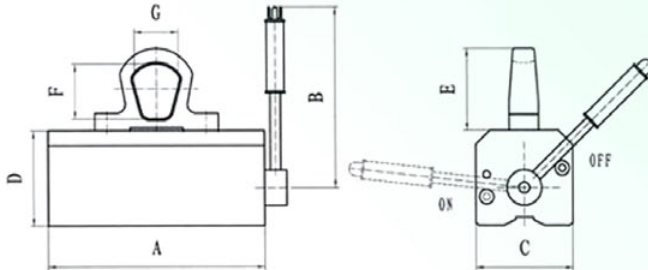




Ningbo Realpower Magnetic Industry Co.,Ltd.

Technical characteristics



Model Weight Dimensions mm

Model	kg	A	B	C	D	E	F	G
LM-100A	3	86	150	66	67	63	35	43
LM-300A	9	180	168	80	80	63	35	43
LM-600A	20	250	198	107	103	88	52	60
LM-1000A	39	330	262	129	130	88	52	60
LM-2000A	78	415	370	170	170	122	64	87
LM-3000A	160	470	480	234	190	122	64	87

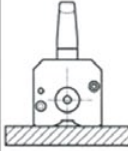
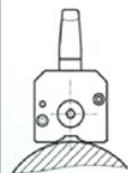
Lifting Power BY MATERIALS

		0%	50%	100%
Carbon Content	M1	Low Carbon		100%
	M2	Moderate Carbon		85%
	M3	High Carbon		75%
	M4	Cast Iron		70%

Effect of Surface Finish

		0%	50%	100%	150%
Surface Finish	F1	Ground Surface			125%
	F2	Rough Machined			100%
	F3	Foundry Finish			90%
	F4	Rough Cast			65%

Load characteristics

Type of load	Model	Load max kg	Thickness min.mm	Length max mm
 Plate	LM-100A	100	15	1000
	LM-300A	300	20	1500
	LM-600A	600	30	2000
	LM-1000A	1000	40	3000
	LM-2000A	2000	45	3000
	LM-3000A	3000	55	3000
 Round	Diameter Range (mm)			
	LM-100A	100	30-100	1500
	LM-300A	150	40-300	1500
	LM-600A	300	70-400	2000
	LM-1000A	500	70-500	3000
	LM-2000A	1000	100-600	3000
	LM-3000A	1500	100-800	3000

Calculation Example: LM-600, rated lifting power is 600kg.
The formula for calculating range of lifting capacity is: T x F x M x G x Capacity.

T = Thickness

F = Surface Finish

M = Material

G = Air Gap

LM-600 Example: T = 25mm, F = S3, M = S45C Hardened and G = 0.5mm

Check the above table and list, the lifting capacity is:

90% x 70% x 80% x 85% x 600 = 257kg

