

NAFSA - ER SERIES

ER60-10/C
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- Single acting, spring or load return
- Up to class F winding (155°C)
- Duty cycle from 0 to 100%
- Up to 234N force
- Customer specific version available



PRODUCT DESCRIPTION

The ER series of electromagnets are a single acting solenoid.

When an electrical connection is made to the coil, the plunger moves through the magnetic field and pushes the shaft along its designated stroke.

Upon removing the electrical connection, the shaft is retracted to its rest position using either a mechanical spring or the load applied.

Many different standard versions are available (please see catalogue PDF below) and application specific designs can be provided for larger volume requirements.

TECHNICAL DATA

Absorbed power @ 20°C, 100% duty	18 W
Absorbed power @ 20°C, 15% duty	110 W
Absorbed power @ 20°C, 25% duty	70 W
Absorbed power @ 20°C, 40% duty	45 W
Absorbed power @ 20°C, 5% duty	280 W
Beginning of stroke force at 100% duty	12 N
Beginning of stroke force at 15% duty	44 N
Beginning of stroke force at 25% duty	32 N
Beginning of stroke force at 40% duty	24 N
Beginning of stroke force at 5% duty	80 N
End of stroke force at 100% duty	55.6 N
End of stroke force at 15% duty	152.5 N
End of stroke force at 25% duty	121.7 N
End of stroke force at 40% duty	95.5 N

