

NAFSA - ERC SERIES

ERC25-04/CC
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- Pull / push design, with optional spring
- Class B winding (130°C)
- Duty cycle 0 to 100%
- Up to 191N force
- Customer specific version available



PRODUCT DESCRIPTION

The ERC series of electromagnets are a double acting push/pull 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 remains in position and is returned with reverse polarity or optional return spring.

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	6.3 W
Absorbed power @ 20°C, 15% duty	40.3 W
Absorbed power @ 20°C, 25% duty	24.7 W
Absorbed power @ 20°C, 40% duty	15.2 W
Absorbed power @ 20°C, 5% duty	123 W
Beginning of stroke force at 100% duty	4.4 N
Beginning of stroke force at 15% duty	14 N
Beginning of stroke force at 25% duty	10.6 N
Beginning of stroke force at 40% duty	8.2 N
Beginning of stroke force at 5% duty	23 N
End of stroke force at 100% duty	12.4 N
End of stroke force at 15% duty	25.4 N
End of stroke force at 25% duty	20.6 N
End of stroke force at 40% duty	17.6 N

End of stroke force at 5% duty	36.8 N
Function	pull/push
Insulation class	B(130°C)
IP class	IP00
Spring return	Yes
Stroke	4 mm
Total weight	110 g
Voltage ac max	230 V
Voltage ac min	110 V
Voltage dc max	205 V
Voltage dc min	6 V
Voltage type	AC, DC

