5" x 6") bolt patterns.
- ★ Voltage: 460V 60 Hz, 380V 50 Hz.
- ★ First Helical gear drive in the industry.
- ★ High strength steel shafting for long life and dependability.
- ★ Thermally protected with automatic reset located in easily accessible junction box.
- ★ All gears are heat treated.
- ★ Specially designed input and output seals.
- ★ Top fill plug positioned to set correct oil level.
- ★ All critical electrical connections use P.D. caps to encapsulate and to resist penetration of moisture.
- ★ Class F insulation and materials are used throughout.
- ★ TFE tubing on all magnetic Wire to motor lead connections.
- ★ Makes possible the use of smaller generators and smaller incoming wire sizes.
- ★ C.S.A. approved.
- ★ Shipped with gear oil.
- ★ Efficiency 95%.
- ★ P.D. caps used on all wire leads.
- ★ Stainless junction box cover.
- ★ Dual shaft seals.
- ★ New High capacity outer motor bearing

Dimensional Drawing Power Saver 3.5



Ratio	20:1	30:1	40:1
Motor HP	1 1/2 HP	1 1/2 HP	3/4 HP
Service Factor	1.1	1.1	1.3
Full Load RPM	1425 RPM	1425 RPM	1425 RPM
INPUT	71 RPM	48 RPM	35 RPM
OUTPUT	2.2 A / 2.3 A	2.2 A / 2.3 A	1.4 A / 1.5 A
Full Load AMP	1.3 A / 1.4 A	1.3 A / 1.4 A	1.0 A / 1.1 A
No Load AMP	4.577 LB-FT	4.577 LB-FT	2.30 LB-FT
Full LD Torque Motor	18.92 LB-FT	18.92 LB-FT	13.39 LB-FT
Breakdown Torque Motor	16.36 Amp	16.36 Amp	9.60 Amp
Lock Rotor AMPS	19.98 LB-FT (437%)	19.98 LB-FT (437%)	10.83 LB-FT (471%)
Lock Rotor TQE Motor			