

May 8, 2015

SUBJECT: Product Support Plan for the EHPC & EHPS Product Lines

Woodward introduced its Electro-Hydraulic Power Cylinder (EHPC) and Electro-Hydraulic Power Servo (EHPS) product lines in 1996. Since that time these products have enjoyed success in the market as an important part of our complete turbine actuation offerings.

Woodward has released the replacement product line named VariStroke (linear electro-hydraulic valve actuators) that replaces the EHPC and EHPS products. The new VariStroke line has superb speed, accuracy and resolution along with a robust dirt-tolerant and no leak design. Customers are recommended to change their EHPC and EHPS to the newer and improved VariStroke product line. The VariStroke is a direct replacement (small wiring and mounting differences) for the current EHPC and EHPS that makes the transition to this new product easy.

As post production support is an important part of Woodward's Tier-one service plan, and to the EHPC and EHPS owners/users, Woodward has developed the following the product support plan to ensure years of product operation and factory support:

January 1, 2015:

- VariStroke product line released

January 1, 2015 – 2017:

- Migrate all new EHPC and EHPS orders to VariStroke
- New EHPC & EHPS production units available for customers requiring them
- Unlimited EHPC & EHPS spare units & spare components are available
- Unlimited EHPC & EHPS repairs are available
- VariStroke replacement product is available

January 1, 2017 - 2022:

- New EHPC & EHPS production stopped
- Unlimited EHPC & EHPS spare units & spare components are available
- Unlimited EHPC & EHPS repairs are available
- VariStroke replacement product is available

January 1, 2022 - 2027:

- Complete EHPC & EHPS spare units not available
- Unlimited EHPC & EHPS spare components are available based on parts availability
- Unlimited EHPC & EHPS repairs are available based on parts availability
- VariStroke replacement product is available

January 1, 2027 - 2032

- Limited EHPC & EHPS spare components are available based on parts availability
- Limited EHPC & EHPS repairs are available based on parts availability
- VariStroke replacement product is available



Parts obsolescence from electronic manufacturers can present a challenge to post-life support plans. Woodward strives to hold inventory, or look for alternative parts when components are obsolete. However, there are times when components can simply not be obtained and where sufficient last-time buys cannot be made. In these cases, Woodward cannot always guarantee that we can maintain the rationalization support plan.

Regards,

A handwritten signature in blue ink that reads 'Eric Frieauf'.

Eric Frieauf
Aftermarket Marketing Manager
Woodward