

Quality Irrigation Products



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Quality Management



UMC is a ISO 9001:2015
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IRRIGATION
POWERTRAIN

www.umcproducts.com

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Final Drive Gearbox



740-U-Master™ Hydraulic Gearbox

Hydrostatically driven Master 50:1 worm gearbox for T-L center pivots and linears

The UMC® 740-U-Master™ gearbox is a direct replacement for T-L Master worm gearboxes. It is designed for use on T-L center pivots and linear irrigation systems that are hydrostatically driven.

Part Number	Gear Ratio
10141-103KU	50:1

Features and Benefits

The UMC® 740-U-Master™ gearbox features a hydraulic input adapter, a 50:1 gear ratio, a 2.25" diameter output shaft, large input bearings, a steel worm gear, a cast iron bull gear and cartridge input and output seals that eliminate shaft grooving and reduce oil leaks.

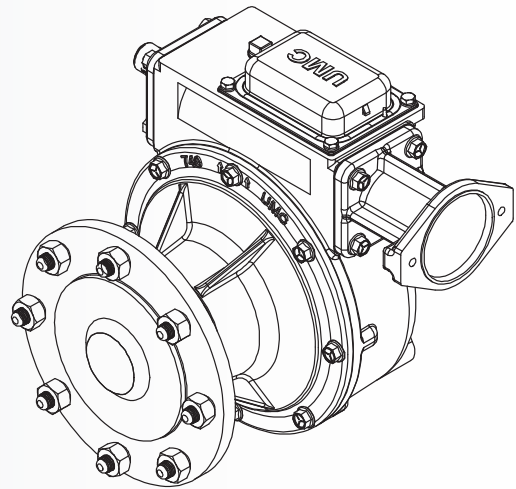
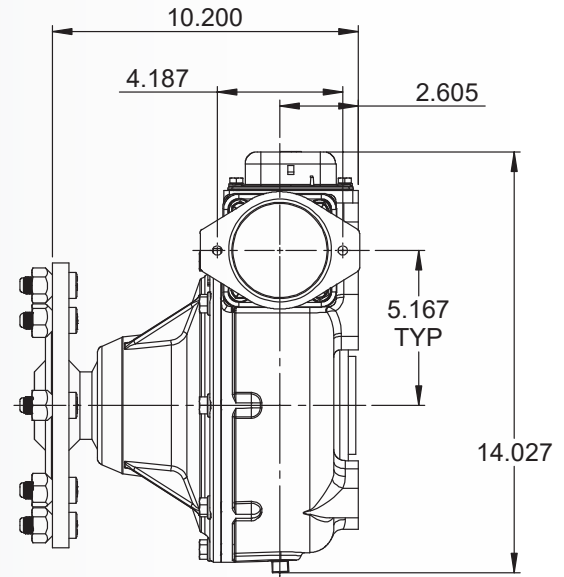
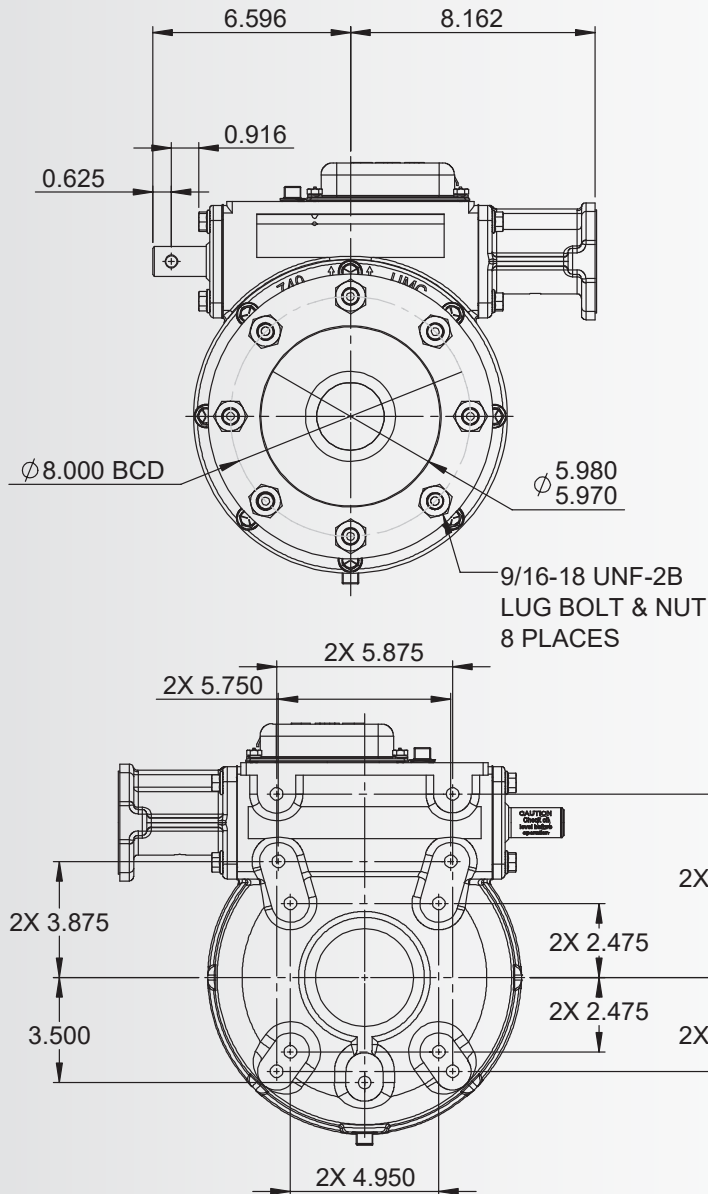
- ▶ Hydraulic input for direct motor coupling
- ▶ 2.25" diameter steel output shaft
- ▶ 50:1 gear ratio
- ▶ Cartridge input and output seals
- ▶ Large input bearings
- ▶ Full cycle external expansion chamber with stainless steel cover
- ▶ 11-Bolt mounting pattern
- ▶ External seal protectors for input and output seals
- ▶ Top oil fill plug
- ▶ Filled with extreme pressure gear oil
- ▶ Positive wheel register

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Universal Motion Components®

Dimensional Drawing

740-U-Master™ Hydraulic Gearbox



UNIVERSAL
MOTION
COMPONENTS



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