



LEESON® EXTREME DUCK® ULTRA FEATHER PICKER MOTORS

Regal has engineered major improvements to the LEESON® Extreme Duck® Ultra motor to meet the wet operating conditions, clean-in-place processes, and other demanding washdown treatments that degrade motor service life and performance. Listening to our customers, the motor now features:

SPECIFICATIONS

- IP69 certified enclosure protection.
- Fully encapsulated stainless steel motor.
- Extra high breakdown torque.
- Q-Car™ rotor cartridge for quick access to the motor interior.
- Two-piece shaft seal with flinger resists water for improved performance in vertical installations.
- Patented vacuum epoxy encapsulation system ensures liquids won't penetrate the motor.
- Colored, non-wicking leads for easy connection and installation.
- 360° rotatable round conduit box for convenient wire placement.



Non-wicking, color coded leads match industry standards and feature abrasion and chemical resistant markers.



The entire motor housing - including the end bells - is encapsulated for unsurpassed sealing. The Q-Car™ rotor cartridge design makes it possible.

DESCRIPTION OF PROBLEM

The poultry processing industry has a longstanding relationships with both highly modernized equipment and the forces of mother nature. One of the biggest challenges within these facilities is damaging effects from the constant presence of water and moisture from both mother nature and high-pressure washdowns.

LEESON® PRODUCT SOLUTION

The LEESON® line of Washguard® motors offers the solutions needed to solve these tough problems. One of the largest poultry producers sought to increase service life, improve quality, and gain long-term savings from its feather picker motors. Through voice of customer, the team created a new stainless steel encapsulated feather picker motor. The new motor is projected to extend the life of operation by 30- 40%, resulting in a reduction of costly downtime and maintenance. Along with a reduction of inventory, the facility is anticipated to save \$20,000-\$35,000 within the first year.

Regal continually strives to provide mutual growth opportunities through improvements to our product offerings.

THREE PHASE - TEFC - RIGID BASE - EXTREME DUCK ULTRA - IP69 RATED

HP	SYN RPM 60 Hz	"NEMA®* Frame"	Catalog Number	Model Number	Voltage	F. L. Amps @ 230 V	"F.L. Eff."	Service Factor	"C"Dim. (Inches)	Notes
2	1800	145TC	122308.00	C145T17WK64	230/460	5.8	86.5	1.15	13.25	Encapsulated
3	1800	145TC	122472.00	CZ145T17UK3	230/460	8.8	84	1.00	13.25	Encapsulated

SEE WHAT REGAL'S LINE OF LEESON® FEATHER PICKER MOTORS CAN DO FOR YOU

THREE PHASE - TEFC - RIGID BASE

HP	SYN RPM 60 Hz	"NEMA®* Frame"	Catalog Number	Model Number	Voltage	F. L. Amps @ 230 V	"F.L. Eff."	Service Factor	"C"Dim. (Inches)	Notes
2	1800	145T	122009.00	C145T17WK49	230/460	5.8	86.5	1.25	13.25	Stainless Steel
2	1800	145T	121934.00	C145T17FB87	230/460	5.8	86.5	1.25	13.72	White Epoxy
2	1200	184TZ	132246.00	C184T11FB24	230/460	6.4	88.5	1.50	14.96	White Epoxy
3	1800	56HZ	119783.00	C6T17WK48	208-230/460	8.6	82.5	1.00	13.93	White Epoxy
3	1800	145T	121944.00	C145T17FB92	208-230/460	8.6	82.5	1.00	13.72	White Epoxy

* NEMA is believed to be the trademark of National Electrical Manufacturers Association and is not owned or controlled by Regal Beloit Corporation.



Regal Beloit America, Inc.

1051 Cheyenne Avenue
Grafton, WI 53024

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, LEESON, Extreme Duck, Q-Car and Washguard are trademarks of Regal Beloit Corporation or one of its affiliated companies.

©2019 Regal Beloit Corporation, All Rights Reserved. MCSSI18073E • Form# L0052E

