

Quality Irrigation Products



UMC is a ISO 9001:2015
Certified Company



Irrigation Solutions

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Final Drive Gearbox



745-U-AD™ Gearbox

Designed for heavy overhung loads, lightweight lateral/linear carts, and corner steering

The UMC® 745-U-AD™ gearbox is designed for use on center pivots and lateral/linear irrigation systems. The primary uses of this gearbox are for heavy spans, lightweight lateral/linear carts, and corner steering.

Part Number	Ratio
10141-135AD	50:1

Features and Benefits

The UMC® 745-U-AD™ gearbox features a 50:1 gear ratio, a 2.50 Inch diameter output shaft, and larger output bearings, enabling it to handle increased overhung loads. It also features enhanced gear materials that provide greater load capacity, reduce gear wear, and lower operating temperatures, ensuring optimal performance and longevity.

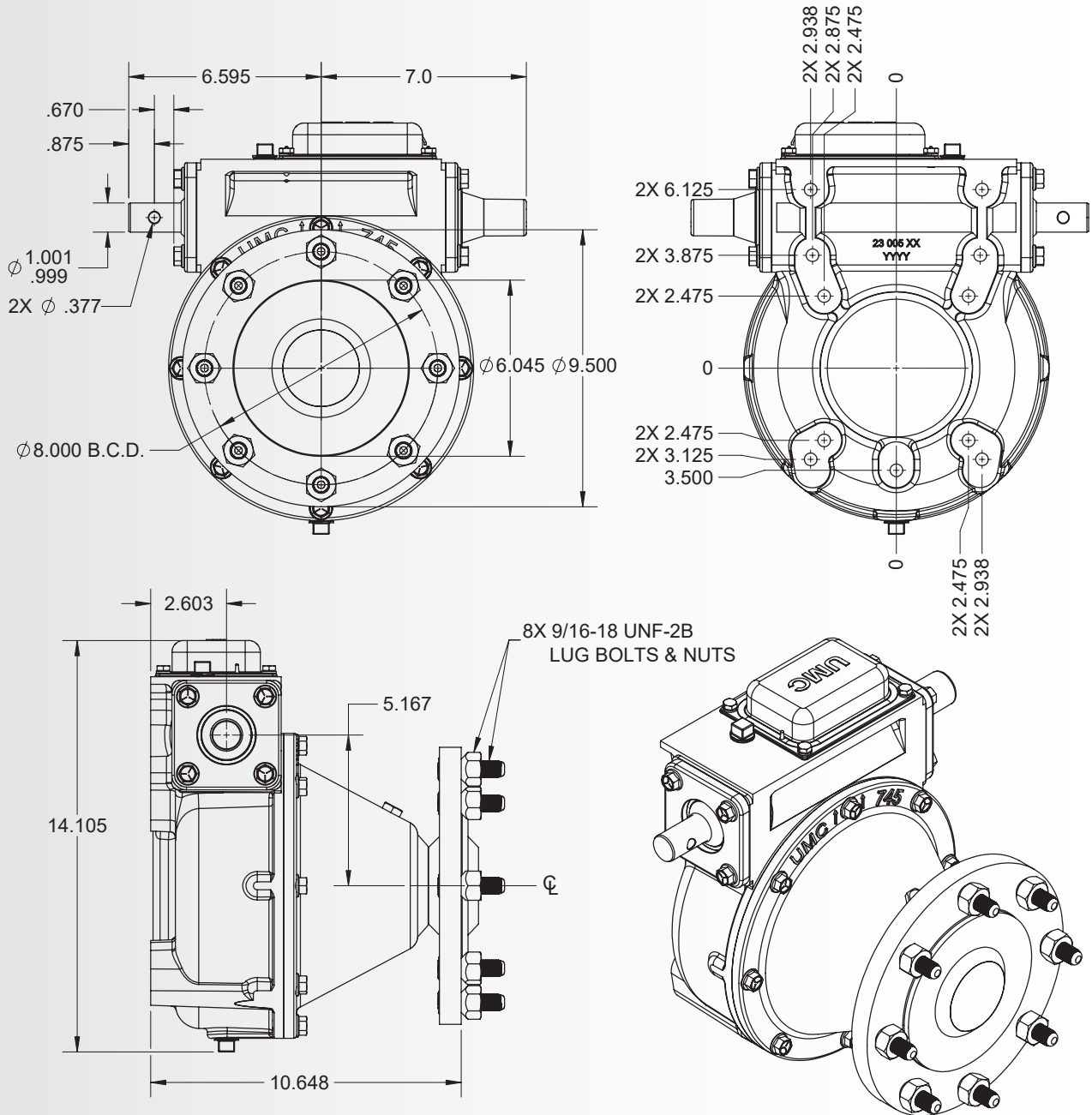
- ▶ 2.50 Inch diameter steel output shaft
- ▶ 50:1 gear ratio
- ▶ Cartridge input and output seals
- ▶ Large input bearings
- ▶ 11-Bolt mounting pattern
- ▶ Enhanced gear material that increases load capacity, reduces gear wear and lowers operating temperatures, extending gear life
- ▶ Full cycle external expansion chamber with stainless steel cover
- ▶ External seal protectors for input and output seals
- ▶ Top oil fill plug
- ▶ Filled with extreme pressure gear oil
- ▶ Dual ended input shaft with a hub cap for the unused end
- ▶ Extra long carriage bolts allow use with reinforced rims
- ▶ Positive wheel register

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Universal Motion Components®

Dimensional Drawing

745-U-AD Final Drive Gearbox



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

**UNIVERSAL
MOTION
COMPONENTS**



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