

SSE Stainless Super-E

BALDOR[®]

Washdown Duty Motors

SSE Washdown Duty Features

BALDOR

- **Premium-Efficiency**
- **Designed for use in the most corrosive and caustic applications subjected to frequent high-pressure sanitizing.**
- **Available 0.5 HP thru 10 HP, C-Face with base and 0.5 HP thru 2 HP, C-Face without base. NEMA 56C thru 215TC.**



SSE Washdown Duty Features

BALDOR

SSE™ Washdown Duty Motor Features

Conduit box is welded to the frame.

Silicon injected wire nuts shipped with motor.

Lipped and gasketed conduit box lid.

O-ring seals between endplates and frame. Machined drip grooves in endplates.

Laser etched motor data on top of motor housing. Plus, laser etched identification numbers on both sides.

Patented external shaft slinger and seal system.

Stainless steel shaft with epoxy coated rotor. Internal and external shaft seals.

Double-sealed ball bearings.



Feature/Benefit – SSE Washdown

BALDOR

- **All stainless steel construction including: housing, conduit box and cover, shaft, base, fan cover, and slinger.**
- **Premium external and internal bearing protection with patent-pending mechanical seals.**
- **Impervious to rust and deterioration caused by frequent high pressure caustic sanitizing.**
- **Prevents water, moisture and debris from entering the motor and around the shaft extension. Eliminates breakdown of grease, providing longer life.**

Feature/Benefit – SSE Washdown

BALDOR

- **Encapsulated windings and conduit box, utilizing Baldor's new E3 Effusion Epoxy Encapsulation process.**
- **Conduit box welded to the motor housing.**
- **New hydrophobic aspiration system eliminates condensation moisture in the motor.**
- **Prevents any moisture from reaching the windings, whether origination from ingress or condensation.**
- **Permanently seals the lead entrance to the conduit box.**
- **Eliminates the need for drains as used in conventional washdown duty motors. No need to move drains to the lowest point when mounting.**

Feature/Benefit – SSE Washdown

BALDOR

- **Super-E design with efficiency levels at or above NEMA Premium.**
- **“Inverter-ready” with Baldor ISR Inverter Spike Resistant magnet wire and insulation system makes motor inverter-Ready.**
- **Lowest cost of operation saves electricity in high production processing plants while providing reduced downtime, cooler operation and longer life.**
- **Allows operation with adjustable speed drives to further increase efficiency on fans, pumps, and in-process control applications. Combined with the new E3 encapsulation to reduce potential corona damage.**

Feature/Benefit – SSE Washdown

BALDOR

- **Complete nameplate data laser etched on the motor frame, identification numbers on both sides.**
- **UL and CSA approved, meets CE directives.**
- **No contamination can collect behind the data as on a motor having a bolt on nameplate. Allows easy identification regardless of the viewing position while mounted on machinery.**
- **Approved by UL E46145 and CSA LR2262 files. Complies with CE as well as RoHS and WEEE directives.**