



LEESON® DC MOTORS PROVIDE POWER FOR FORKLIFT STEERING UNIT

APPLICATION

Fork Lifts.

SOLUTION TYPE

LEESON DC motors provide necessary power for fork lift power steering unit.

DESCRIPTION OF PROBLEM

The customer needed an electric motor that offered enough capability to power the hydraulic pump for their fork lift power steering unit. In order to utilize the power from the fork lift batteries, the motor needed to be rated for 24V.

LEESON DC MOTOR SOLUTION

The customer used a LEESON DC motor because it offered the consistent speed and torque response over the motor's operating range that is needed to power the hydraulic pump for their fork lift power steering unit. The LEESON DC motor has better thermal characteristics and is compact and efficient compared to other brands of motors. Driving the power steering unit pump required a reliable motor and LEESON DC motors have a long history of quality and reliability U.S. built performance.

PRODUCT/PART DESCRIPTION

LEESON DC Motor.

KEY CUSTOMER NEED(S) AND BENEFITS FROM LEESON DC MOTOR PRODUCTS

The customer needed a reliable quality motor that would stand-up to the power demand of the fork lift power steering unit. The need for variable speed controllability, especially at low speeds, a simple control system and high starting torque, made the LEESON DC motor the obvious choice for the application. The ability to use the LEESON DC motor with the fork lift battery was a must have for the application.



LEESON® DC MOTORS FEATURES & BENEFITS:

- Wide speed range
- Simplified speed control
- Made in the U.S.A.
- Offers consistent speed-torque profile required in fork lift applications
- Instant starting torque
- Cost-competitive offering for adjustable speed applications
- Strong performance in a compact size
- Can be used with battery power supplies for increased portability



Regal Beloit America, Inc.

1051 Cheyenne Avenue

Grafton, WI 41042

Customer Service: 262-377-8810

Fax: 262-377-9025

www.regalbeloit.com

APPLICATION CONSIDERATIONS

The proper selection and application of 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.

For a copy of our Standard Terms and Conditions of Sale, please visit <https://www.regalbeloit.com/Terms-and-Conditions-of-Sale>. These terms and conditions of sale, disclaimers and limitations of liability apply to any person who may buy, acquire or use a Regal product referred to herein, including any person who buys from a licensed distributor of these branded products.

Regal and LEESON are trademarks of Regal Beloit Corporation or one of its affiliated companies.

©2020 Regal Beloit Corporation, All Rights Reserved. MCFS2006E • Form# L0066E

The REGAL logo, featuring the word "REGAL" in white capital letters inside a dark grey trapezoidal shape with a registered trademark symbol.