



ELECTRIC ACTUATORS

*ball valves, butterfly valves and
damperlerin on-off veya oransal kontrolü*



Electric Actuators

TREA40 Electric Actuators Standard Features

General Features

- Specifically designed for ball valve, butterfly valve and dampers control.
- Long lasting, light and compact design
- Electrostatic powder coated aluminium body
- Easy installation (ISO5211 standard)
- Manual Control with handwheel
- 2 pieces output limit switches
- Valve position indicator
- 85-265 VAC or 24 VDC voltage

On-Off Electric Actuator (TREA 40)

Body	: Aluminium injection, electrostatic powder coated
Torque Output Value	: 40 Nm
Body Enclosure	: IP65 (On request IP67)
Hand Control Unit	: It is on the actuator body and make on/off
Supply Voltage	: 85-265 V AC ve 24 V DC
Supply power :	: 7.2 Watt, 0.3 A @24 VDC : 7.6 Watt, 30 mA @230 VAC
Open-Close Time	: 14 sn (90° turn)
Motor	: 24 V DC motor
Environment Temperature	: -20 °C ... 60 °C
Cable Connection Entry	: 0.5x11C - 1 meter assembled cable
Valve Connection Flange	: F03/F05 (ISO5211)
Limit Switches	: 2x Open/Close SPDT, Max 250VAC 3A
Auxiliary Limit Switches	: 2x Open/Close SPDT, Max 250VAC 3A

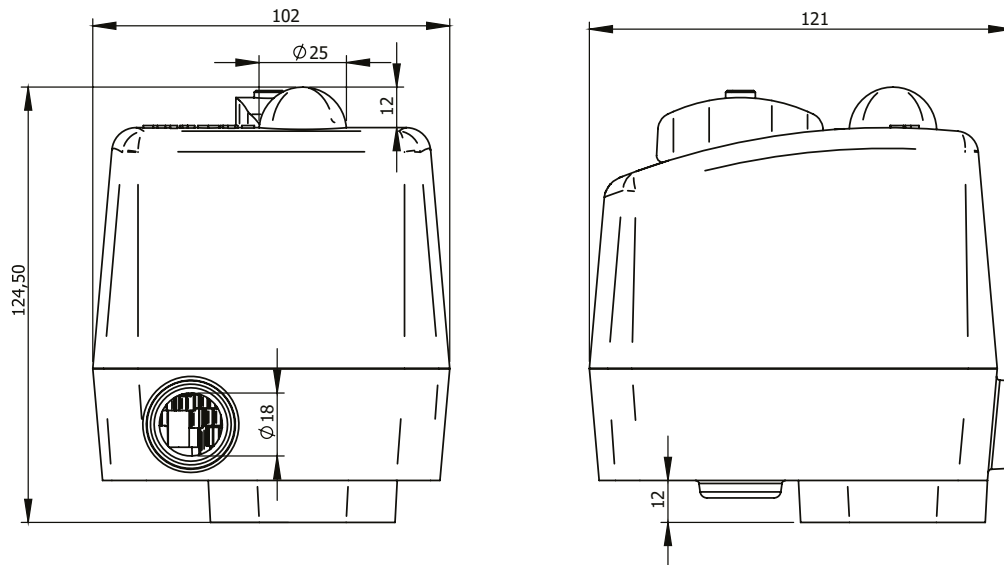


TREA 40

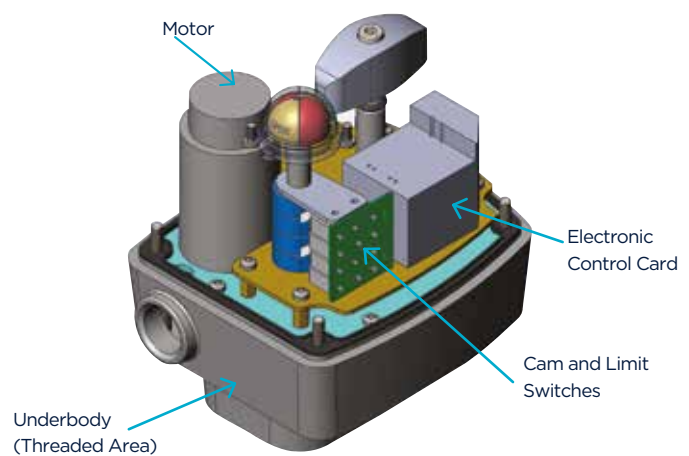
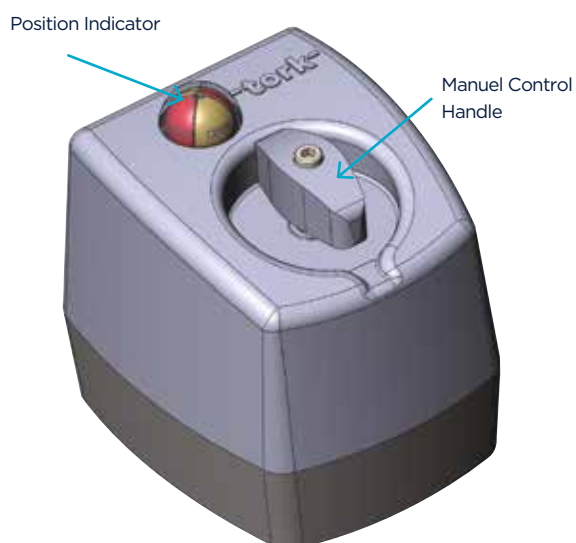


Electric Actuators

Sizes



Product and Piece Pictures



Electric Actuators

TREA60 and TREA80 Electric Actuator Standard Features

General Features

- Specifically designed for ball valve, butterfly valve and dampers control.
- Electrostatic powder coated aluminium body
- IP68 or ATEX options
- Easy installation (ISO5211 standard)
- Manual control with handwheel
- 2 pieces output limit switches
- Automatic exit from manual mode with motor energization
- 2 Watt interior heater
- Valve position indicator
- Long lasting
- Working Rate: S2: % 100 max. 30 min. (110 Volt or 230 Volt AC Motor)
S4: %70, 1000 Start/Hour (24 Volt DC Motor)

Optional Features

- Proportional flow control with PCU card
- On Open/Close models 230 VAC or 24 VDC supply voltage
on proportional models 85-265 VAC or 24 VDC supply voltage
- IP 68 (10mt 72 hour)
- ATEX (Zone 1, Zone 2)

On-Off and Proportional Electric Actuator

Body	: Aluminium injection, electrostatic powder coated If ATEX, TEXN829 E/P BRIGHT Black Special Painted
Torque Output Value	: 60 Nm and 80 Nm
Body Enclosure	: IP67 IP68 (10 m (10 m depth 72 hour) Suitable for ATEX (Ex II 2G Ex IIC T4 Gb) ZONE 1 and
Handle Control Unit	: On actuator body and for open / close.
Supply Voltage	: 230 V AC or 24 V DC
Open Close Time	: 14- 16 sec
Motor	: AC Reversible motor or DC brushed motor
Limit Switches	: 2x Open/Close SPDT, Max 250VAC 5A
Auxiliary Limit Switches	: 2x Open/Close SPDT, Max 250VAC 5A
Environment Temperature	: -20 °C ... 60 °C
Cable Connection Entrance	: M20x1.5 Coupling
Valve Connection Flange	: F03/F05/F07 (ISO5211)
Optional	: 0/4-20 mA, 0/2-10 mA, 0/1-5 VDC ve 0/2-10 VDC control or proportional control with feedback signals
Valve output shaft material	: Delta protect coated manufacturing steel as standart; on request stainless steel

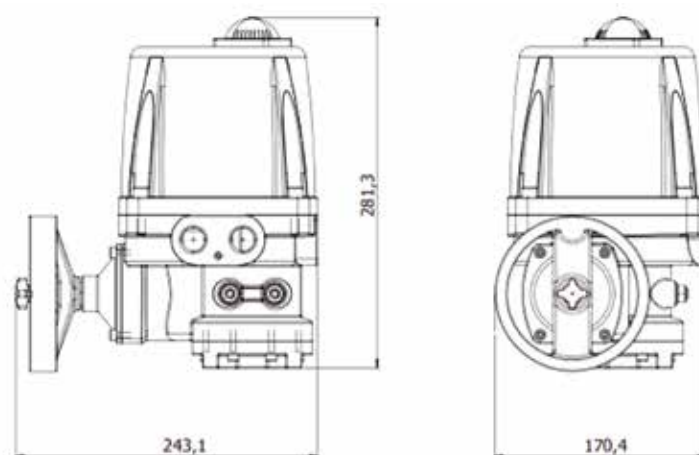


Valve Type/ Order No	Type	Supply Voltage	TORK Value (Nm)	Power consumption (Watt)	Current (Amper)	Weight (kg)
TREA0060	"On-Off / Proportional"	24 VDC	60	84	3,5	7,2
TREA0060	"On-Off / Proportional"	230 VAC 50/60Hz	60	69	0,3	7,2
TREA0080	"On-Off / Proportional"	24 VDC	80	89	3,7	7,2
TREA0080	"On-Off / Proportional"	230 VAC 50/60Hz	80	108	0,47	7,2

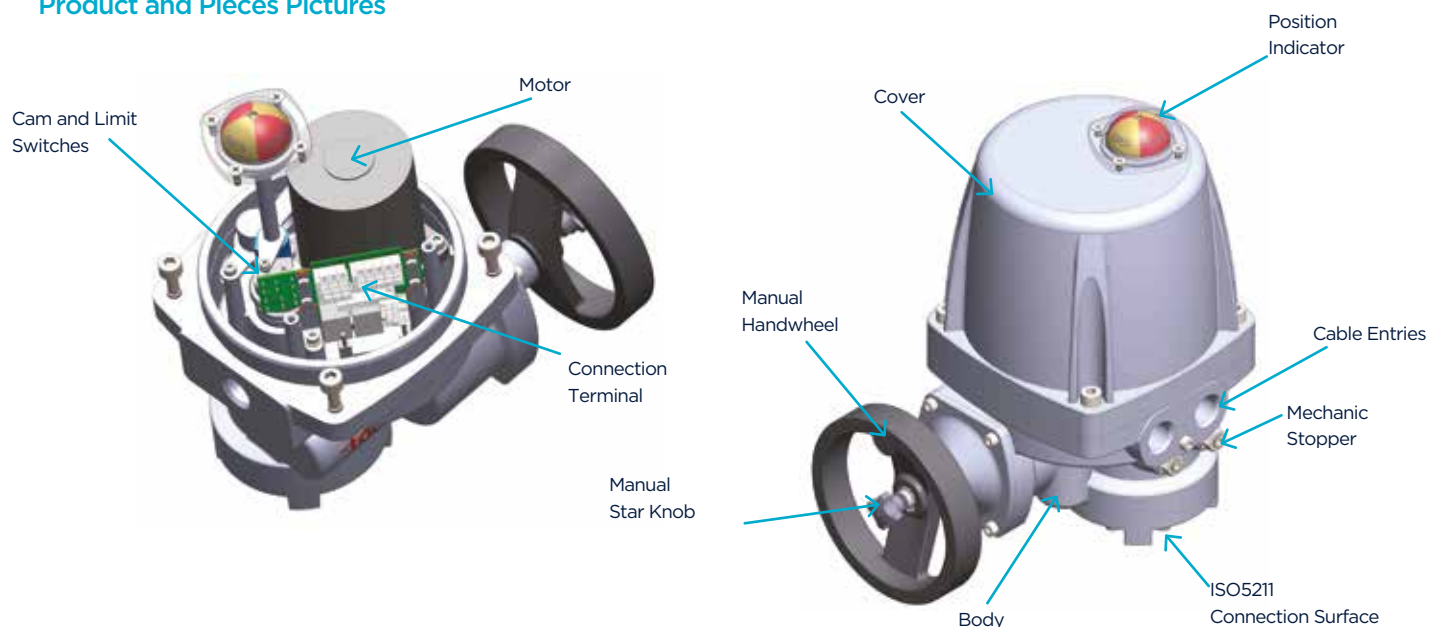
Electric Actuators



Sizes



Product and Pieces Pictures



Electric Actuators

TREAE60 Elektrik Actuator Standard Features

General Features

- Specifically designed for ball valve, butterfly valve and dampers control.
- Long lasting and economic structure
- Easy installation (ISO5211 standard)
- Manuel control with handwheel
- 2 piece output limit switches
- Valve position indicator

Optional Features

- TREAE60 için 100-240 V AC or 24 V DC/AC option

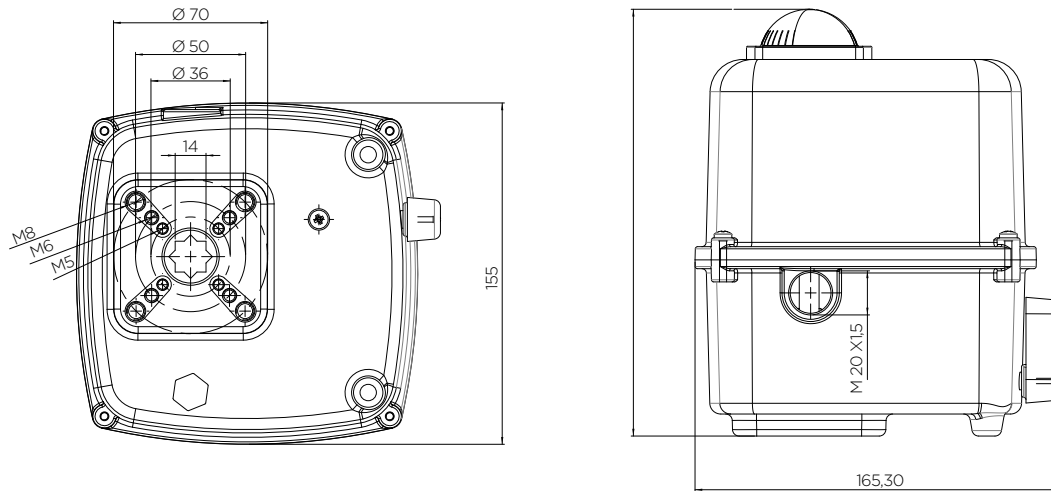
On-Off Electric Actuator

Body	: Plastic injection
Torque Output Value	: 60 Nm
Body Enclosure	: IP65
Handle Control Unit	: It is near the actuator body and make opening / closing
Supply Voltage	: 100-240 V AC or 24 V DC/AC
Power	: 20 Watt, 0.85 A @24 VDC : 20.7 Watt, 90 mA @230 VAC
Open Close Time	: 14 sn
Motor	: DC brushed motor
Limit Switches	: 2x Open/Close SPDT, Max 250VAC 3A
Auxiliary Limit Switches	: 2x Open/Close SPDT, Max 250VAC 3A
Environment Temperature	: -20 °C ... 60 °C
Cable Connection Entrance	: M20x1.5 coupling
Valve Connection Flange	: F03/F05/F07 (ISO5211)



Electric Actuators

Sizes



Product and Pieces Pictures

