

NAFSA - ECH SERIES

ECH150-40
ECH150-40

- 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	120 W
Absorbed power @ 20°C, 15% duty	750 W
Absorbed power @ 20°C, 25% duty	460 W
Absorbed power @ 20°C, 40% duty	290 W
Absorbed power @ 20°C, 5% duty	2200 W
Beginning of stroke force at 100% duty	250 N
Beginning of stroke force at 15% duty	780 N
Beginning of stroke force at 25% duty	580 N
Beginning of stroke force at 40% duty	480 N
Beginning of stroke force at 5% duty	1300 N
End of stroke force at 100% duty	1100 N
End of stroke force at 15% duty	2200 N
End of stroke force at 25% duty	1850 N
End of stroke force at 40% duty	1500 N

