

# Stainless Steel - Wash-down Duty Motors

## SSPE and SSPENV Series

Three-phase, premium efficient, IP69K rated, BISSC/BEAG certified motors offer protection against close-range, high-pressure, high-temperature spray downs

WorldWide Electric's range of Premium Efficient Stainless Steel Motors with an IP69K rating offer complete protection against close-range, high-pressure, high-temperature spray downs, making them ideal for food and chemical processing plants, pharmaceutical applications and other environments where corrosion-resistant, watertight motors are required.

They offer continuous duty and inverter duty at outputs, speeds, frequency, and voltage you would expect from a NEMA classified premium efficiency motor.

The unit is totally enclosed, and either non-ventilated or fan-cooled to offer complete protection, corrosion resistance, and durability. It is backed by industry-standard approvals and ratings and offers versatile installation options, such as a C-Face with feet or round-body models.

**NEMA**  
**Premium**



Premium Efficient Stainless Steel Motor  
TEFC Enclosure, C-Face with feet



Premium Efficient Stainless Steel Motor  
TENV Enclosure, C-Face with feet  
(Round Body Also Available)



Premium Efficient Stainless Steel Motor  
TEFC Enclosure, C-Face Round Body



## Quick Specs & Features

- Enclosure, Output, and Speed:
  - TEFC: 1/3 - 20 hp at 3600 and 1800 rpm
  - TEFC: 1/2 - 5 hp at 1200 rpm
  - TENV: 1/3 - 3 hp at 3600 and 1800 rpm
- Voltage: 230/460 Volts at 60 Hz
- Service Factor: 1.15 SF



**Responsive**  
Service & Technical Support



**Quality Products**  
Competitive Pricing



**In Stock Availability**  
Warehouses Nationwide



**Fast Shipping**  
Same-Day Available

## Technical Specifications

- Totally Enclosed Fan Cooled (TEFC) Enclosure
  - 1/3 to 20 hp, 3600 and 1800 rpm
  - 1/2 to 5 hp, 1200 rpm
- Totally Enclosed Non-ventilated (TENV) Enclosure
  - 1/3 to 3 hp, 3600 and 1800 rpm
- 230/460 Volts at 60 Hz
  - 190/380 Volts at 50 Hz, with 1.15 SF (Derate in hp)
- Continuous duty
- Inverter duty 10:1 Constant Torque (CT) / 20:1 Variable Torque (VT)
- Premium efficiency
- Bi-directional rotation

## Product Features

- C-Face with feet and round body (footless)
- NEMA Design B
- 304 stainless steel frame, end bracket, junction box, and hardware
- Stainless steel shaft and key
- F1 mounting configuration
- Lip seal on DE and ODE
- Round welded junction box with epoxy potted leads
- Double sealed bearings pre-packed with Mobil Polyrex EM grease

## Protection & Environmental

- Class F insulation with Class B temperature rise
- CSA Class 1 Division 2 Groups A, B, C, D Temperature Code T2B
- Ambient - 20 °C to +40 °C, altitude up to 3300 ft above sea level (FASL)
- BISSC and BEAG Certified
- IP69K protection
- In accordance with NEMA, CSA, UL, and CE

## Additional Stainless Steel Wash-down Duty Motors

WorldWide offer Fractional HP Stainless Steel Motors in 1/3 – 2 hp, 3600 & 1800 rpm with C-Face and feet, or round body TEFC Enclosures as well as Premium efficient close coupled pump motors suitable for installations utilizing a mechanical seal.

Call us or visit [worldwideelectric.com](http://worldwideelectric.com) to find a motor that meets your needs.



WorldWide Electric Corporation is a leading manufacturer of electric motors, motor controls, gear reducers, and generators. Offering fast, often same-day, shipping from seven regional US warehouses, WorldWide Electric takes pride in providing a competitive edge to our customers by responding to their requirements with urgency, technical expertise, and professionalism.

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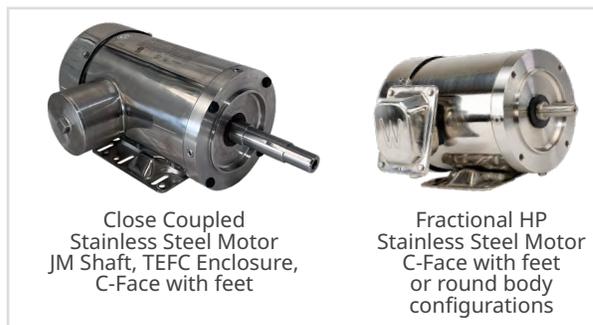
## Model Number Selection

### Sample Part Number: SSPE7.5-36-215TC

Each model number contains the product family, horsepower, rpm, and frame size. Ratings for hp with a decimal will carry a decimal to the model number, i.e. 7.5 hp becomes **SSPE7.5-12-215-TC**. Ratings for hp listed in fractions will drop the slash, i.e. 1/3 hp becomes **SSPE13-18-56C**. Ratings for rpm are divided by 100.

*‡ Not all combinations indicated by this table are possible. Please contact us or visit [shop.worldwideelectric.com](http://shop.worldwideelectric.com) for more information on availability.*

Product Family	HP	RPM	Frame Size	Frame Suffix
SSPE (TEFC)	1/3	3600	56	C
	1/2	1800	143	CRD
SSPENV (TENV)	3/4	1200	145	TC
	1		182	TCRD
	1.5		184	
	2		213	
	3		215	
	5		254	
	7.5		256	
	10			
	15			
	20			



Close Coupled Stainless Steel Motor  
JM Shaft, TEFC Enclosure,  
C-Face with feet

Fractional HP Stainless Steel Motor  
C-Face with feet  
or round body configurations