



# Trust Bluffton for the Toughest – Longer Lasting Motor for Feather Picking Applications

- **Built Durable** Withstands frequent sanitizing with high pressure sprays and extreme side loading requirements. Especially designed for feather picker applications
- **Economical** Long lasting design that outperforms any other motor on the market. Extended service life that can save you \$10,000 \$15,000 in downtime costs for motor replacement
- **Best Warranty** We stand by our motors with the best warranty in the business. It even covers failures from water intrusion

## Specifications:

Electrical	Mechanical
– Three-phase, 60 Hz	- NEMA 145TC, IEC 100L frame
-4 pole (1725 RPM)	<ul> <li>Rigid base, or no base</li> </ul>
-208-230/460 volt	– C-face
<ul><li>Continuous duty</li></ul>	-TEFC
-3 Horsepower	<ul><li>Double-row ball bearings</li></ul>
<ul> <li>Class F inverter duty</li> </ul>	<ul><li>Continuous duty</li></ul>
insulation system	
<ul> <li>Encapsulated windings</li> </ul>	
- 1.0 Service Factor	
−IP 66 Rated	

# **Trust Bluffton to Reduce Your Washdown Motor Replacement Costs**

We offer three motor choices to provide you with the performance, durability and economy you need for specific washdown applications. More choices to lower your motor replacement costs and increase your return-on-investment.

# HydroDuty™



# The Ultimate Washdown Motor

- This is the ultimate waterproof motor. Proven to provide 75% more cycles than other brands through extreme environment testing
- Reduces motor replacement and downtime costs. Outperforms the competition with 50 times longer service life

#### Why HydroDuty Motors are Better:

- Flared shell keeps moisture droplets away from encapsulated winding
- Center cavity drain keeps condensation away from the motor face
- Drip grooves keep condensation away from bearings
- Patented breather vent vaporizes condensation

## HydroWash™



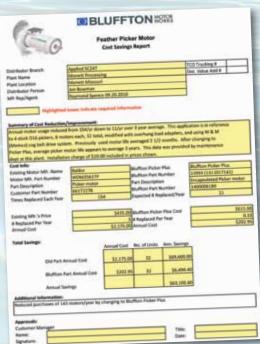
# General Purpose Washdown Motor

- Designed for long service life in general purpose washdown applications
- Extended service life that can save you \$10,000 – \$15,000 in downtime costs for motor replacement

#### **Built to Get Wet**

- Breather vent stabilizes internal pressure to keep moisture out
- Potted conduit box lead hole seals moisture out
- Includes a waterproof splice kit for added protection
- Exclusive VPI (Vacuum Pressure Impregnated) windings for optimal service life and performance

# Ask Us for a Comprehensive Cost of Motor Ownership Audit



Ask your Bluffton representative for a complimentary audit of your company's motor maintenance and replacement costs. This audit will show you how choosing the right motor can significantly reduce your downtime, replacement and maintenance costs with a performance-matched solution.



# **BLUFFTON**MOTOR WORKS

# Bluffton® Commercial & Industrial Motors

56, 48 and 36 frame motors Washdown motors Custom designed motors Explosion-proof motors

## Toledo™ Gearmotor Speed Reducers & Gearmotors

Right angle and parallel shaft

## **Component Products**

Steel lamination stampings Shaft manufacturing Custom gearing

#### **Services**

Application & design assistance
Performance testing
Engineered samples
Assistance in agency certification process
Inventory management/plant audits
Repair services

### **Typical Applications**

Air handling fans & blowers
Bottling

Car wash

Commercial ovens & dishwashers

Compressors

Conveyors

Cranes & lifts

Dental & medical devices

Food processing

Fuel and chemical processes

Gate & door operators

Grain handling & drying

Grinding

HVAC

Laundry

Packaging & material handling

Paint shakers & mixers

Pumps

Recreational

Refrigeration

- Top quality, reliable products
- On time, every time
- Competitive pricing

#### **Toledo Gearmotor,** A Bluffton

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