



SS HERA[®] REDUCERS

APPLICATION

Food Processing

SOLUTION TYPE

Reduced Maintenance
Production Uptime

DESCRIPTION OF PROBLEM

A customer that produces pita pocket bread was experiencing production and sanitation issues in their clean food environment. The competitor's gear units were leaking oil, resulting in contamination issues. These units ran 24 hours a day, seven days a week and were mounted "motor down".

HUB CITY[™] SOLUTION

Hub City Stainless Steel HERA units have provided excellent results for the customer. The customer also changed the mounting configuration to "motor up." These units, which are combined with stainless steel motors and food grade belting, have provided a clean environment in the workplace. The customer has experienced no leaks to date and is very satisfied.

KEY CUSTOMER NEED(S) AND BENEFITS OF HUB CITY[™] PRODUCTS

Hub City Stainless Steel HERA units have increased production uptime, while reducing maintenance time by delivering continuous performance and cleanliness.

PRODUCT/PART

SSHERA35ES 19.93 56C 1.00 (0250-56820)

SS HERA® REDUCERS



FEATURES AND BENEFITS

- 90% efficiency in all ratios with up to 40% reduction in energy
- Torque-dense with double the capacity of worm drives
- Wide torque capacity and modular shaft
- Base and flange components allow for HERA reducers to interchange with worm reducers from 1.75 to 6 in. (44.45 to 152.4 mm) center distance
- Filled with PAG460 premium synthetic lubricant for enhanced efficiency (Meets USDA H1)
- Viton* Double Lip Seals protect against leaks at higher temperatures

* Viton is believed to be the trademark of The Chemours Company and is not owned or controlled by Regal Beloit Corporation.



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APPLICATION CONSIDERATIONS

The proper selection and application of power transmission products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and/or its affiliates ("Regal") with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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