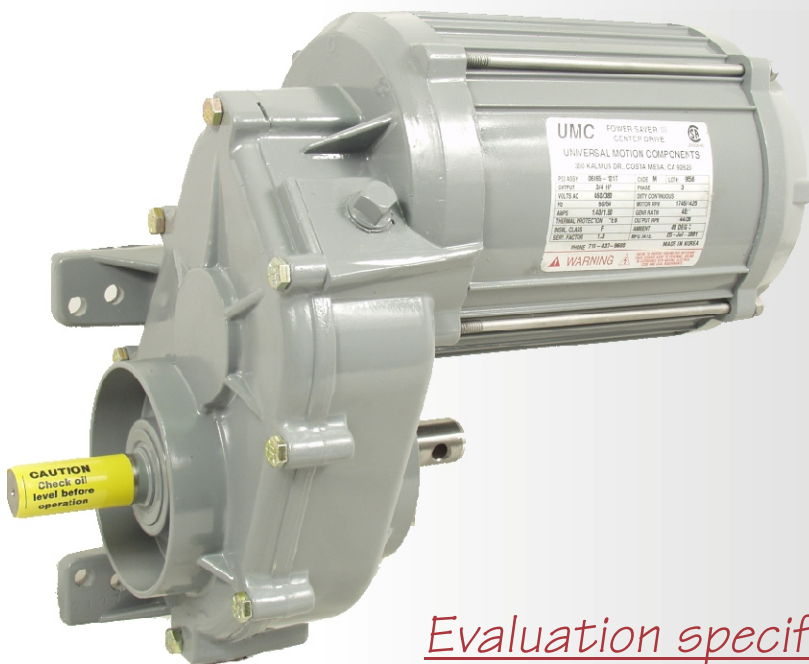


QUALITY IRRIGATION PRODUCTS

2920 Airway Ave, Costa Mesa, Ca. 92626
phone: 714.437.9600 fax: 714.437.9700



POWER SAVER III



Models Available:

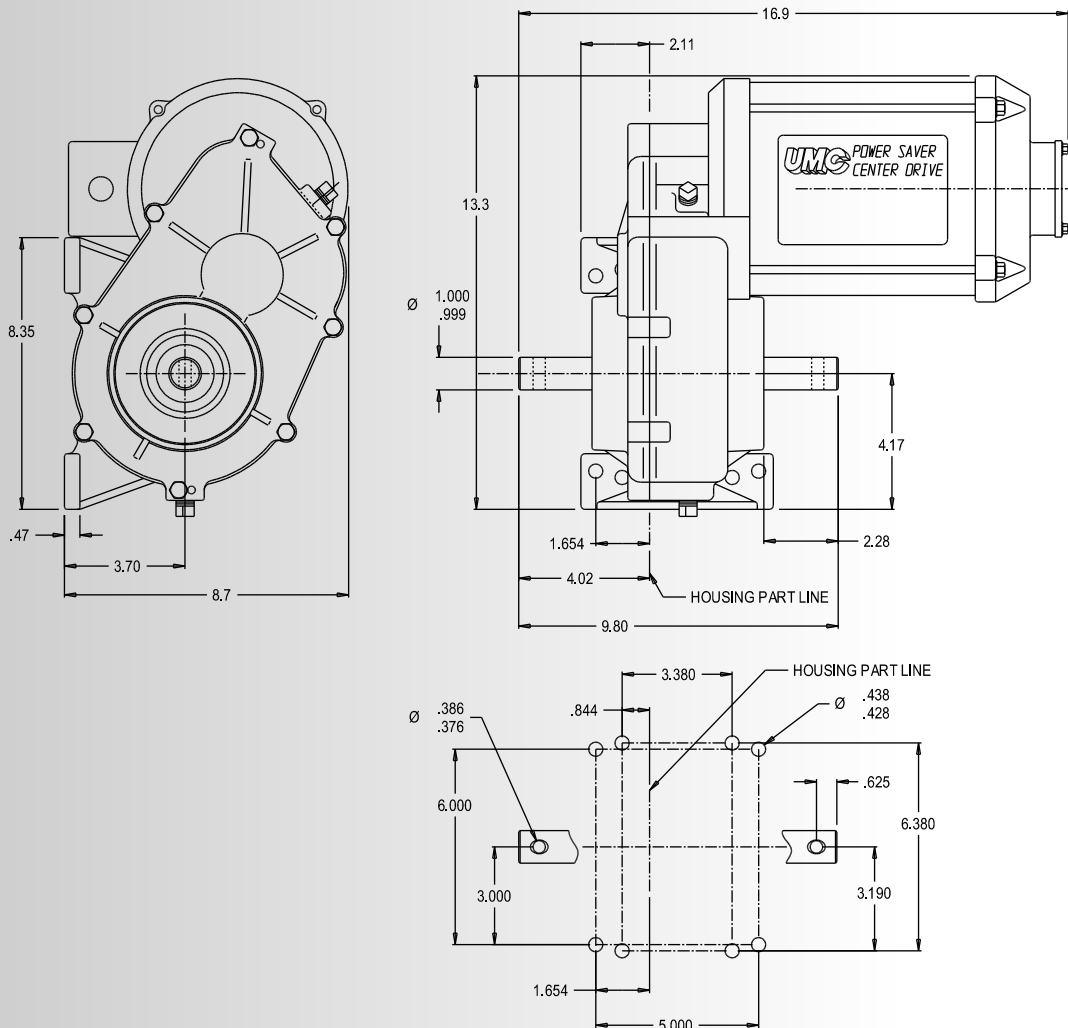
- ⇒ 20:1 ratio 1 ½hp
- ⇒ 25:1 ratio 1 ½hp
- ⇒ 30:1 ratio 1 ½hp
- ⇒ 40:1 ratio .75hp
- ⇒ 50:1 ratio .52hp
- ⇒ 60:1 ratio .52hp

Evaluation specification:

- * All aluminum gearcase and motor housing for cooler running, longer life, and increased corrosion resistance.
- * Proven reliability.
- * Dual bolt mounting pattern 5"x6", 3 3/8" x 6 3/8".
- * Voltage: 460V 60 Hz, 380V 50 Hz.
- * Type: Helical gear design. High strength steel shafting for long life and dependability.
- * Thermally protected with automatic reset.
- * All gears are heat treated.
- * Specially designed input and output seals.
- * Top fill plug positioned to set correct oil level.
- * All critical electrical connections are encapsulated to resist penetration of moisture.
- * Class F insulation and materials are used throughout.
- * CSA approved.
- * Shipped with gear oil.
- * Efficiency 95%.
- * Makes possible the use of smaller generators and smaller incoming wire sizes.

CONTACT UMC AT SALES@UMCPRODUCTS.COM

Dimensional Drawing Power Saver III



Ratio	20:1	25:01:00	30:1	40:1	50:1	60:1
Motor HP	1 1/2 HP	1 1/2 HP	1 1/2 HP	3/4 HP	0.52 HP	0.52 HP
Service Factor	1.1	1.1	1.1	1.3	1.3	1.3
Full Load RPM						
INPUT	1725 / 1425 RPM	1725 / 1425 RPM	1725 / 1425 RPM	1745 / 1425 RPM	1745 / 1425 RPM	1747 / 1430 RPM
OUTPUT	86 / 71 RPM	68 / 56 RPM	58 / 48 RPM	44 / 35 RPM	25 / 29 RPM	29 / 24 RPM
Full Load AMP	2.2 A / 2.3 A	2.2 A / 2.3 A	2.2 A / 2.3 A	1.4 A / 1.5 A	1.4 A / 1.5 A	1.10 A / 1.20 A
No Load AMP	1.3 A / 1.4 A	1.3 A / 1.4 A	1.3 A / 1.4 A	1.0 A / 1.1 A	1.0 A / 1.1 A	0.84 A / 0.90 A
Full LD Torque Motor	4.577 LB-FT	4.577 LB-FT	4.577 LB-FT	2.30 LB-FT	2.30 LB-FT	1.52 LB-FT
Breakdown Torque Motor	18.92 LB-FT	18.92 LB-FT	18.92 LB-FT	13.39 LB-FT	13.39 LB-FT	9.73 LB-FT
Lock Rotor AMPs	16.36 Amp	16.36 Amp	16.36 Amp	9.60 Amp	9.60 Amp	8.00 Amp
Lock Rotor TQE Motor	19.98 LB-FT (437%)	19.98 LB-FT (437%)	19.98 LB-FT (437%)	10.83 LB-FT (471%)	10.83 LB-FT (471%)	528% Estimated

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