

# Stainless Steel - Premium Efficiency Motors

## SSPE-JM Series

Three-phase, close-coupled pump motors suitable for installations utilizing a mechanical seal and offering protection against 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.

The SSPE-JM series 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, fan-cooled to offer complete protection, corrosion resistance, and durability. It is backed by industry-standard approvals and ratings.

**NEMA**  
**Premium**



### Quick Specs & Features

- Output: 1 - 20 hp
- Speed: 3600 and 1800 rpm
- Voltage: 230/460 Volts at 60 Hz
- Service Factor: 1.15 SF
- Enclosure: Totally Enclosed Fan Cooled (TEFC)



**Responsive**  
Service & Technical Support



**Quality Products**  
Competitive Pricing



**In Stock Availability**  
Warehouses Nationwide



**Fast Shipping**  
Same-Day Available

## Technical Specifications

- Continuous duty
- Inverter duty 10:1 Constant Torque (CT) / 20:1 Variable Torque (VT)
- Bi-directional rotation

## Product Features

- C-Face with feet
- NEMA Design B
- 304 stainless steel frame, end bracket, junction box, and hardware
- Encapsulated Windings
- Stainless steel JM 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 Premium Efficient Stainless Steel Wash-down Motors

WorldWide Electric's range of Premium Efficient Stainless Steel Motors also include totally enclosed non-ventilated (TENV) or fan-cooled (TEFC) units. They offer C-Face with feet or round-body models ranging from 1/3 - 20 hp, 3600, 1800 and 1200 rpm, in 56 to 256 frame sizes.



## Model Number Selection

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

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 **SSPE7.5-36-215JM**. 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.*

HP	RPM	Frame Size	Frame Suffix
1	3600	143	JM
1.5	1800	145	
2		182	
3		184	
5		213	
7.5		215	
10		254	
15		256	
20			



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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