

Quality Irrigation Products



UMC is a ISO 9001:2015
Certified Company



Irrigation Solutions

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Final Drive Gearbox



Features and Benefits

The patented UMC® 765-UV-AD™ gearbox is our largest and most durable and high performance gearbox with a 52:1 gear ratio. It is a direct replacement for its predecessor, the 760-UV™, and features several improvements that enhance load capacity, gear life and seal life.

- ▶ 2.50 inch diameter extended steel output shaft
- ▶ 52:1 gear ratio with a 25° pressure angle and full recess action gear design
- ▶ Cartridge input and output seals
- ▶ 9-Bolt mounting pattern
- ▶ Patented Vented Internal Diaphragm with a large expansion cavity, designed to minimize pressure buildup, extending seal life and significantly reducing the risk of oil leaks

765-UV™ Gearbox

Designed for heavy spans, extreme conditions, corner systems, and lateral / linear carts

The UMC® 765-UV-AD™ gearbox is designed for use on center pivots and lateral / linear irrigation systems. It is typically used for the most extreme conditions and applications such as corner systems, lateral carts and heavy towers. It is the ideal choice for areas where extreme field conditions exist and/or machines run high annual hours of operation. It is also a direct replacement for brands that use 52:1 gearboxes as standard on their machines.

Part Number	Ratio
10162-106AD	52:1

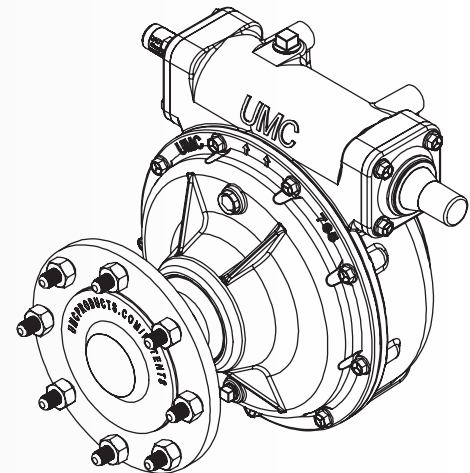
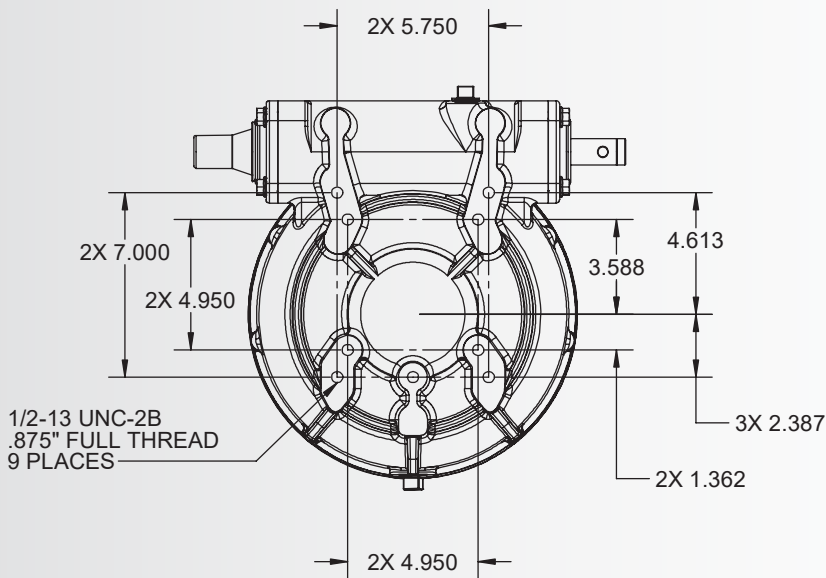
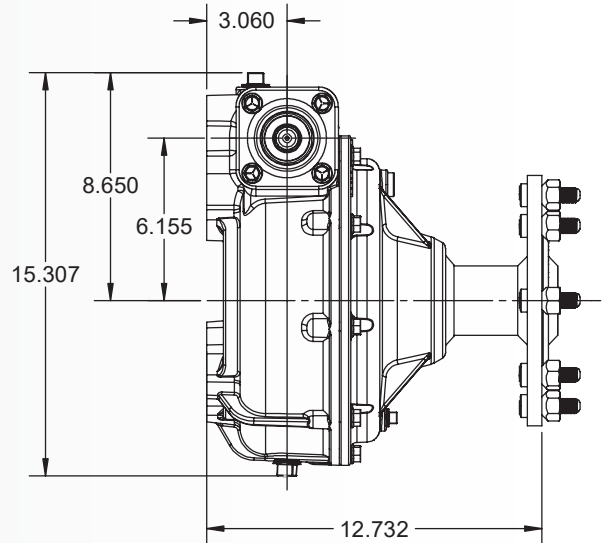
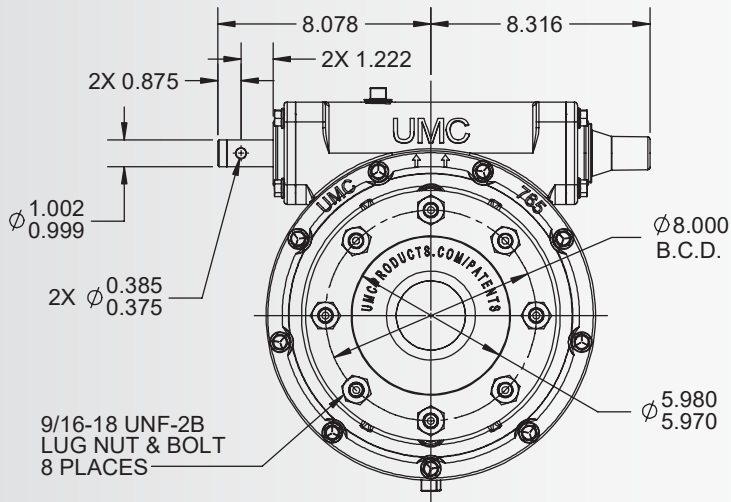
- ▶ Enhanced gear material that increases load capacity, reduces gear wear and lowers operating temperatures, extending gear life
- ▶ External seal protectors for input and output seals
- ▶ Largest output bearings in the industry
- ▶ Dual ended input shaft with a hub cap for the unused end
- ▶ Large 3/4 oil fill and drain plugs for easier maintenance
- ▶ Filled with extreme pressure worm gear oil
- ▶ Extra long carriage bolts allow use with reinforced rims
- ▶ Bronze gear optional
- ▶ This gearbox features UMC's registered Four-Rib Design® trademark

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Universal Motion Components®

Dimensional Drawing

765-UV™ Final Drive Gearbox



Universal mounting bolt pattern fits most Valley, Zimmatic, Reinke, and Pierce systems.

Gearboxes with UMC's registered Four-Rib Design® trademark are a distinct design feature signaling a genuine UMC irrigation product. Learn other ways to identify genuine UMC Irrigation hardware, at www.umcproducts.com/genuine.

UNIVERSAL MOTION COMPONENTS



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