

Quality Irrigation Products



UMC is a ISO 9001:2015
Certified Company



Irrigation Solutions

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Center Drive Gear Motor

Power Saver® 4 - High Speed Inverter Duty

Designed for high-speed constant move mechanized irrigation

UMC's High Speed Inverter Duty Power Saver 4 center drives were designed to enhance the capabilities of electric-powered mechanized irrigation systems. When used with a variable speed drive system, these center drives enable a machine to travel across the widest range of speeds in the industry, enabling low speed irrigation and high-speed irrigation, chemigation and data collection.

Features and Benefits

These center drives were designed with the future of center pivot irrigation in mind. With their advanced features and wide speed range, these units offer unrivaled performance.

- ▶ TEFC Inverter Duty Motor – CSA & CE certified
- ▶ Available ratios: 50:1, 40:1, 30:1, 25:1 & 20:1
- ▶ Last tower top speed range: 40 – 100ft/min with 38" tires & 50:1 gearboxes
- ▶ Fan cooled motor with aluminum stator can for enhanced heat dissipation
- ▶ Stainless steel fan shroud and stator bolts for enhanced corrosion resistance
- ▶ Class H wire and class F insulation
- ▶ IP 45 rated
- ▶ Cartridge output seals eliminate shaft grooving & reduce oil leaks
- ▶ 95% efficient helical gear reduction
- ▶ Heat treated forged steel gears result in less wear and quieter operation
- ▶ Multi-bolt mount pattern fits most pivots
- ▶ Self-leveling oil fill plug for easier maintenance
- ▶ Integrated crop guard to receive coupler shields & protect oil seals from crop wrapping & debris
- ▶ Seal savers on output to protect oil seals
- ▶ Motor drain holes protected by UMC's exclusive Spray Guard for superior spray protection

Model Number	Output RPM
06169-111K	7 - 170 RPM
06169-111C	9 - 224 RPM
06169-111F	12 - 282 RPM
06169-111M	14 - 343 RPM

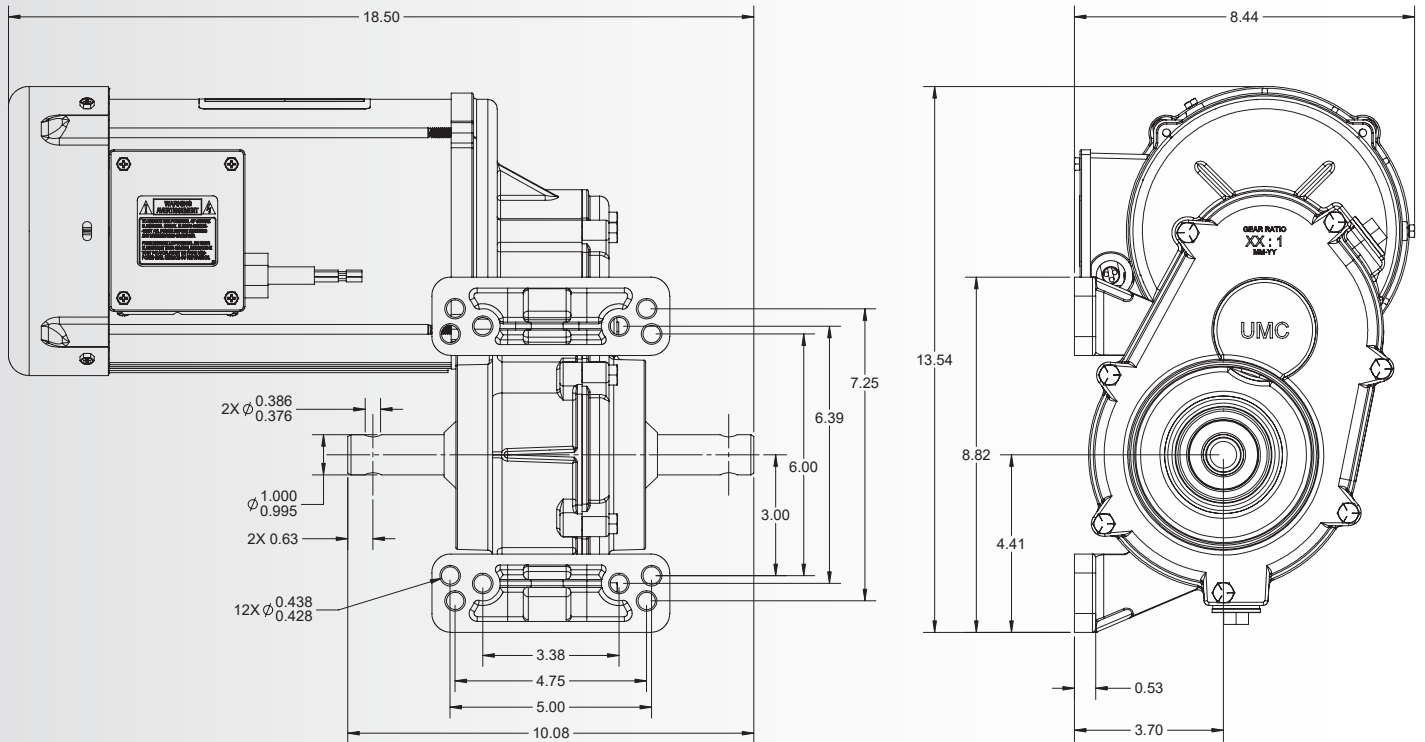
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Universal Motion Components®

Dimensional Drawing

Power Saver® 4 - High Speed Inverter Duty

06169-111K/C/F/M



Part Number	Input Volts	Hz	Output RPM	Amps	Torque (Lb-IN)	HP	Duty
06169-111K	66V-460V	6 - 120	7 - 170	3.4 - 4.6	2122 - 1071	0.25 - 3.0	CONT.
	66V-380V	6 - 100	7 - 143	3.4 - 4.4	2122 - 1071	0.25 - 2.5	CONT.
06169-111C	66V-460V	6 - 120	9 - 224	3.4 - 4.6	1621 - 818	0.25 - 3.0	CONT.
	66V-380V	6 - 100	9 - 187	3.4 - 4.4	1621 - 818	0.25 - 2.5	CONT.
06169-111F	66V-460V	6 - 120	12 - 282	3.4 - 4.6	1288 - 650	0.25 - 3.0	CONT.
	66V-380V	6 - 100	12 - 235	3.4 - 4.4	1288 - 650	0.25 - 2.5	CONT.
06169-111M	66V-460V	6 - 120	14 - 343	3.4 - 4.6	1050 - 530	0.25 - 3.0	CONT.
	66V-380V	6 - 100	14 - 288	3.4 - 4.4	1050 - 530	0.25 - 2.5	CONT.

**UNIVERSAL
MOTION
COMPONENTS**



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