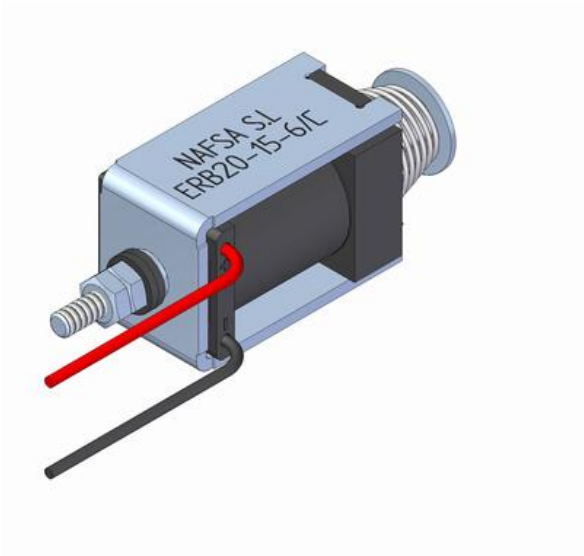
**OEM Automatic Ltd**
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

# NAFSA - ERB SERIES

ERB35/N
ERB35/N




- Bi-stable for holding open or closed
- Class Y winding (90ºC)
- Ideal for locking applications
- Up to 140N force
- Customer specific version available

### PRODUCT DESCRIPTION

The ERB series is a bistable linear solenoid where the start to end position are made with electromagnetic forces.

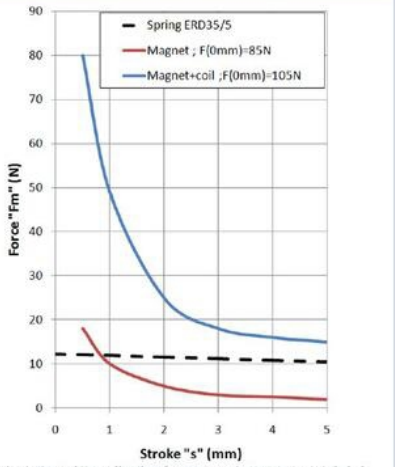
Return direction is controlled by reverse polarity or a mechanical spring.

Ideally suited to long periods at the extremes of either position.

## TECHNICAL DATA

| | |
|---|---|
| **Duty cycle** | 20 % |
| **Function** | push/pull |
| **Insulation class** | Y (90°C) |
| **IP class** | IP00 |
| **Power** | 35 W |
| **Spring return** | Yes |
| **Stroke** | 5 mm |
| **Total weight** | 165 g |
| **Voltage dc max** | 205 V |
| **Voltage dc min** | 6 V |
| **Voltage type** | DC |

**Force-Stroke curve(F-S)**




Calculation of the effective force: see documents 1.1 & 8.0

**Solenoid locked**

