

## Quality Irrigation Products



UMC is a ISO 9001:2015  
Certified Company



## Irrigation Solutions

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## Towable Final Drive Gearbox



### TNT-UV-AD™ Gearbox

**Designed for towable center pivots and lateral/linear irrigation systems. Purpose-built for higher performance.**

The UMC® TNT-UV-AD™ gearbox is designed for use on towable center pivots and lateral/linear irrigation systems. The gearbox design allows the worm gear to disengage from the bull gear so the output shaft can rotate freely, enabling users to move irrigation systems from one field to another.

#### Gear Ratio

52:1

#### Part Number

10143-116A

## Features and Benefits

The UMC® TNT-UV-AD™ gearbox is purpose built for higher performance and longer life. It features a 52:1 gear ratio, a 2.25 inch diameter output shaft, large input bearings, cartridge seals and enhanced gear material that allows for increased load capacity, reduced gear wear and lower operating temperatures. It is a direct replacement for its predecessor, the TNT-2-UV™.

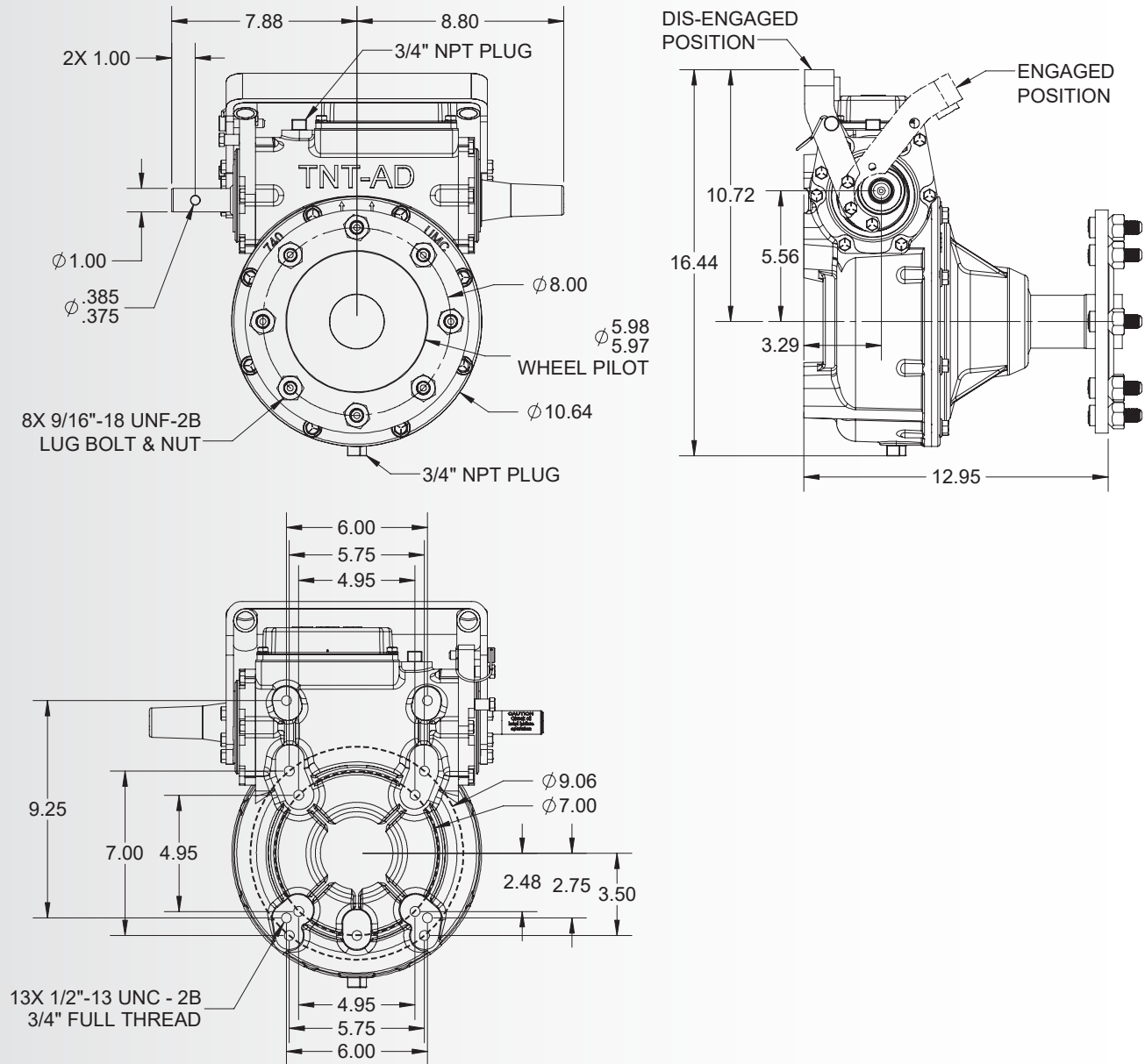
- ▶ 2.25" diameter extended steel output shaft
- ▶ 52:1 gear ratio with a 25° pressure angle and full recess action gear design
- ▶ Cartridge input and output seals
- ▶ Disengage-able worm gear for towing
- ▶ Enhanced gear material that increases load capacity, reduces gear wear and lowers operating temperatures, extending gear life
- ▶ Larger full cycle external expansion chamber with die cast aluminum cover
- ▶ Large input bearings
- ▶ 13-Bolt mounting pattern
- ▶ External seal protectors for input and output seals
- ▶ Dual ended input shaft with hub cap for the unused end
- ▶ Large 3/4 oil fill and drain plugs for easier maintenance
- ▶ Filled with extreme pressure gear oil
- ▶ Extra long carriage bolts allow use with reinforced rims
- ▶ Positive wheel register
- ▶ This gearbox features UMC's registered Four-Rib Design® trademark

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# Universal Motion Components®

DIMENSIONAL DRAWING

## TNT-UV-AD TOWABLE GEARBOX



Universal mounting bolt pattern fits most Valley, Zimmatic, Reinke, and Lockwood 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.umpproducts.com/genuine](http://www.umpproducts.com/genuine).

**UNIVERSAL  
MOTION  
COMPONENTS**



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