

56, 48 and 36 Frame Motors

- High quality motors deliver dependable performance
- Delivered on time, every time
- Frame sizes and horsepower for every application

Excellent Quality Engineered into Reliable Motors

- C-face, thru-bolt, rigid, or resilient base mounting
- Explosion proof or TEFC construction for operation in atmospheres of extreme dust, dirt or airborne abrasives
- Automatic or manual thermal protection depending on the application
- Permanently lubricated ball bearing construction
- Solid state or conventional mechanical starting switches
- Encapsulated windings in patented products for severe washdown applications



Any Equipment

Bluffton's motors are used by a wide range of industries in hundreds of applications

Bottling	Conveyors	Fuel processes	Laundry Packaging & material handling
Car wash equipment	Cranes & lifts	Gate & door operators	Paint shakers & mixers
Commercial ovens & dishwashers	Dental & medical devices	Grain handling & drying	Pumps
Compressors	Fans & blowers	Grinding	Refrigeration
	Food processing	HVAC	



Customized Motors

In addition to our standard designs, we also specialize in customized motors. Bluffton's engineers can provide suggestions to develop the best possible motor for your needs. We can review your specifications and provide feedback to enhance reliability. Over 60 years of developing and manufacturing motors have given us unique insights into ways of improving longevity and dependability.

Specifications	36 Frame	48 Frame	56 Frame
Voltage	115/230 Volt Single Phase 230 Volt Polyphase	115/230 Volt Single Phase 230/460 Volt Polyphase	115/230 Volt Single Phase 230/460 Volt Polyphase
Horsepower	1/20 – 1/2 HP	1/6 – 5 HP	1/6 – 5 HP
Overload Protection	Automatic Available	Automatic or Manual Available	Automatic or Manual Available
Bearings	Ball Bearing	Ball Bearing	Ball Bearing
Mountings	Rigid or Resilient Base Face Thru-Bolt	Rigid or Resilient Base C-Face Thru-Bolt	Rigid or Resilient Base C-Face Thru-Bolt
Time Ratings (at 40°C Ambient) (Higher Ambient Ratings Available)	Continuous or Intermittent Duty	Continuous or Intermittent Duty	Continuous Duty
Enclosure Types	Totally Enclosed Non Vent (TENV) Totally Enclosed Fan Cooled (TEFC) Totally Enclosed Air Over (TEAO) Open & Drip Proof Explosion Proof	Totally Enclosed Non Vent (TENV) Totally Enclosed Fan Cooled (TEFC) Totally Enclosed Air Over (TEAO) Open & Drip Proof Explosion Proof	Totally Enclosed Non Vent (TENV) Totally Enclosed Fan Cooled (TEFC) Totally Enclosed Air Over (TEAO) Open & Drip Proof Explosion Proof Washdown
Switch	Solid State or Relay	Solid State or Mechanical	Solid State or Mechanical
Starting	High Starting Torque Capacitor Start Normal Start Smooth Pull Up Torque	High Starting Torque Capacitor Start Normal Start Smooth Pull Up Torque	High Starting Torque Capacitor Start Normal Start Smooth Pull Up Torque
Colors	Many to Choose From	Many to Choose From	Many to Choose From



BLUFFTON MOTOR WORKS

Commercial & Industrial Motors

56, 48 and 36 Frame Motors
Washdown Motors
Custom Designed Motors
Explosion Proof Motors
Right Angle & Parallel Shaft Gearmotors

Component Products

Steel lamination stampings
Shaft manufacturing

Services

Application & design assistance
Performance testing
Engineered samples
Assistance in agency certification process
Inventory management
Plant audits

 Made in
the U.S.A.

Equipment Powered by Bluffton Motors

Air handling fans & blowers
Bottling
Car wash
Commercial ovens & dishwashers
Compressors
Conveyors
Cranes & lifts
Dental & medical devices
Food processing
Fuel processes
Gate & door operators
Grain handling & drying
Grinding
HVAC
Laundry
Packaging & material handling
Paint shakers & mixers
Pumps
Refrigeration

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

BLUFFTON MOTOR WORKS

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