ER15/C TYPE

Protection rate: IP00
Insulation class: B (130ºC)
Cycle-duration: 2minutes
Standard stroke "s": 5mm
Temperature rise "ΔV_{31} ": 70ºC
Work: pull / push
Incorporated return spring: NO

Duty-cycle ED(%)	100	40	25	15	5
Abs. Power at 20ºC (W)	3	7.5	12	20	60
Minimum force (N)	0.3	0.5	0.8	1	2.5
Max time under voltage(s)	∞	48	30	18	6
Plunger weight (g)			11		
Solenoid weight (g)			39		

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	x	x	x	x	x	3	55	x	x
40%	o	o	o	o	x	x	x	x	x	3	85	x	x
25%	o	o	o	o	o	x	x	x	x	3	105	x	x
15%	o	o	o	o	o	o	x	x	x	6	135	x	x
5%	o	o	o	o	o	o	o	x	x	6	230	x	x

Layout: o = Available ; x = Unavailable

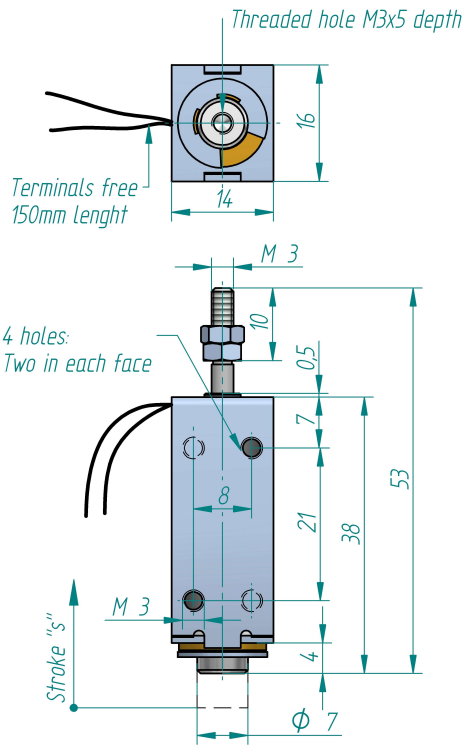
1)Voltage under demand:
They can be manufactured at any voltage between the maximum and minimum voltage shown in the chart.

2)The duty-cycles described in the chart are standard, they can be manufactured in any intermediate cycle.

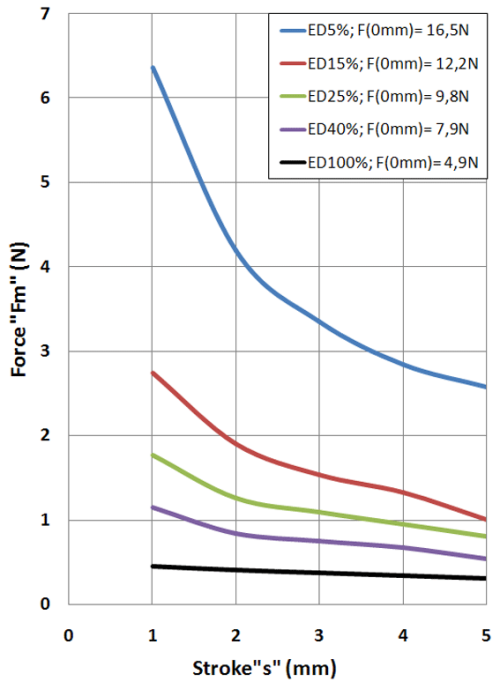
3)If any variation from the original is needed, please ask us.

4)Earthing is recommended if the metallic parts are accessible.

Solenoid under voltage



Force-stroke curve



Calculation of the effective force: see pages 1 and 10

Ordering code: *ER15/C --V ED---%* - Mounting position

Example: Standard voltage:24Vdc Duty-cycle: ED100%: Position when mounted A: *ER15/C 24Vdc ED100% A*
Standard voltage:12Vdc Duty-cycle: ED15%: Position when mounted C: *ER15/C 12Vdc ED15% C*

For fixation and positions (A,B,C,D) of the solenoid: see page 10