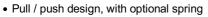


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## **NAFSA - ERC SERIES**

ERC30/C ERC30/C



- 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 to 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	8 W
Absorbed power @ 20°C, 15% duty	50 W
Absorbed power @ 20°C, 25% duty	30 W
Absorbed power @ 20°C, 40% duty	20 W
Absorbed power @ 20°C, 5% duty	120 W
Beginning of stroke force at 100% duty	3 N
Beginning of stroke force at 15% duty	12 N
Beginning of stroke force at 25% duty	9 N
Beginning of stroke force at 40% duty	6 N
Beginning of stroke force at 5% duty	21 N
End of stroke force at 100% duty	10 N
End of stroke force at 15% duty	24 N
End of stroke force at 25% duty	19 N
End of stroke force at 40% duty	15 N

End of stroke force at 5% duty	35 N
Function	pull/push
Insulation class	B(130°C)
IP class	IP00
Spring return	Yes
Stroke	8 mm
Total weight	130 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



