

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)		23	55	85	140	400
Attraction duration (ms)		160	155	155	150	140
Return spring duration (ms)	Direct current	115	75	70	65	60
	Alternative current	230	170	150	135	110
L / R (ms)	At beginning of stroke	18	18	18	18	18
	At end of stroke	65	55	45	40	30

Reference cycle duration : 2 min

