

Thomson Micron - RVD

Q&A Session for Gearhead Solutions for Washdown Applications

Q: Anything from the Kollmorgen side with servos for food?

A: Yes they have a new Wash down series, contact Kollmorgen

Q: Any orientation gearhead considerations?

A: Our Aqua True series can be used in any orientation. There is no “oil”.

Q: Redimounts the same?

A: Our Aqua True series do not use the Redi-Mount System. Each outer housing is custom designed to mate with the motor.

Q: Lubricant is automatically food grade?

A: Yes the Aqua True uses Food Grade Grease as a standard.

Q: Lead time? Varies 6-10 weeks

Q: Who provides the certifications? A:

A: We provide a NSF stamp on each unit (like a UL stamp)

Q: How energy efficient are these motors?

A: 93%

Q: Do you provide online and-or onsite training and startup?

A: We can provide training at our distribution centers. There is literature available on line. We have application specialist to talk with or email.

Q: Is there an online troubleshooting guidance?

A: We can provide documents. Request this through our customer service center.

Q: How does this equipment fit into LEED certified facilities?

A: LEED organizations can and may use the AquaTrue. We would need to review requirements before an order is placed for that organization.

Q: What is the Warranty for the AquaTRUE ?

A: 1 year standard. We have offered 2-3 year warranties depending on the application.

Q: What is the Life Expectation of the AquaTRUE in Hours or Cycles (Revolutions) ?

A: Life cycles are based on our catalog performance 10,000 to 20,000 hours depending on speeds and torques.

Q: What 300 Series Stainless Steel is the AquaTRUE Housing ?

A: We use 304 Series

Q: Is Danaher making a Stainless motor? What was the motor in the submersed test?

A: Kollmorgen has recently come out with a wash down series motor. We used an Allen Bradley motor in our testing,

Q: What Temperature Washdown Water / Steam can the AquaTRUE handle ?

A: We tested at 80°C

Q: Can we get Life Calculations for AquaTRUE Applications ?

A; This is application dependent, but for calculations use Micron Motioneering and the XT series Gearheads.

Q: What are the Temp. ratings? How low can you go?

A: Our Standard Aqua True -10°to 120°C

Q: Have you considered this for use in a nuclear environment?

A; Yes but it is application dependent. We would need to review requirements.

Q: Is this available in a 90 degree configuration?

A: No not at this time.

Q: Are there any non-metallic options?

A: No not at this time.

Q: Can this be used with other motor manufactures? Allen Bradley?

A: Yes

Q: Is the AquaTRUE available with a hollow output shaft?

A: No not at this time, but we can look at the requirements and determine if something special can be made.