



BUSCH

MOBITORQ

MOBILE ELECTRIC ACTUATORS





MOBITORQ

ADAPTABLE, EFFICIENT, INDEPENDENT



MOBITORQ accu

Battery operated gate valve actuator

Technical Data

- degree of protection: IP20
- protection class: III
- torque adjustable: (potentiometer): 5-500 Nm
- torque settings: 60 levels
(4 gears with 15 setting levels each)
- speed: 0-152 rpm
- weight: 7.3 kg (without accessories)
- tool holder: square 1 inch
- charger voltage: battery 220-240 V/50-60 Hz
- battery pack voltage: 18 V
- battery pack capacity: 6.0 Ah

Product features

- independent due to 2 battery packs
- stepless speed control
- revolution counter with digital display

Delivery (standard)

- MOBITORQ accu ready for use
- transport case with wheels
- 2 battery packs 18 V/6.0 Ah
- 1 battery charger 230 V
- actuator stem
- telescopic drive rod 500-800 mm
- coupling sleeve square 27/30 mm
- pusher
- hex screwdriver

Delivery (complete)

- In addition to the MOBITORQ battery basic set:
- coupling sleeve 12/14 mm
 - universal handwheel claw with 5 driving elements
 - drive rod, short 500 Nm
 - short adapter 230 Nm



MOBITORQ electric

Gate valve rotator with electric actuator

Technical Data

- degree of protection: IP20
- protection class: I
- power consumption: 2400 W
- torque adjustable: (potentiometer): 40-180 Nm
- torque max. overload clutch: 220Nm
- speed: 61 U/min
- weight: 6,5 kg
- tool holder: square ¾ inch
- voltage: 230V
- frequency: 50Hz or 60Hz
- PRCD circuit breaker according to DVGW GW661

Product features

- torque limitation
- counter for spindle revolutions
- thermal protection switch as overload protection
- independent through self-sufficiency with power generator (accessories)

Delivery (standard)

- MOBITORQ electric with PRCD circuit breaker
- transport case with wheels
- drive stand for safe operation
- telescopic drive rod 800-1200 mm with end-position damper
- coupling sleeve square 12/14 + 27/30 mm
- pusher
- hex screwdriver

Delivery (complete)

- In addition to the MOBITORQ electric basic set:
- coupling sleeve square 14/17, 19/22, 24/27mm
 - coupling sleeve drive shaft 16, 20, 30 mm
 - drive rod, short 230 Nm with end-position damper

MOBITORQ FOR THE OPERATION OF PENSTOCKS OF ALL KINDS



MOBITORQ accu complete set



MOBITORQ electric complete set

OPERATING RELIABILITY AND COST CERTAINTY THROUGH REGULAR MAINTENANCE

Penstocks and valves must always function perfectly. Periodic actuation is therefore the best insurance against damage or additional costs due to premature replacement.

INSPECTION WORK MADE EASY

The actuation of seized or rarely actuated valves is frequently a challenge for employees. Electrical or battery operated gate valve rotators can be used flexibly and cover all kinds of different operating requirements.

MOBITORQ accu 550 IN USE



MOBITORQ electric IN USE





MOBITORQ

Accessories

MOBITORQ accu

Battery operated gate valve actuator

Inverter for motor vehicle

- for connecting the charger

Handwheel claw

- universal with 5 driving elements
- on request for rising spindle up to 300 mm
- 5 driving elements (each 38 mm long)
- 5 driving elements (each 58 mm long)

Attachment for surface hydrants

- 70 mm connection

Battery pack

- 18V, 6.0Ah

Operating rods

- telescopic in different lengths
- on request with ball joint

Coupling sleeve

- Ø 16 mm, 20 mm, 25 mm, 30 mm, 40 mm
- VK 12/14 mm, 14/17 mm, 17/20 mm, 19/22 mm, 24/27 mm, 27/30 mm, 30/32 mm
- 17x17 mm, 20x20 mm, 22x22 mm
- short adapter for mounting the coupling sleeves

MOBITORQ electric

Gate valve rotator with electric actuator

Power generator

- 3kVA or 6,4kVA
- on chassis 230V / 50 Hz
- with insulation monitor according to DVGW GW661

Handwheel claw

- universal with 5 driving elements
- on request for rising spindle up to 300 mm
- 5 driving elements (each 38 mm long)
- 5 driving elements (each 58 mm long)

Protection distributor with PRCD-S

- rated voltage: 230V/50Hz
- rated current: 16A
- rated differential current: 30mA
- degree of protection: IP55

Isolating transformer

- mobile isolating transformer in solid rubber case
- 2500 VA, 230V/230V

Railing support

- height adjustable for floor or railing

Coupling sleeve

- Ø 16 mm, 20 mm, 25 mm, 30 mm, 40 mm
- VK 12/14 mm, 14/17 mm, 17/20 mm, 19/22 mm, 24/27 mm, 27/30 mm
- 17x17 mm, 20x20 mm, 22x22 mm

Operating rods

- telescopic in different lengths
- on request with ball joint

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