

ECH40-10 TYPE

Solenoid protection rate: IP40
 Connector protection rate: IP65 (EN60529)
 Insulation class: B (130°C)
 Cycle duration: 3 minutes
 Standard stroke "s": 10mm
 Temperature rise: "ΔV₃₁" 70°C
 Work: Pull/Push
 Incorporated return spring: YES



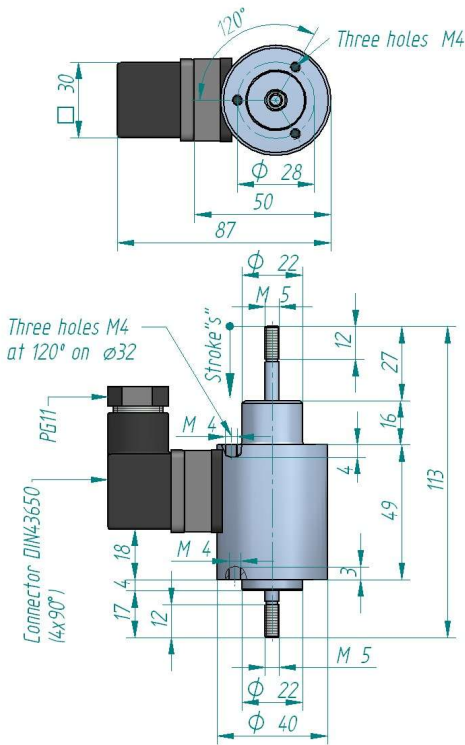
Duty-cycle ED(%)	100	40	25	15	5
Abs. Power at 20°C (W)	13	30	45	75	210
Minimum force (N)	9	14	17	23	38
Max time under voltage(s)	∞	72	45	27	9
Plunger weight (g)	47				
Solenoid weight (Kg)	0,416				

Duty-cycle ED%	Standard voltages								Under demand voltages				
	VDC						VAC		VDC		VAC		
100%	6	12	24	48	100	125	205	110	230	Min	Max	Min	Max
40%	o	o	o	o	o	o	o	o	o	6	250	18	230
25%	x	o	o	o	o	o	o	o	o	9	250	65	230
15%	x	o	o	o	o	o	o	o	o	10	250	105	230
5%	x	o	o	o	o	o	o	x	x	12	250	x	x

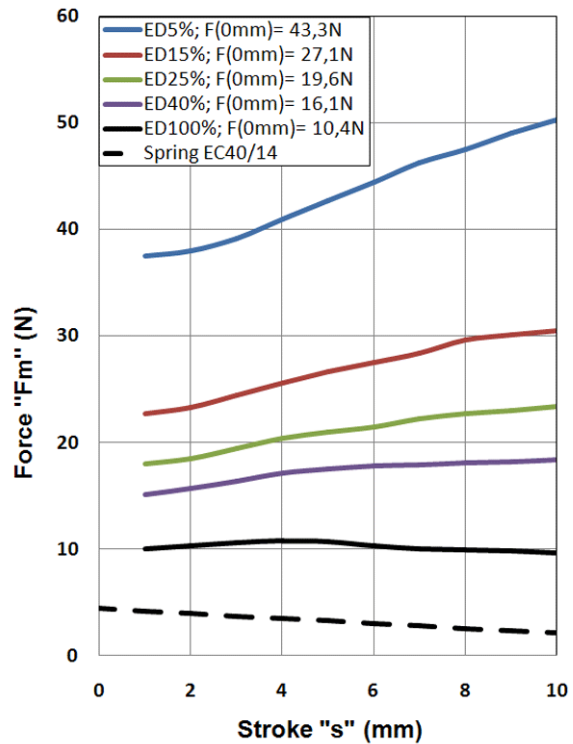
Layout: o = Available ; x = Unavailable

- 1) Under demand voltage: They can be manufactured at any voltage between the maximum and minimum voltage values shown in the chart.
- 2) To feed in altern current the solenoid will have a rectifier incorporated in the connector.
- 3) The duty-cycles described in the chart are standard, they can be manufactured in any intermediate cycle.
- 4) If any variation from the original is needed, please ask us.
- 5) Earthing is recommended if the metallic parts are accessible.

Solenoid without voltage



Force-stroke curve



Ordering code: ECH40-10/C --V ED---%

Example: Standard Voltage:24Vdc Duty- cycle: ED100%: With spring : ECH40-10/C 24Vdc ED100% RS
 Standard Voltage:12Vdc Duty- cycle: ED15%: Without spring : ECH40-10/C 12Vdc ED15% RN

Spring yes: RS; Spring no: RN