

## CHARACTERISTICS FORCE / STROKE

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

- Ambient temperature : 35°C
- Coil stabilised at working temperature
- Supply voltage : 90% of nominal voltage

The available force is obtained by adding or subtracting the plunger weight to the magnetic force.

The indicated powers are those consumed by the coil at 20°C and rated voltage.

Duty cycle		100%	40%	25%	15%	5%
Maxi consumption at 20°C (W)		23	55	85	140	400
Attraction duration (ms)		140	140	135	130	120
Return duration (ms)	Direct current	90	75	70	65	60
	Alternative current	160	130	120	110	95
L / R (ms)	At beginning of stroke	20	20	20	20	20
	At end of stroke	65	55	45	40	30

Reference cycle duration : 2mn

