

# Data Bulletin

## ServoTube Hygienic Actuator

### Force

- Peak: 744 - 1860 N
- Continuous: 217 - 458 N

### Construction/Cooling

- 316L austenitic stainless steel
- IP69K rating
- Water-cooled

### Maximum Velocity

- Up to 4.7 m/s

### Feedback

- Built-in sensor
- Incremental encoder output
- Digital Halls output
- 10 micron resolution
- $\pm 25$  micron repeatability

### Range of Motion

- Stroke: 33 - 318 mm

### Dimensions

- W x H: 108 x 72 mm
- Rod diameter: 38 mm

### Recommended Drive

- Xenus
- Xenus<sup>PLUS</sup>



Hygienic ServoTube is a stainless steel, water-cooled version of the 38 actuator. With smooth surfaces and IP69K high-pressure wash-down rating, ServoTube is ideal for material handling applications in the Food & Beverage industry. Two models are available operating at 300-600V with peak forces up to 1860N.

The ruggedness and mechanical simplicity of Hygienic ServoTube can bring significant cost savings to sterile environment applications. Simply mount the forcer directly to the machine. The food-safe dry bearings of the moving-rod actuator deliver quiet, long life and are conveniently field replaceable.

The IP69K rating of Hygienic ServoTube facilitates high-pressure wash-down techniques which use significantly less water and cleansing agents than typical low-pressure hose-down. The cleaning process itself is easier and quicker. Cost is reduced and there is less environmental impact. The 316L austenitic stainless steel construction of Hygienic Servotube also provides high resistance to corrosion and chemical attack.

Hygienic ServoTube features a standard incremental encoder output and digital Halls enabling the motor to be used with any drive. The encoder delivers 10 micron resolution with 25 micron repeatability.



## XHA3804/10 HYGIENIC FORCER INSTALLATION DIMENSIONS

