

ALFA

ELECTRICAL ACTUATORS
V30V50V80V100V140

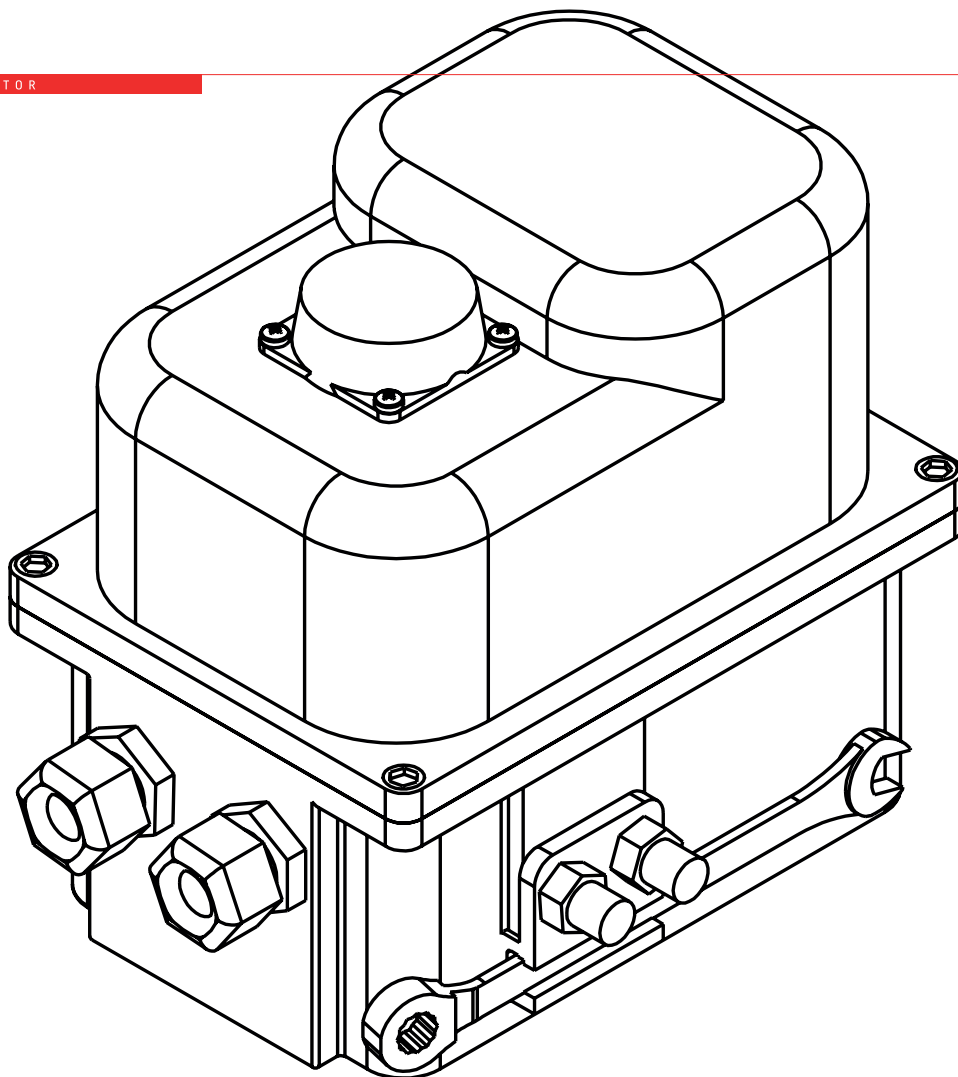


STAR
VALVE

starvalve.com

ELECTRICAL ACTUATORS

V30V50V80V100V140



ALFA SERIES
QUARTER
TURN
POLYAMIDE
BODY
ELECTRIC
ACTUATORS

ALFA series electric actuators, quarter turn electric actuators for direct mounting to butterfly valves, ball valves, plug valves, dampers and flaps. This series of actuators, with their compact and lightweight structure, provide excellent resistance to harsh corrosive conditions thanks to its thermoplastic body.

Electric actuators of Alfa series offering five different torque options as 30Nm, 50Nm, 80Nm, 100Nm and 140Nm which enable them to be used safely in various industries including chemical, iron and steel, paper, mining and shipbuilding industries, namely in water and wastewater treatment plants.



STAR VALVE

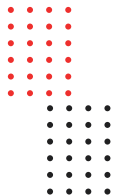
ALFA SERIES ELECTRICAL ACTUATOR

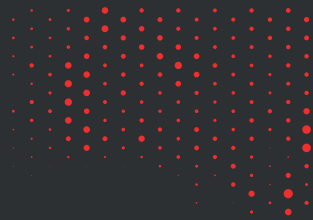
ALFA SERIES
ELECTRICAL
ACTUATOR

V30 V50 V80
V100 V140



NEW GENERATION VALVE INDUSTRY





STARVALVE

ALFA SERIE ELECTRICAL ACTUATOR

**PRODUCT
TECHNOLOGY**

**TECHNICAL
ADVANTAGES**



NEW GENERATION VALVE INDUSTRY



Mechanically strong polyamide body fortified with glass fiber

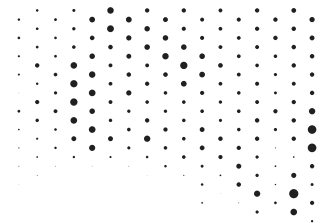
Easy opening / closing manually by means of ratcheting wrench in case of power failure,

Faster opening / closing compared to standard actuators,

IP67 protection class (Optionally IP68)

Compatibility with ISO5211 top flange standard for direct valve mounting,

On / Off mechanical position indicator.



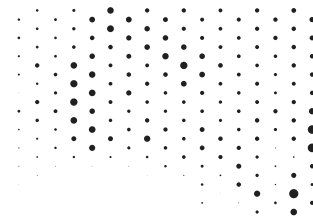
STARVALVE
ALFASERIEELECTRICALACTUATOR

PRODUCT
TECHNOLOGY
TECHNICAL
DATA



Torque options	30Nm, 50Nm, 80Nm, 100Nm, 140Nm
Power supply	220V AC, 24V DC, 24V AC, 24V AC/DC
Motor	Squirrel Cage Asynchronous Motor 220V AC/ 24V DC/ 24V AC , 1 ph, Class A, S2
Service Limit Switches	Open/Close 2 × (SPDT 250V AC 10A)
Auxiliary Limit Switches	Open/Close 2 × (SPDT 250V AC 10A)
Working angle - Standard (on request)	0-90° , (0-180° , 0-270° , 0-360°)
Thermal protection	Internal Thermal Protection, Open 120 ° C ± 5 °, Indoor 97 ° C ± 5 °
Position indicator	Continuous Position Indicator
Manual control	Open / Close with Ratcheting Wrench
Self locking	Position fixing with double gear locking system when power supply is cut
Cable entry	2 Pcs M16

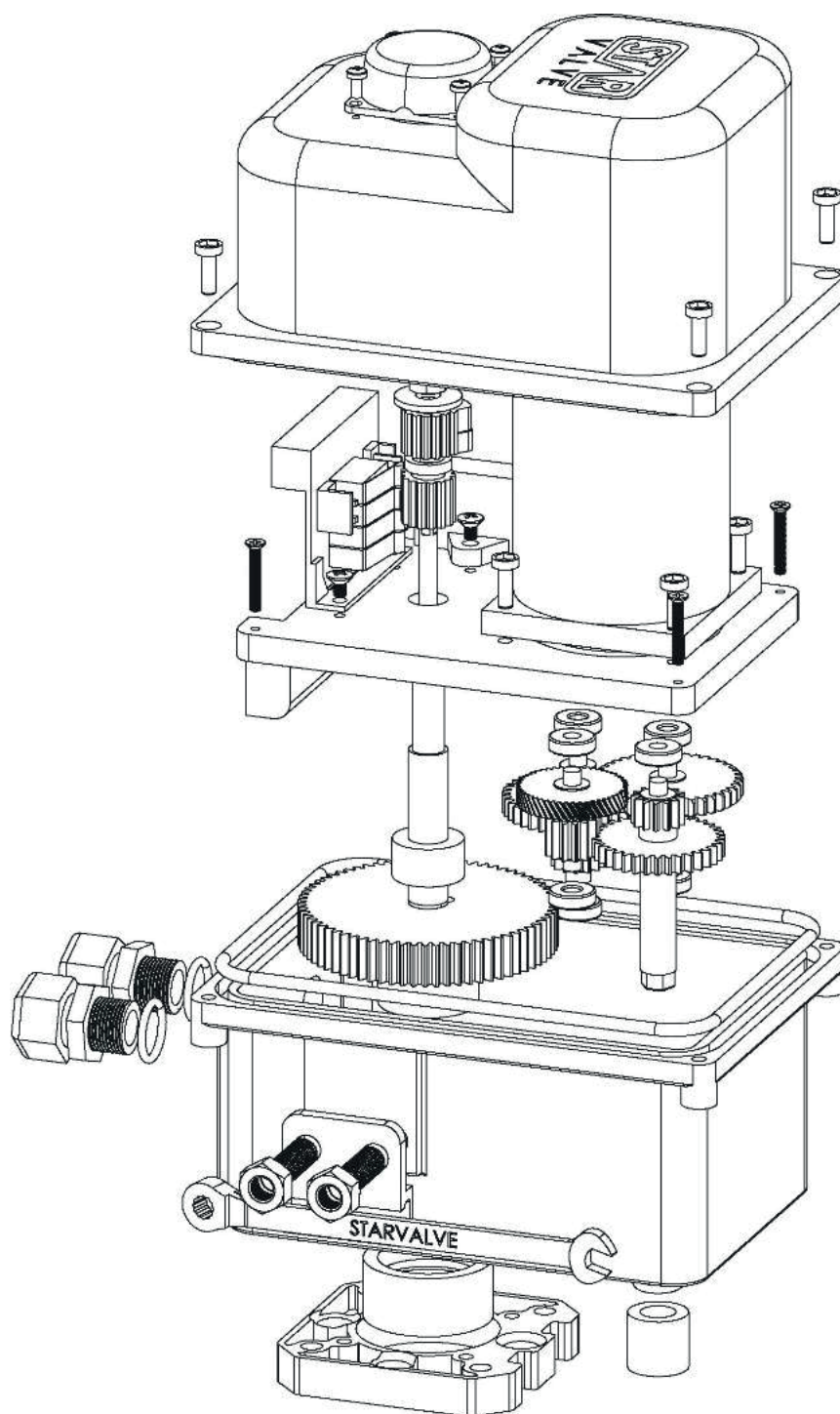




STARVALVE
ALFASERIEELECTRICALACTUATOR

PRODUCT TECHNOLOGY

OPTIONAL FEATURES



OPTIONAL FEATURES

IP68 protection class

0-180°, 0-270°, 0-360° working angle options

Plug-in electrical connection (DIN 43650 Solenoid Connector)

Heater

Upper part of the case can be produced in different colors upon demand

Possibility to use as 24 AC and DC

STARVALVE
ALFA SERIE ELECTRICAL ACTUATOR

STRONG BRAND OF THE VALVE INDUSTRY



NEW GENERATION VALVE INDUSTRY



STARVALVE

ALFASERIESELECTRICALACTUATOR

APPLICATION AREA

TRANSPORTATION



OIL&GAS INDUSTRY



BEVERAGE&FOOD



PLANTING INDUSTRY



IRRIGATION



POWER GENERATION



CHEMICAL PROSESS



WATER TREATMENT



MARINE



MINING INDUSTRY



ENERGY INDUSTRY

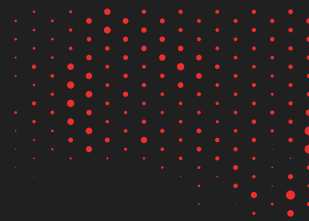
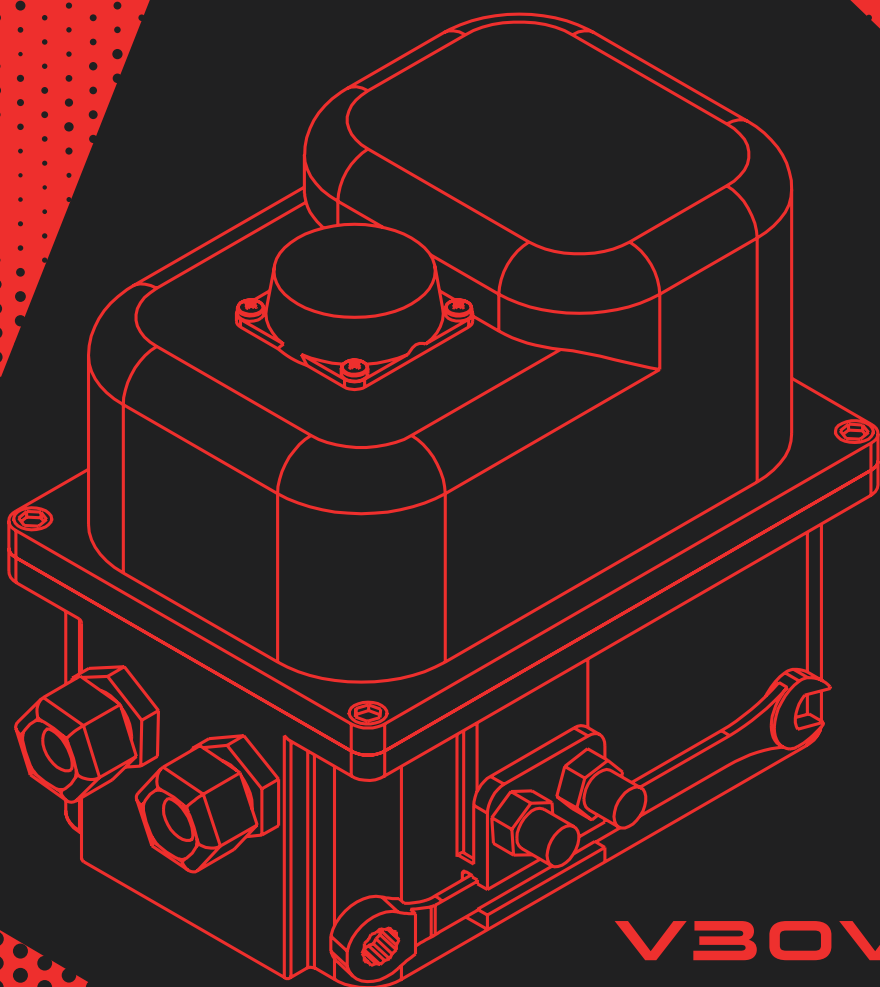


PULP&PAPER



STEEL INDUSTRY





STARVALVE

ALFA SERIE ELECTRICAL ACTUATOR

**TECHNICAL
SPECIFICATION**

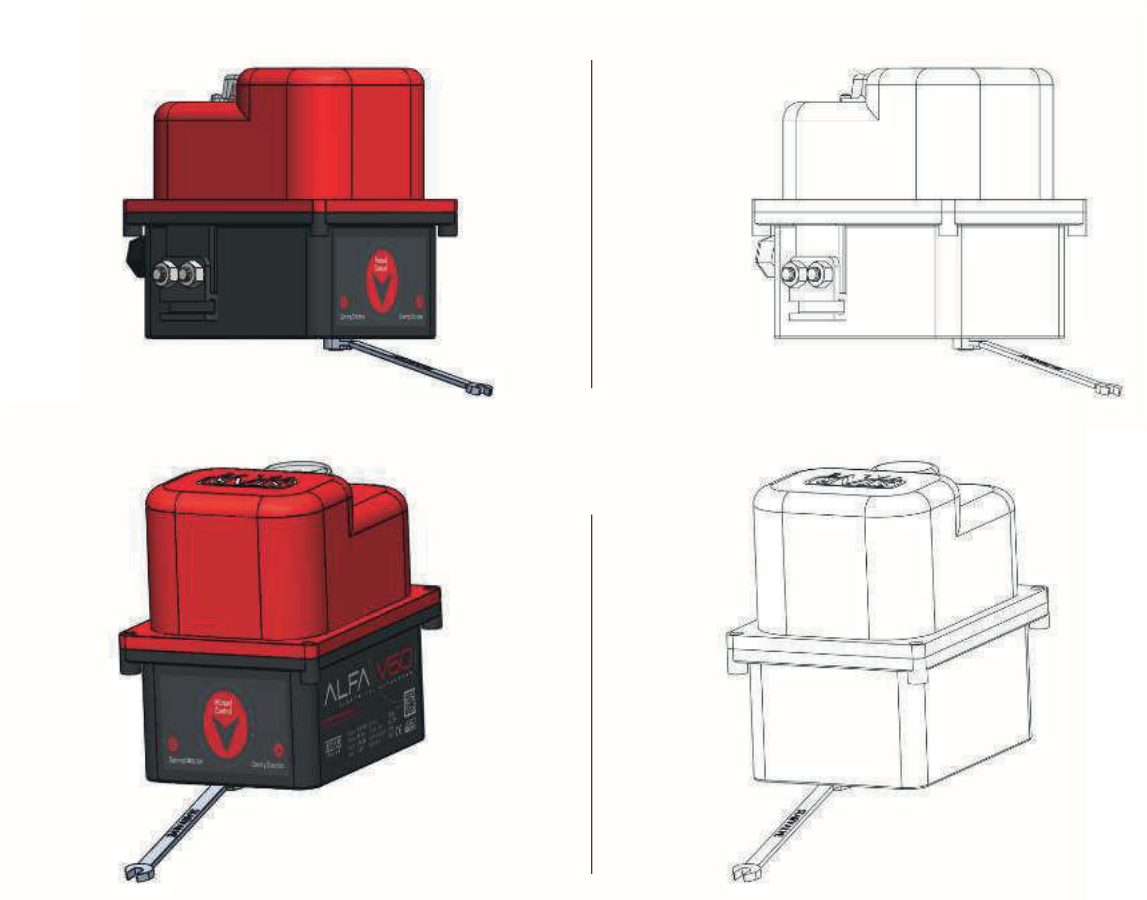
**V30 V50 V80
V100 V140**

TECHNICAL
SPECIFICATION
PERFORMANCE
PARAMETERS

MODEL	MAX. OUTPUT TORQUE (NM)	WORKING TIME 90 ° S	ISO 5211 TOP FLANGE			POWER (W)		RATED CURRENT (A)	
			TYPE	PCD	SQUARE	24V DC	220V AC	24V DC	220V AC
ALFA - 30	30	9	F03/F05	36/50	11X11	10	6	1.20	0.25
ALFA - 50	50	13	F05/F07	50/70	14X14	10	6	1.20	0.25
ALFA - 80	80	13	F05/F07	50/70	14X14	10	10	1.80	0.25
ALFA - 100	100	13	F05/F07	50/70	14X14	15	10	1.80	0.30
ALFA - 140	140	13	F05/F07	50/70	14X14	15	10	1.80	0.30

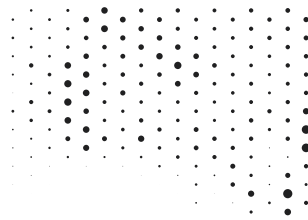
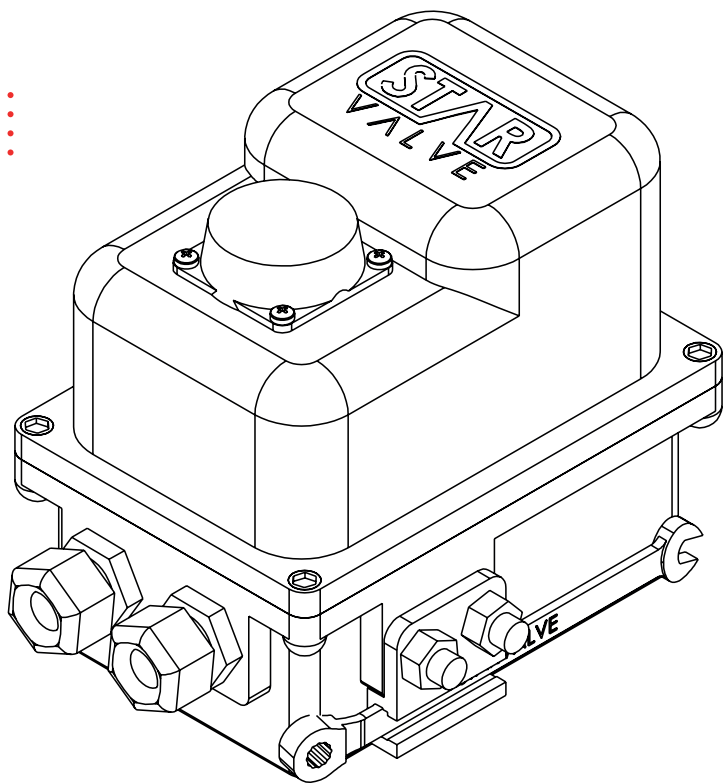
Manual Control

First, cut off the electricity supply, then you can perform manual opening / closing by following the directions specified on the label to close or open the valve with the help of the ratchet combination wrench on the actuator.



1. Cut off the electricity supply
2. Take the ratchet combination wrench from the slot on the actuator
3. Follow the opening/ closing directions on the label on the actuator



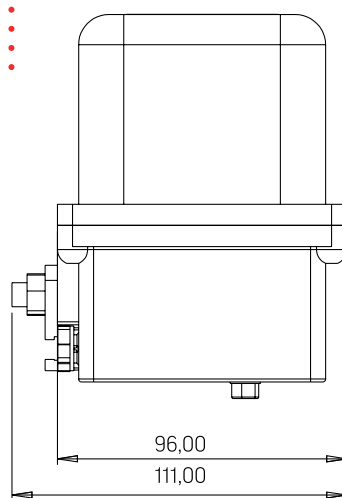
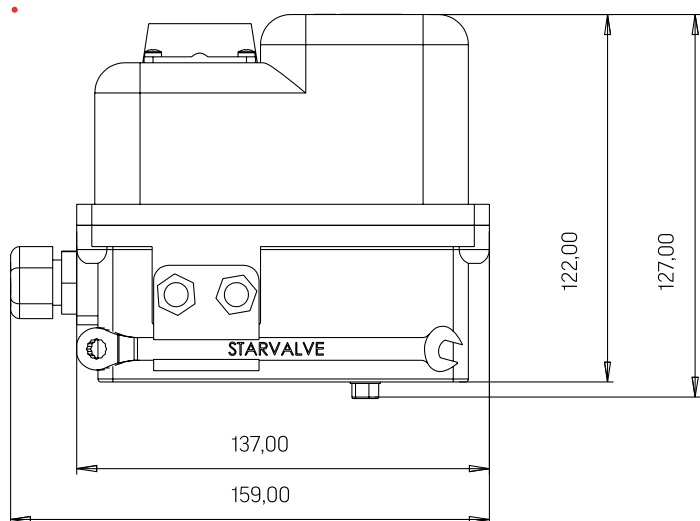


STARVALVE
ALFASERIEELECTRICALACTUATOR

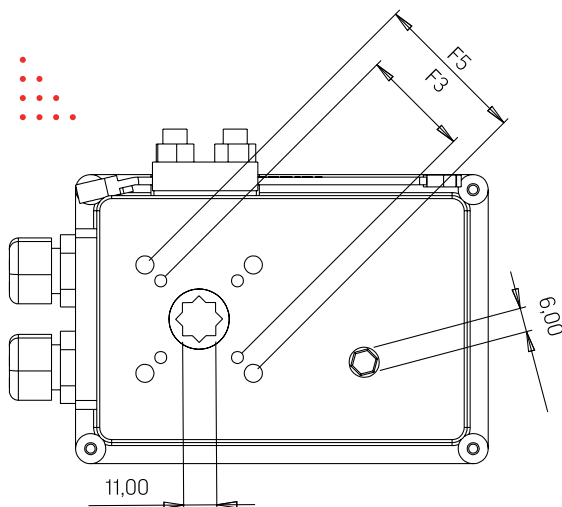
DIMENSIONS

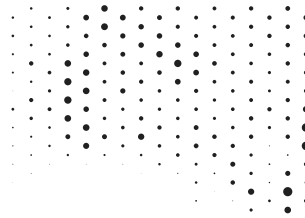
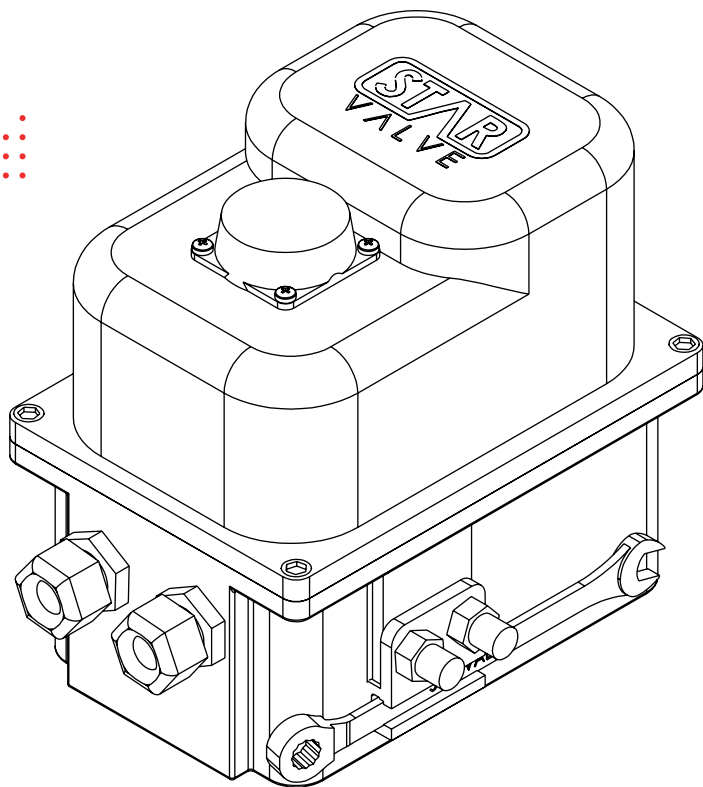
30 NM
POLIAMID
BODY
ELECTRIC
ACTUATORS

V30



NEW GENERATION VALVE INDUSTRY



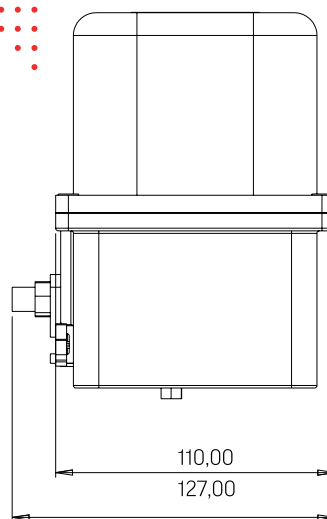
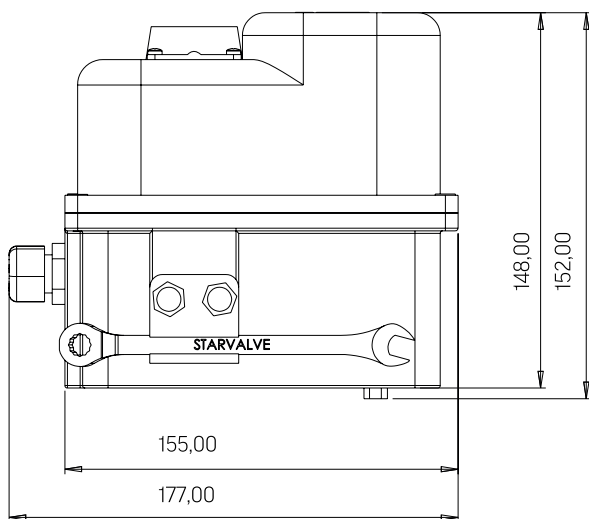


STARVALVE
ALFASERIEELECTRICALLACTUATOR

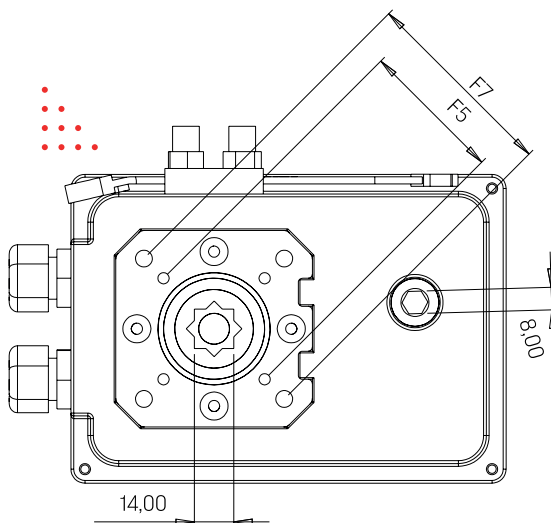
DIMENSIONS

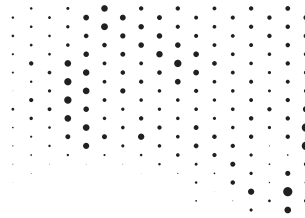
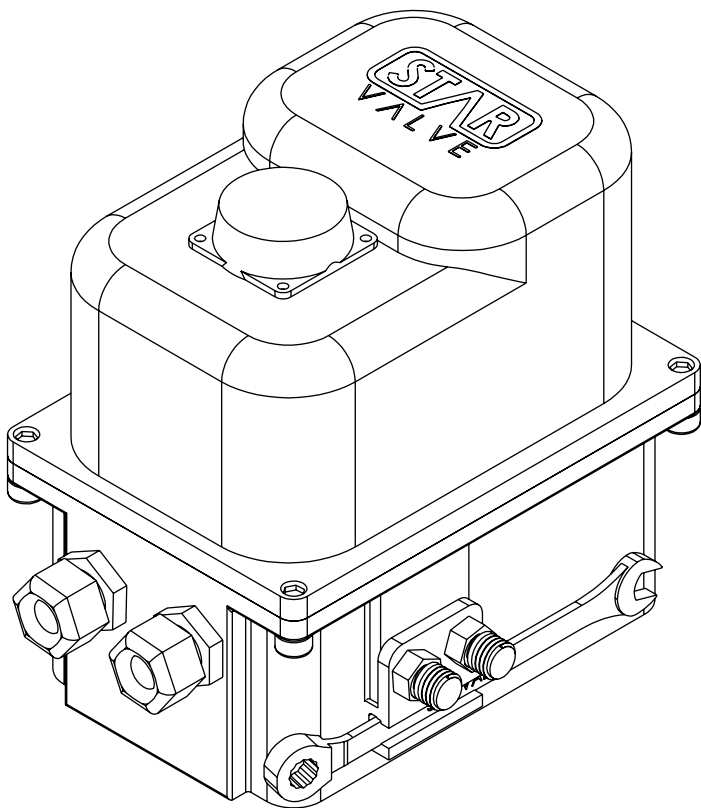
50-80NM
POLIAMID
BODY
ELECTRIC
ACTUATORS

V50
V80



NEW GENERATION VALVE INDUSTRY



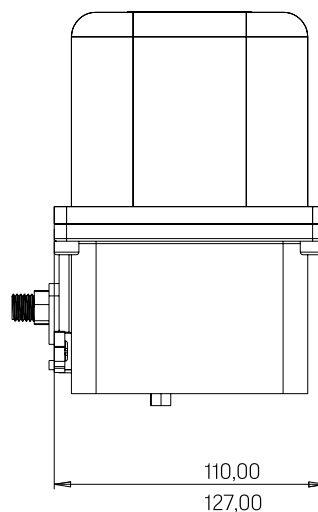
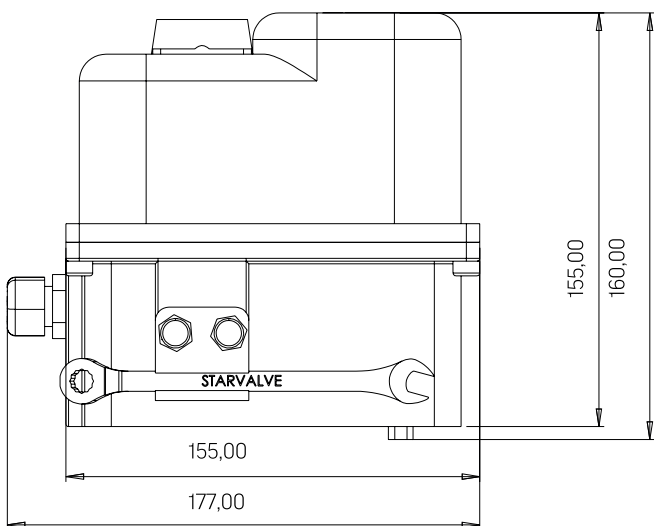


STARVALVE
ALFASERIEELECTRICALACTUATOR

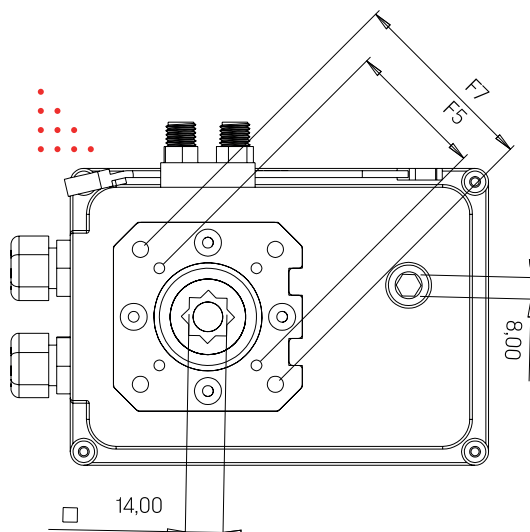
DIMENSIONS

100-140NM
POLIAMID
BODY
ELECTRIC
ACTUATORS

V100
V140

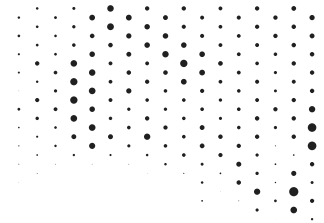


NEW GENERATION VALVE INDUSTRY



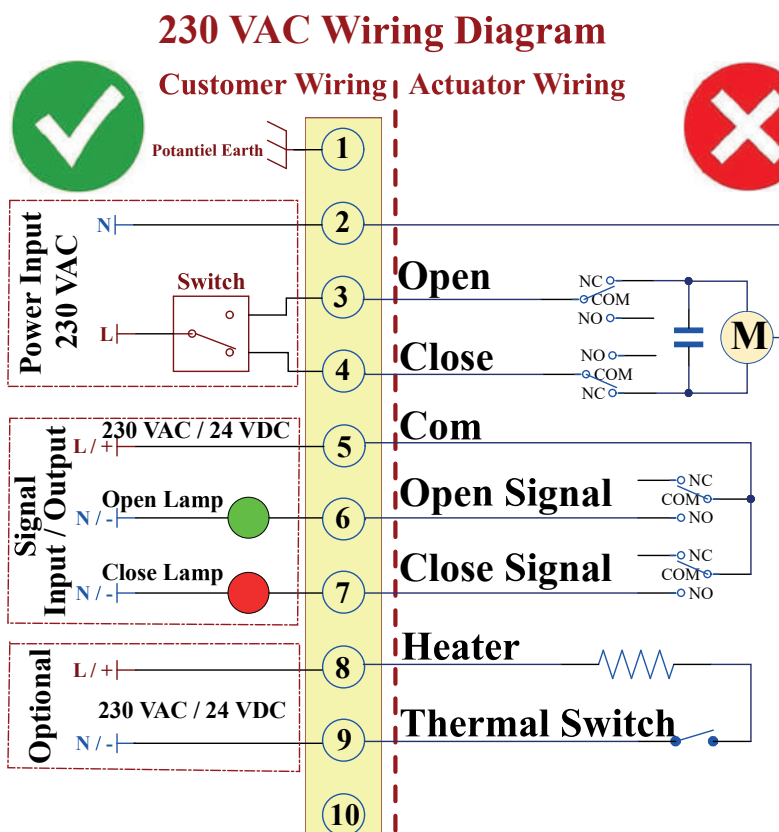
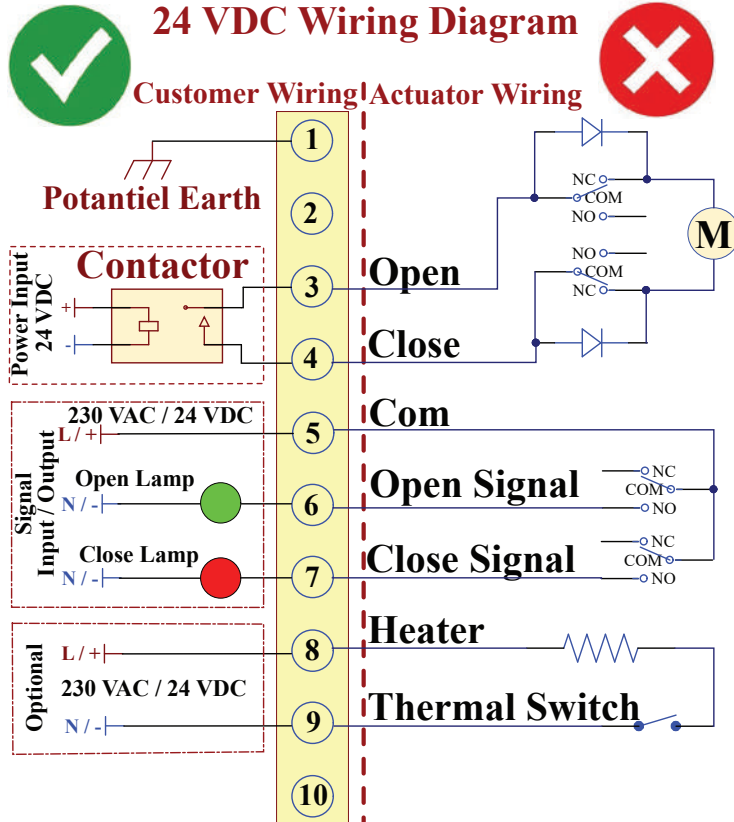


**24V DC SUPPLY
ON/OFF CONTROLLED**
ALFA-30/ALFA-50/ALFA-80/
ALFA-100/ALFA-140



STARVALVE
ALFASERIEELECTRICALACTUATOR

WIRING DIAGRAM



**220V AC SUPPLY
ON/OFF CONTROLLED**
ALFA-30/ALFA-50/ALFA-80/
ALFA-100/ALFA-140

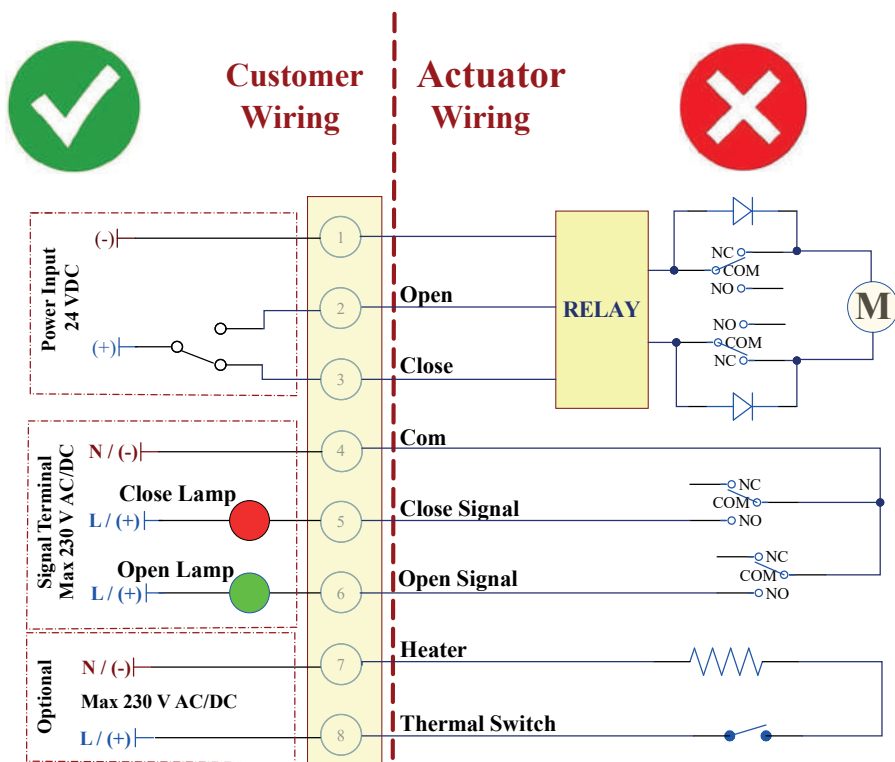


24V DC-3W SUPPLY
ON/OFF CONTROLLED
ALFA-30/ALFA-50/ALFA-80/
ALFA-100/ALFA-140

STARVALVE
ALFASERIESELECTRICALACTUATOR

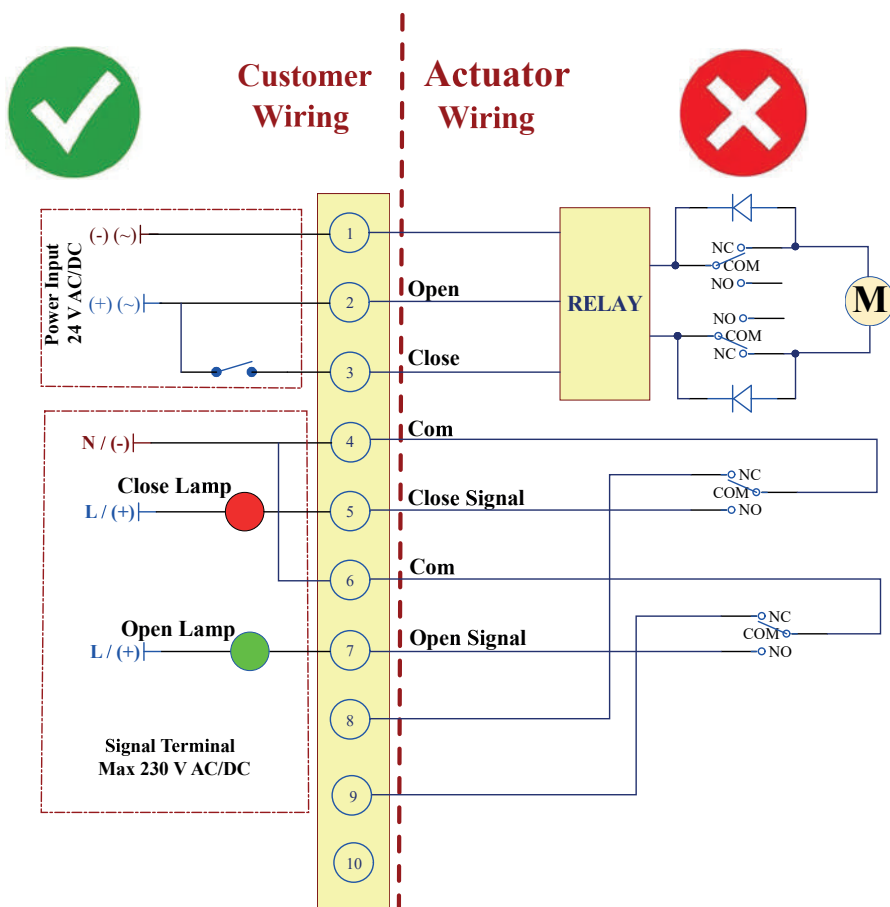
WIRING DIAGRAM

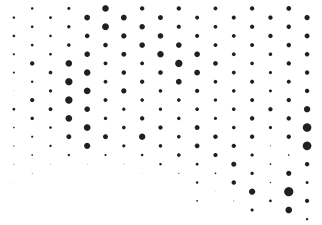
24 VDC 3 WIRE ELECTRIC ACTUATOR



24 V AC/DC 3 WIRE ELECTRIC ACTUATOR

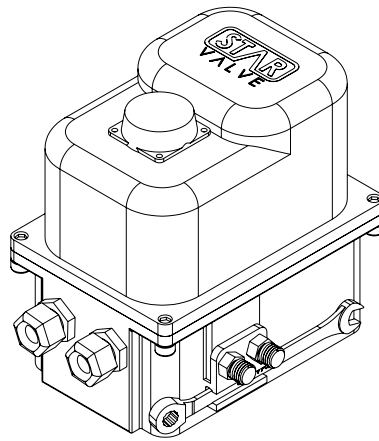
24V AC/DC-3W SUPPLY
ON/OFF CONTROLLED
ALFA-30/ALFA-50/ALFA-80/
ALFA-100/ALFA-140



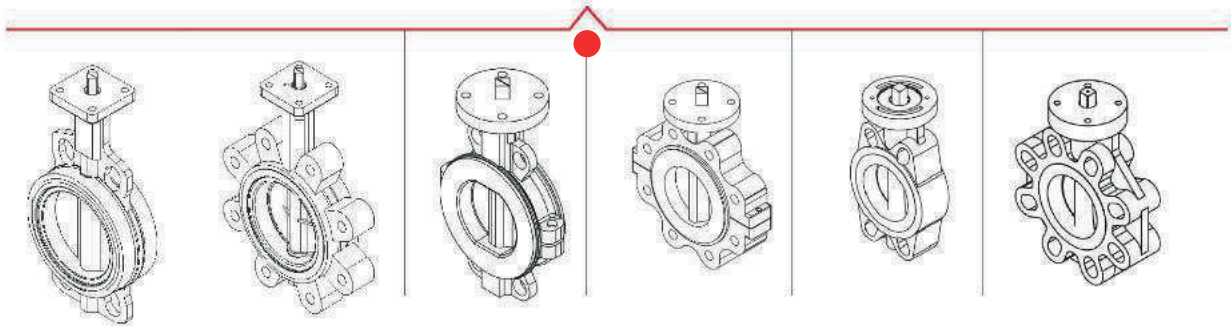


STARVALVE
ALFASERIEELECTRICALACTUATOR

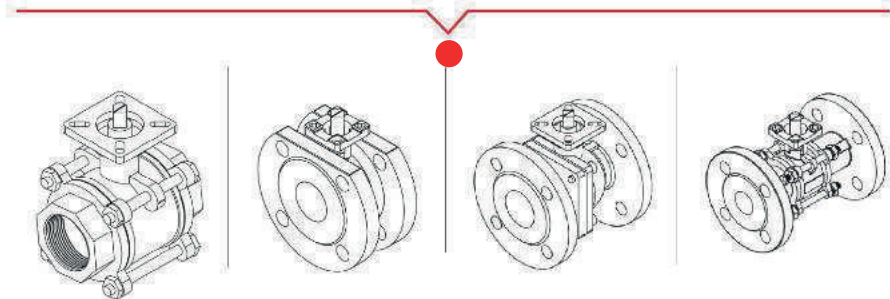
ALFA
SERIES
ELECTRICAL
ACTUATOR



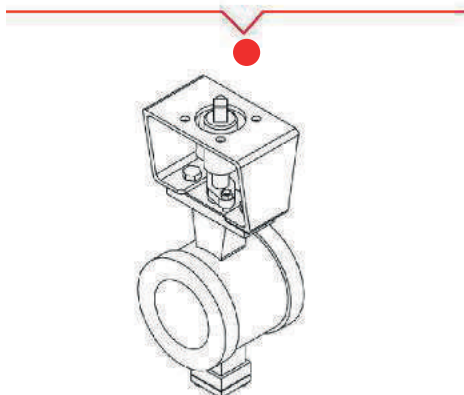
Butterfly Valves



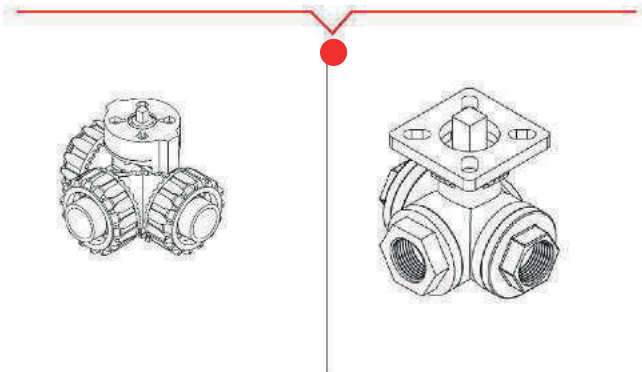
Ball Valves

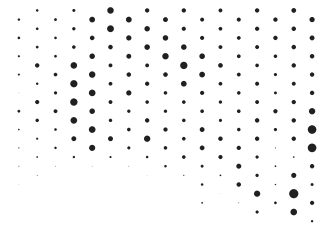


Segment Ball Valves



Three-way Ball Valves

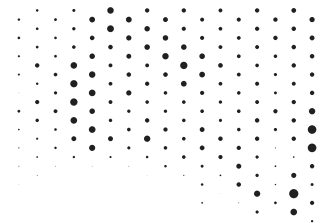




STARVALVE
ALFA SERIE ELECTRICAL ACTUATOR

ALFA
SERIES
ELECTRICAL
ACTUATOR





STARVALVE
ALFASERIEELECTRICALLACTUATOR

ALFA SERIES ELECTRICAL ACTUATOR



ALFA

ELECTRICAL ACTUATORS

● **STARVALVE PROSES VANALARI VE
AKTÜATÖR TEKNOLOJİSİ SAN.VE TİC. A.Ş.**

🏠 Kocaeli Kobi OSB,
Köseler Mah. 3. Cad. No: 3
Dilovası / KOCAELİ / TÜRKİYE

☎ +90 216 593 20 33 / +90 216 593 20 34 (Fax)

✉ satis@starvalve.com.tr
www.starvalve.com.tr

STAR
VALVE

starvalve.com