

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

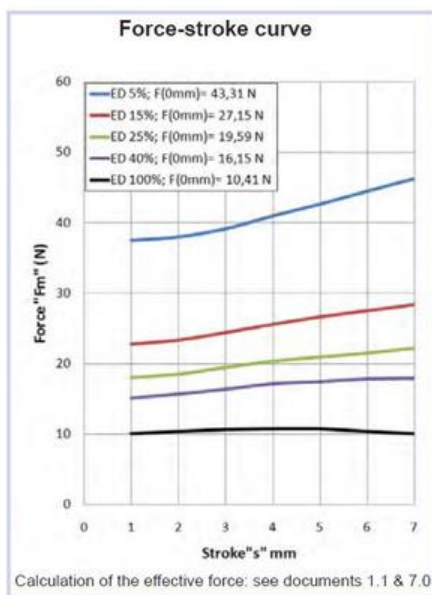
The ECR series is a twin coil reversible solenoid.

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

TECHNICAL DATA

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

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



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

Lay out: o = Available ; x = Unavailable

