

Flex P Couplings

ROTARY ENCODERS

PROBLEM

A leading manufacturer of incremental and absolute rotary encoders required world-class precision couplings for its wide range of angular and rotary encoders (both optical and magnetic).

The company specializes in the design and manufacture of both standard and custom rotary encoder variants that are supplied for industries including textile, packaging, printing, elevator, woodworking, plastic, medical, food, agriculture, renewable energy, construction, aerospace and defense. Supplied to more than 50 countries, the encoders can be applied in rigorous operating conditions, such as high shock and vibration, extreme temperature fluctuations, or wet and dirty environments.

The selection of class-leading, precision couplings is vital to ensure that the manufacturer's OEM customers, as well as end users, can be confident in achieving accurate measurement and positioning time after time.

SOLUTION

Based on many years of successful collaboration between the two companies, the manufacturer specifies Huco™ precision couplings as its standard.

Huco's double-loop Flex P coupling is used extensively by the manufacturer in both standard and customized encoder designs. This popular coupling uses a molded plastic element that is swaged permanently to steel or stainless steel hubs to provide a compact design. It forms an effective two-stage coupling with exceptional flexibility in all three modes. These couplings work without any friction, wear, or noise and are ideal for transmitting rotation in small drives.



HIGHLIGHTS

- Double-loop, two-stage couplings
- Molded plastic element permanently swaged to steel or stainless steel hubs
- Works without any friction, wear, or noise
- Compact design

Regal Rexnord

Huco UK Customer Service: +44 01992 501900
customer care.eu@regalrexnord.com
huco.com | regalrexnord.com



The proper selection and application of products and components, including assuring that the product is safe for its intended use, are the responsibility of the customer. To view our Application Considerations, please visit <https://www.regalrexnord.com/Application-Considerations>.

To view our Standard Terms and Conditions of Sale, please visit <https://www.regalrexnord.com/Terms-and-Conditions-of-Sale>.

"Regal Rexnord" is not indicative of legal entity. Refer to product purchase documentation for the applicable legal entity. Regal Rexnord and Huco are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

© 2023, 2026 Regal Rexnord Corporation, All Rights Reserved. MCCSS-P-8149-HD-EN-US 04/26

