

Electronic Control System

The electronic control system of the electro-hydraulic actuator monitors the hydraulic pressure of the system in real time and automatically controls the starting and stopping of the pump.

Options

- Manual override
- Remote & local function
- Fail-safe with accumulator
- Line break protection (LBP) function available
- Partial stroke test

Independent and Adjustable Open/Close Time

The system flow rate is designed to be 20L/min. For example, the measured ESD time of a size 09 electro-hydraulic actuator is less than three seconds. By independently setting an open/close adjustment valve in the hydraulic control system, the time to operate the valve can be strictly controlled. For example it can close or open the valve in a natural gas pipeline quickly (less than 10s) to block it, or slowly close (more than 120s) the valve to avoid the water hammer effect in a production oil pipeline.

How to Order

Actuator Model

E2H90-003Y-060
E2H90-006Y-080
E2H90-009Y-100
E2H90-015Y-100
E2H90-030Y-120
E2H90-060Y-150
E2H90-100Y-200
E2H90-200Y-240

Fail Mode

FL Fail-last Lock
FC Fail-close
FO Fail-open

Fail System

ACC Accumulators
SR Spring

* For spring-return, consult factory for part number and available torque

Power Supply

A 240VAC / 1 Phase / 60 HZ
B 115VAC / 1 Phase / 50 HZ
C 460VAC / 3 Phase / 60 HZ
D 575VAC / 3 Phase / 60 HZ
XX Custom

EXAMPLE

