



NAFSA - ECH SERIES

ECH40-10

- Pull / push design, with optional spring
- Class B winding (130°C)
- Duty cycle 0 to 100%
- Up to 2800N force
- Customer specific version available



PRODUCT DESCRIPTION

The ECH series is simple linear solenoid where the stroke movement from start to final position is made by the electromagnetic forces.

Return to start position is done by external forces or from a spring built into the solenoid.

Featuring a plug in connector, the main body and electrical connector on the ECH series offers IP65 sealing.

The shaft mounting faces are IP40 and offer fixing locations with smooth surfaces for external sealing, depending on the applicaiton.

TECHNICAL DATA

Absorbed power @ 20°C, 100% duty	13 W
Absorbed power @ 20°C, 15% duty	75 W
Absorbed power @ 20°C, 25% duty	45 W
Absorbed power @ 20°C, 40% duty	30 W
Absorbed power @ 20°C, 5% duty	210 W
Beginning of stroke force at 100% duty	9,5 N
Beginning of stroke force at 15% duty	30 N
Beginning of stroke force at 25% duty	23 N
Beginning of stroke force at 40% duty	18 N
Beginning of stroke force at 5% duty	50 N
End of stroke force at 100% duty	10,4 N
End of stroke force at 15% duty	27 N
End of stroke force at 25% duty	19,5 N
End of stroke force at 40% duty	16 N

