



**Intelligent Electric Actuator Valve Actuation and  
Process Automation Solutions**

**Multitrac Technology and Product Range**



The Multitrac range provides Linear, Part-Turn and Multi-Turn versions across a large torque and thrust range. Non intrusive setup with control knob or IR input and variable speed output drive feature as standard.

A wide variety of options are available including

- explosion-proof
- additional programmable switchpac
- split control
- fieldbus
- double sealing

Like all Ontrac actuators it can be connected to both Smartrac for comprehensive data analysis and configuration and to our Ontrac Cloudtrac for remote download of actuator parameters and technical information.



- The Ontrac Multitrac electric actuator is a sophisticated yet simple and robust multi-turn actuator providing S2 or S4 modulation.

We use a Variable Frequency Drive in our actuator which allows for complete control of the valve with adjustable speed and torque.

- Valve Protection
- Accurate Torque delivery
- Flexible Commissioning
- Automatic phase correction

### ONTRAC FAMILY OF ACTUATORS



**Multitrac**



Linear



Multi-tum



Part-tum



**Easytrac**



Part-tum



Linear



Full-tum

Thrust/Torque

990 to 41595lbf

4.5 to 5975 ft-lb

80 to 368750 ft-lb

37 to 2212 ft-lb

0~900/0~1348lbf

≤ 37 ft-lb

Travel/Turns

2 to 15-3/4 in

Unlimited

5 to 360 degrees

5 to 95 degrees

1.58 in

20 turns

Speed

1.4 to 23 in/min

7 to 180 rpm

5 to 180 sec

11 to 102 sec

0.9 in/min

4 rpm

☐ Metric Units

☒ Click for US units

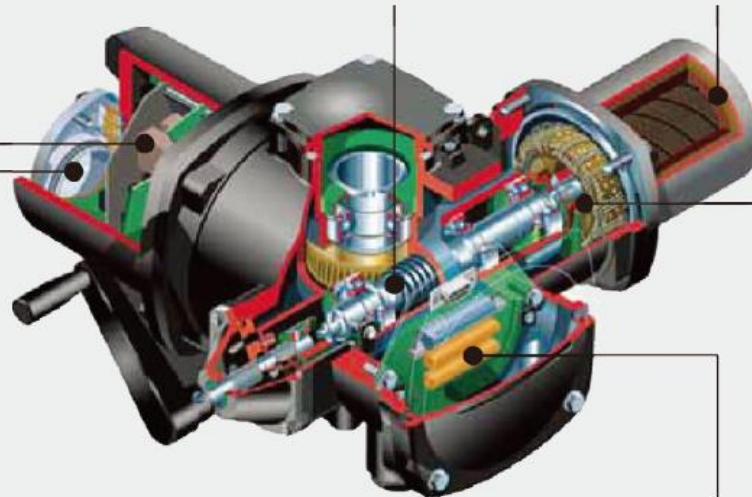


# ACTUATOR CUT AWAY

Advanced frequency converter and electronics technologies.

The gear unit provides high efficiency, maintenance free operation.

Motor in insulation class F. Measuring and monitoring of both current and temperature provide full protection.



Magnetic angle sensors for contactless position sensing.

Introduction of efficient Man-machine interface simplifies commissioning with user guidance.

Motor and control cables are connected by using screw-type terminals or PCB plug-interterminals to ensure reliable electrical contact. Double sealing is available.

# FRONT PANEL CONTROLS



- **Control Knob Setup**  
Utilizes local and remote switches
- **Infrared Controller**



The Ontrac remote setting tool enables the Multitrac actuator to be set up non intrusively via the front panel port. The arrow keys mimic the front panel control knob actions so allowing the same menu structure to be utilized.

# PRODUCT OVERVIEW

## 1. Valve protection

Ontrac actuator moves to its end position at a fixed low speed, therefore over-torque is avoided due to the low kinetic energy of motor and gears.

## 2. High torque when it matters

Moderate blockages pose no problem for Ontrac. By running at low speed with high torque, the actuator is able to overcome valve blockage without risk of valve damage.

## 3. Planning flexibility

Sometimes during the planning stage, it is good to have a little free play in terms of output speed and torque - some things look different on site. adjustable speed & torque offers many possibilities for process optimization at a later stage

## 4. Reduced spare-parts stock

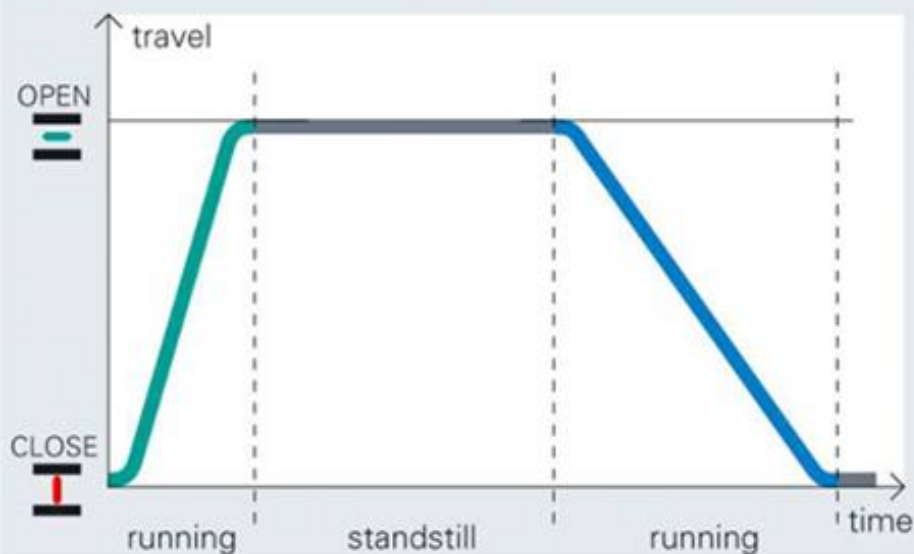
The ability to configurable speed and cut-off torque means that the whole actuator range can be covered by a small number of variants. This simplifies stock keeping of spare actuators and Components

## 5. Optimum position control

The positioner integrated in the Ontrac actuator utilizes the different speed control capability of the frequency converter: this means that large position changes result in high speed correction, whereas small deviations are adjusted more slowly.

## 6. Wide 3 phase power range: $\leq 500\text{VAC}$ , 550/660VAC

Different output speeds for OPEN and CLOSE direction – can be selected and programmed from available speeds.



# Products Data Sheet

| On-off MOE Actuators Specific Data     |             |                      |                   |                       |                        |                       |                        |
|----------------------------------------|-------------|----------------------|-------------------|-----------------------|------------------------|-----------------------|------------------------|
| Model                                  | Speed Group | Torque Range (ft-lb) | Speed Range (rpm) | Rated Power 380V (KW) | Rated Current 380V (A) | Rated Power 220V (KW) | Rated Current 220V (A) |
| MOE 706                                | M           | 18.4-36.9            | 14-35             | 0.24                  | 0.41                   | 0.24                  | 1.21                   |
|                                        | R           | 7.4-18.4             | 37-95             | 0.5                   | 0.84                   | 0.5                   | 2.53                   |
|                                        |             |                      | 64-160            |                       |                        |                       |                        |
| MOE 708                                | S           | 4.4-11.0             | 72-180            | 0.5                   | 0.84                   | 0.5                   | 2.53                   |
|                                        | M           | 23.6-59.0            | 14-35             | 0.48                  | 0.81                   | 0.48                  | 2.42                   |
|                                        |             |                      | 37-95             |                       |                        |                       |                        |
| MOE 708                                | R           | 14.8-36.9            | 64-160            | 1.0                   | 1.69                   | 1.0                   | 5.05                   |
|                                        | S           | 8.9-22.1             | 72-180            | 1.0                   | 1.69                   | 1.0                   | 5.05                   |
|                                        | MOE 712     | M                    | 44.3-110.7        | 14-35                 | 0.85                   | 1.43                  | 0.85                   |
| R                                      |             | 29.5-73.8            | 37-95             | 1.76                  | 2.97                   | 1.76                  | 8.89                   |
|                                        |             | 26.6-66.4            | 64-160            |                       |                        |                       |                        |
| MOE 712                                | S           | 17.7-44.3            | 72-180            | 1.76                  | 2.97                   | 1.76                  | 8.89                   |
|                                        | M           | 88.5-221.3           | 14-35             | 1.71                  | 2.89                   | 1.71                  | 11.10                  |
|                                        |             |                      | 37-95             |                       |                        |                       |                        |
| MOE 725                                | R           | 59.0-147.5           | 56-140            | 3.52                  | 5.94                   | 3.52                  | 20.00                  |
|                                        | S           | 36.9-92.2            | 72-180            | 3.52                  | 5.94                   | 3.52                  | 20.00                  |
|                                        | MOE 750     | M                    | 177-442.5         | 14-35                 | 2.72                   | 4.59                  | /                      |
| R                                      |             | 88.5-221.3           | 37-95             | 4.10                  | 6.92                   | 4.10                  | 26.62                  |
|                                        |             |                      | 56-140            |                       |                        |                       |                        |
| MOE 750                                | P           | 118-295              | 29-72             | 4.10                  | 6.92                   | 4.10                  | 26.62                  |
|                                        | M           | 295-737.5            | 13-32             | 6.7                   | 11.31                  | /                     | /                      |
|                                        |             |                      | 37-95             |                       |                        |                       |                        |
| MOE 790                                | R           | 147.5-368.8          | 62-156            | 11.0                  | 18.57                  | /                     | /                      |
|                                        | 162.3-383.5 |                      |                   |                       |                        |                       |                        |
|                                        | P           | 236-590              | 24-60             | 11.0                  | 18.57                  | /                     | /                      |
| MOE 790L                               | RL          | 206.5-516.3          | 37-95             | 14.70                 | 24.82                  | /                     | /                      |
|                                        |             | 171.1-427.8          | 62-156            |                       |                        |                       |                        |
|                                        | PL          | 295-737.5            | 24-60             | 14.70                 | 24.82                  | /                     | /                      |
| Modulating MME Actuators Specific Data |             |                      |                   |                       |                        |                       |                        |
| Model                                  |             | Torque Range (ft-lb) | Speed Range(rpm)  | Rated Power 380V (KW) | Rated Current 380V (A) | Rated Power 220V (KW) | Rated Current 220V (A) |
| MME 806                                |             | 14.8-36.9            | 14-35             | 0.24                  | 0.41                   | 0.24                  | 1.21                   |
| MME 808                                |             | 23.6-59              | 14-35             | 0.48                  | 0.81                   | 0.48                  | 2.42                   |
| MME 812                                |             | 44.3-110.6           | 14-35             | 0.85                  | 1.43                   | 0.85                  | 4.29                   |
| MME 825                                |             | 88.5-221.3           | 14-35             | 1.71                  | 2.89                   | 1.71                  | 11.10                  |
| MME 850                                |             | 117-442.5            | 14-35             | 2.72                  | 4.59                   | /                     | /                      |
| MME 890                                |             | 295-737.5            | 13-32             | 6.7                   | 11.31                  | /                     | /                      |

- 1.With the addition of secondary gearboxes much higher torques can be achieved
- 2.Modulating torque is 50% of rated torque

## OUR STORY

The **Ontrac company** traces its roots back to Hartmann & Braun where our story started. A successful actuation company, they were acquired by Asea Brown Boveri (**ABB**) in 1999. The following year, ABB launched the **Ontrac** product range.

In 2011 **ABB** Automation Product GmbH completed the transfer of its **Ontrac** advanced technology actuator product line to **Ontrac**, a now independent company.

**Ontrac** has now grown to become an international supplier of a range of high specification electric actuators.

With **Ontrac** Corporate headquarters in California and Sales & Service offices around the globe we are ideally placed to serve our customers.

The **Ontrac** product range has an unrivalled feature set suitable for applications across the whole market

## CLOUDTRAC

Scan the code below for more information.



MTSHO-US-2026 A

### Our Locations



### Email Us

[sales@ontracactuators.com](mailto:sales@ontracactuators.com)

### Corporate Office

Irvine, California, US

### Sales Office

#### North America:

Raleigh, North Carolina, US

Phone: +1 919-607-3407

#### Asia Pacific:

Shanghai, China

Phone: +86 21 5032 3029