

Copley Introduces ServoTube Hygienic Actuator

Force

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

Maximum Velocity

- Up to 4.7 m/s

Feedback

- Built-in sensor
- Incremental encoder output
- Digital Halls output
- 10 micron resolution
- ± 25 micron repeatability

Range of Motion

- Stroke: 33 - 318 mm

Dimensions

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

Rating

- IP69K

Recommended Drive

- Xenus
- Xenus^{PLUS}



Copley Controls announces Hygienic ServoTube, a stainless steel, water-cooled, 600V version of the XTA38 actuator. Two models are available, delivering peak forces up to 1860 N. With smooth surfaces and IP69K high-pressure wash-down rating, Servotube is ideal for material handling applications in the Packaging, Food & Beverage and Pharmaceutical industries.

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.

Hygienic ServoTube features a standard incremental encoder output and digital Halls. The encoder delivers 10 micron resolution with 25 micron repeatability. The drive power interface is three phase and can operate at 600V. While drive connectivity and configuration is simplest with Copley drives, it is possible to use any third party drive with Hygienic ServoTube.

XHA3804/10 HYGIENIC FORCER INSTALLATION DIMENSIONS

