

# SE E032 HW | Open/Close

Overview, Specifications, Dimensional Data, Materials of Construction, Wiring Diagrams

Max Air Electric™

Max-Air  
TECHNOLOGY

Rev: 06/21/22



Website

## SE E032 HW Series Open/Close



## Overview

The SE E032 HW Series are spring return, quarter-turn electric industrial service actuators delivering up to 3185 in-lbs torque in voltages ranging from 24VAC/VDC up through 230VAC, and are available in 2 position (Open/Close) control schemes. (2) Form C auxiliary switches and an internal anti-condensate heater are standard. Key features include:

- 24v models operate on AC or DC power supplies
- 120vac & 230vac models operate on 50 or 60 Hz supplies
- 3D Raised Position Indicator
- ISO5211 compliant mounting with double-square drive socket
- Spring CW (standard) fail-safe positioning
- Handwheel manual override
- IP68 standard

### Options

- Spring CCW fail-safe positioning
- Local Control Stations

## Specifications

|        |                                             | SETE032 HW                                           |
|--------|---------------------------------------------|------------------------------------------------------|
| Supply | Torque Output (in-lb / Nm)                  | 3185 in-lb / 360 Nm                                  |
| 24V    | Starting Current (A) DC/60Hz/50Hz           | 85 / 85 / 85                                         |
|        | Running Current (A) DC/60Hz/50Hz            | 8.6 / 10.3 / 10.4                                    |
|        | Speed (90°) sec @ rated load - DC/60Hz/50Hz | 24 / 24 / 23                                         |
|        | Speed (90°) sec @ spring return             | 8                                                    |
|        | Motor Power                                 | 130 Watts                                            |
|        | Duty Cycle                                  | 100% (EN 60034)<br>Class A (ISO 22153)               |
| 120V   | Starting Current (A) 60Hz/50Hz              | 5.2 / 5.4                                            |
|        | Running Current (A) 60Hz/50Hz               | 2.4 / 2.2                                            |
|        | Speed (90°) sec @ rated load - 60Hz/50Hz    | 22 / 27                                              |
|        | Speed (90°) sec @ spring return             | 24                                                   |
|        | Motor Power                                 | 130 Watts                                            |
|        | Duty Cycle                                  | 100% (EN 60034)<br>Class A (ISO 22153)               |
| 230V   | Starting Current (A) 60Hz/50Hz              | 2.4 / 2.5                                            |
|        | Running Current (A) 60Hz/50Hz               | 1.1 / 1                                              |
|        | Speed (90°) sec @ rated load - 60Hz/50Hz    | 22 / 27                                              |
|        | Speed (90°) sec @ spring return             | 23                                                   |
|        | Motor Power                                 | 130 Watts                                            |
|        | Duty Cycle                                  | 100% (EN 60034)<br>Class A (ISO 22153)               |
| ALL    | Environmental Rating                        | NEMA 4/4X & IP68                                     |
|        | Electrical Entry                            | 3/4" EMT x 2                                         |
|        | Control                                     | Open/Close                                           |
|        | Auxiliary Switch - End of Travel            | (2) Form C Volt-Free, Rated 10A @ 250vac, 5A @ 30VDC |
|        | Ambient Operating Range                     | -40°F ~149°F (-40°C~65°C)                            |
|        | Humidity Range                              | 0-95% RH                                             |
|        | Altitude Limit                              | 9850 ft / 3000 m                                     |
|        | Weight (kg / lbs)                           | 156 kg / 344#                                        |

\* Models weighing over 32 kg / 70lbs must be shipped by Truck

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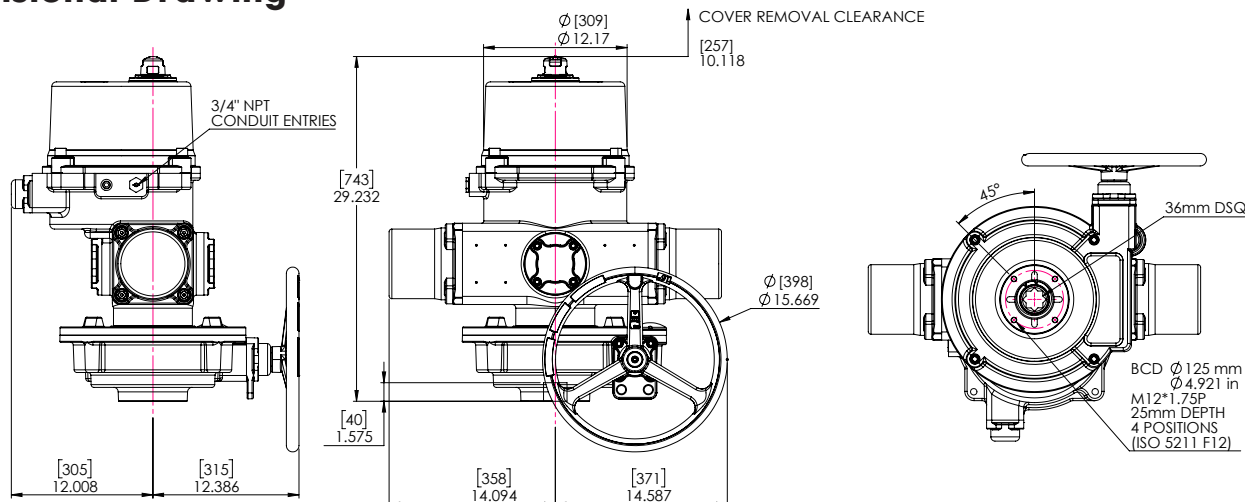
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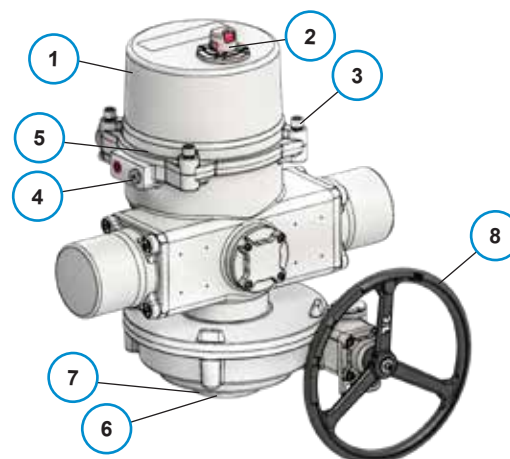


## Dimensional Drawing



## Materials of Construction

| # | DESCRIPTION        | MATERIALS                   |
|---|--------------------|-----------------------------|
| 1 | Actuator           | ADC3 Aluminum Alloy         |
| 2 | Indicator          | Transparent ABS             |
| 3 | Cover Screw (x4)   | SUS304                      |
| 4 | 2nd EMT Port Seal  | Polyamide                   |
| 5 | Cover Seal         | NBR O-Ring                  |
| 6 | ISO Mount Profiles | ADC3 Aluminum Alloy         |
| 7 | Output Socket      | FDC60 Graphite Iron         |
| 8 | Handwheel          | Epoxy Coated Aluminum Alloy |



## Wiring Diagrams

Typical wiring diagram shown.

Max-Air reserves the right to change specifications through a continuous-improvement program.  
Contact Max-Air for product specific wiring diagrams prior to engineering or installation efforts.

