

### CARACTERISTICS FORCE / STROKE

The curves indicate the value of the magnetic force according to the position of the plunger noted in the following conditions :

- Ambient temperature of 35°C.
- Coil at stabilization temperature.
- Power voltage equal to 90% of the nominal voltage.

The useful strength is calculated from the magnetic force by adding or suppressing the weight of the mobile plunger.

The values indicated hereafter are those absorbed by the coil at a temperature of 20°C and at nominal voltage.

Duty cycle		100%	40%	25%	15%	5%
Maxi consumption at 20°C (W)		18	45	70	115	330
Attraction duration (ms)		165	125	110	100	95
Return spring duration (ms)	Direct current	75	75	75	75	75
	Alternative current	130	110	100	85	90
L / R (ms)	At beginning of stroke	14	14	12,5	11	10
	At end of stroke	40	30	25	18	15

Reference cycle duration : 2 min

