

### DESCRIPTION

#### LIFTON MAGNETS NEOLIFTER P SERIES

In the series of LIFTON LIFTERS are the Neodymium (NdFeB) permanent magnet based NeoLifters P Series. All LIFTON lifting magnets are simple to operate and almost maintenance free. High quality and durable materials are used for manufacture of these lifters. The P series has been improved by changing into the single hand operating handle which allow quick lock and release of our lifter.

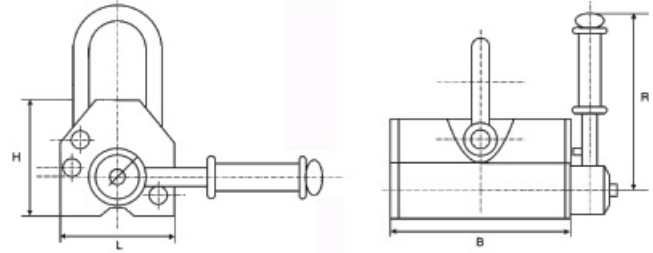


### POINTS TO NOTE

In spite of the excellent properties of LIFTON Lifters, when working with the permanent magnet range a few points must be noted.

#### SURFACE CORROSION OF WORKPIECE

There is a reduction in the lifting capacity when the surface of the material is painted or coated as the pole plate cannot come in direct contact with the ferrous surface. This distance is called the air-gap. The air-gap size determines the lifting capacity.



### SAFETY FACTOR

LIFTON strictly adheres to a safety factor of at least 3:1 for all lifting magnets.

### PROPERTIES AND DIRECTIONS OF USE

While the surface condition i.e. the area of contact is very important, in general; a smooth flat surface is good enough. The magnet should always be hung from the centre of the job i.e. used in equilibrium as far as possible.

### JOB THICKNESS CHART

Thickness	Rated Capacity (Safe Lifting Weight or SWL)							
	(mm)	3000 Kg	2000 Kg	1000 Kg	500 Kg	300 Kg	200 Kg	100 Kg
T1	70	100%	100%	100%	100%	100%	100%	100%
T2	60							
T3	50							
T4	45	85%	90%	90%	90%	100%	100%	100%
T5	40	80%	85%					
T6	35	70%	75%	85%	80%	90%	100%	100%
T7	30	60%	65%	80%				
T8	25	50%	55%	70%	75%	90%	100%	100%
T9	20	40%	45%	60%				
T10	15	30%	35%	50%	60%	70%	90%	90%
T11	10	20%	25%	35%	45%	50%	70%	70%
T12	5	10%	15%	20%	25%	30%	40%	40%

Weight (kg)	3	7.5	23	55.5	125	220	420
R (mm)	107	155	196	255	426	505	548
H (mm)	67	91	118	164	212	252	355
B (mm)	92	162	233	268	378	497	621
L (mm)	64	92	122	179	234	310	442
Pull-off force (Kgs)	30	900	1800	3000	6000	9000	18000
Rated lifting (round) kgs	50	150	300	500	1000	1500	3000
Rated lifting (Flat) kgs	100	300	600	1000	2000	3000	6000
Model	NML-P-100	NML-P-300	NML-P-600	NML-P-1000	NML-P-2000	NML-P-3000	NML-P-6000



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