



REact 60

# REact

## Series

REact 60E-030
REact 60E-045
REact 60E-090
REact 60E-170
REact 60 DC

### Electric actuator for control and shut/off valves with brushless 24 VDC motor technology (REdrive)

- 3-point step control
- Separate force and limit switches for both directions
- Four speed settings as standard | DC
- Low height due to adaption spindle
- Protection rating IP 65
- Valve position indicator
- Manual hand wheel
- Electrical connections via plug/socket connectors
- CE marking

### Options:

- Power pack, input: 90-264 V 50/60 Hz | DC
- Heater
- Speeds individually pre-settable | DC
- Potentiometer
- Position indicator, 2 or 3-wire
- REpos positioner with display
- Bus system (Profibus DP, CANopen)
- Process controller integrated in cover
- Hydraulic system for fail-safe control

## Technical data

Type	REact 60 E				REact 60 DC			
<b>Operating force</b>	6,0 kN							
<b>Stroke</b>	max. 60 mm							
<b>Speed</b>	0,3 mm/s	0,45 mm/s	0,9 mm/s	1,7 mm/s	0,2 mm/s	0,3 mm/s	0,45 mm/s	0,9 mm/s
<b>Power draw</b>	27 VA	46 VA	46 VA	79 VA	11,5 W	12,5 W	18 W	27 W
<b>Motor voltage</b>	24 VAC, 115 V, 230 V, 50/60 Hz				24 VDC			
<b>Isolation class</b>	B							
<b>Motor rating standard</b>	S1 100%	S1 100%	S1 100%	S3 50%	S1 100%			
<b>Force switches</b>	2, directly wired							
<b>Limit switches</b>	2, directly wired							
<b>Additional limit switches</b>	2, rating 4 A, 250 V							
<b>Protection rating</b>	IP 65, DIN EN 60529							
<b>Ambient temperature</b>	-20 °C bis +70 °C*							
<b>Mounting position</b>	Any, except upside down							
<b>Gear lubricant</b>	Divinol Fett Central, NIGI grade 0							
<b>Cable glands</b>	4 x M 20							
<b>Weight</b>	6,7 kg							

\*If you use the power supply (NG2450) the max. ambient temperature is -10°C till +60°C

### Optional accessories

<b>Potentiometer</b>	max. 2	1 kΩ, 2 kΩ, 5 kΩ
<b>Position indicator</b>	REtrans4W, 3-wire	0(4) – 20 mA, 0(2) – 10 V
	REtrans2W, 2-wire	4 – 20 mA
<b>REpos / digital positioner with display</b>	REpos	
	Input	0(4) – 20 mA, 0(2) – 10 V
	Output	0(4) – 20 mA, 0 – (2)10 V
<b>REpos with bus system CAN-Open</b>		
<b>REpos /with Profibus DP</b>		
<b>Heater</b>	12-36 V – 3W/6W, 110-230V - 3 W / 6 W	
<b>Power pack</b>	Eingang: 90-264V 50/60Hz Ausgang: 24VDC	
<b>Process controller</b>	1-channel PID process controller	
<b>Supplementary equipment</b>	NRTL(Nationally Recognized Testing Laboratory)-Certification for USA & Canada	
	Sea air resistant variant	



Additional options on request

Data sheet under <https://www.rtk.de/en-us/Products/Actuators>