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NAFSA - ECI SERIES

ECI35



- Bistable. External force to retract
- Class Y winding (90ºC)
- 100% duty cycle
- Up to 44N force
- Customer specific version available

PRODUCT DESCRIPTION

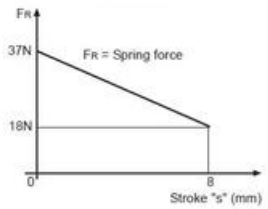
The ECI series is bistable linear solenoid where the stroke movement from start to final position is made by an incorporated spring.

Return to start position is done by external forces after a voltage is applied.

TECHNICAL DATA

Duty cycle	100 %
End of travel force	18 N
Function	Push
Initial force	37 N
Insulation class	Y (90ºC)
IP class	IP40
Minimum impulse time for voltage to release	5 ms
Minimum release voltage	6 V
Stroke	8 mm
Useful magnetic force	7 N
Voltage ac min	190 V
Voltage type	DC

Force-stroke curve



Working

Solenoid push force



Position A (Initial position): Repose status (compressed spring) , when the electromagnet is feeded it pass to position B.

External force to reset



Position B (Final position): After voltage status (spring free). To return to position A, will be necessary to apply an external force

Solenoid with compressed spring

