

## NAFSA - ECR SERIES

ECR40-07

- Double coil for even force along travel
- Class B winding (130°C)
- Push and pull with same force
- Up to 837N force
- Customer specific version available



### PRODUCT DESCRIPTION

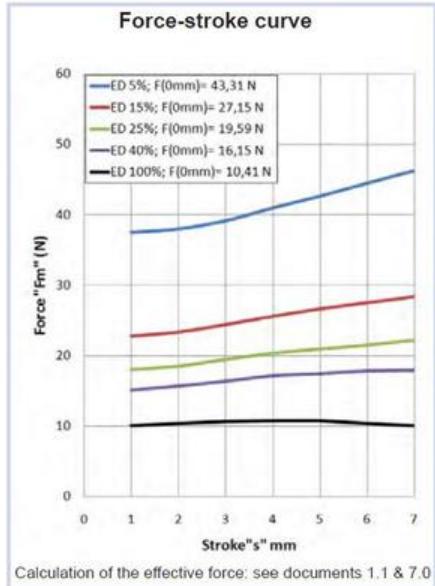
The ECR series is a twin coil reversible solenoid.

They are suited to applications that requires the same force in both directions.

### TECHNICAL DATA

<b>Absorbed power @ 20°C, 100% duty</b>	13 W
<b>Absorbed power @ 20°C, 15% duty</b>	75 W
<b>Absorbed power @ 20°C, 25% duty</b>	45 W
<b>Absorbed power @ 20°C, 40% duty</b>	30 W
<b>Absorbed power @ 20°C, 5% duty</b>	210 W
<b>Beginning of stroke force at 100% duty</b>	10 N
<b>Beginning of stroke force at 15% duty</b>	28 N
<b>Beginning of stroke force at 25% duty</b>	22 N
<b>Beginning of stroke force at 40% duty</b>	17,9 N
<b>Beginning of stroke force at 5% duty</b>	46 N
<b>End of stroke force at 100% duty</b>	10,4 N
<b>End of stroke force at 15% duty</b>	27 N
<b>End of stroke force at 25% duty</b>	19,6 N
<b>End of stroke force at 40% duty</b>	16 N
<b>End of stroke force at 5% duty</b>	43 N
<b>Function</b>	push/pull

<b>Insulation class</b>	B(130°C)
<b>IP class</b>	IP40
<b>Spring return</b>	No
<b>Stroke</b>	7 mm
<b>Total weight</b>	800 g
<b>Voltage dc max</b>	205 V
<b>Voltage dc min</b>	6 V
<b>Voltage type</b>	DC



Duty-cycle ED%	Standard voltages						Under demand voltages				
	VDC					VAC		VDC	VAC		
	6	12	24	48	100	125	205	110	230	Min	Max
100%	o	o	o	o	o	o	x	x	5	250	x
40%	o	o	o	o	o	o	x	x	6	250	x
25%	x	o	o	o	o	o	x	x	9	250	x
15%	x	o	o	o	o	o	x	x	9	250	x
5%	x	o	o	o	o	o	x	x	12	250	x

Lay out: o = Available ; x = Unavailable

