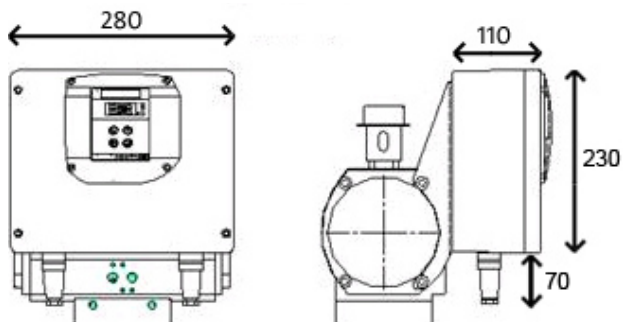


## Fail-Safe Hydraulic Power Pack, Positioner

Fail-Safe Electro/hydraulic Power Pack is suitable for single acting Spring Return (SR) actuators. In the event of power loss, the valve will automatically go to the fail-safe position by means of the spring force.



## Fail-Safe Hydraulic Power Pack, Positioner

### Power Pack QS-FSEH-PPCP, Control Positioner

Basic scope of supply includes a cabinet with hydraulic pump and fail-safe solenoid valve. Limit switch to shut down pump when valve reaches open/closed position. Build in Quick Stepper Positioner 3G-LT with external contactless feedback.

### Power Pack Operation

Power Pack Control Positioners works like an Electric Actuator with spring return. It operates with external electric power and internally with hydraulic oil. The oil will be pumped between the pistons (were you normally use air in a pneumatic actuator). In the system there is also a small tank/container to take care of the oil that is redundant.

### Features:

- Fail safe
- Oil level indication
- Oil pressure gauge
- Operation: 50% Duty service
- Power consumption: Max 250 Watt
- Power supply: Single phase 220 VAC 50Hz
- Quick connector for all electrical connections

### Technical information

Pump Pressure/Capacity:	Factory set to 10 Bar, 2.8L/min
Motor:	230VAC 50Hz, 150 W, single phase
Operating Temperature Range:	- 20°C to +50°C
Power consumption:	Max 250 Watt
Power supply:	Single phase 220 VAC 50Hz
Oil Type:	ExxonMobil DTE 24 or equivalent

### Options:

- Cooling fan
- Handwheel for manual override
- Heater with thermostat
- Limit switches for open/close indication
- Low oil level alarm
- Manual override buttons
- 2 Analog in
- 2Pcs digital inputs for logic control
- 2pcs digital outputs for logic control
- 4 Alarms with hysteresis and delay
- Built in PI-Controller
- Bus Communication. Multiple protocol support
- Control signal: 4-20MA DC 0-10 VDC, or 1-5 VDC
- Display for indication, configuration and manual override
- Feedback signal: 4-20MA DC Out
- GPRS communication
- Maintenance alert & statistic
- PosiForce™ to secure closed and/ or open position
- PosiRamp™ Controlled opening/closing in two zones
- PosiTight™ for ball & throttle valve, to optimize the control range
- Environmentally friendly hydraulic oil, Shell Tellus S3 V\*



\* Environmental impact: has a reduced environmental impact in the event of a leakage or accidental spillage compared to conventional zinc-based hydraulic fluids. This is achieved through the use of ashless anti-wear technology and low sulphur base oils.