

MATERIALS HANDLING

BEAVER PERMANENT MAGNET LIFTER



The Beaver Permanent Magnetic Lifter is a product for lifting and handling steel plate, pipes, beams and cylindrical work pieces of ferromagnetic materials. Beaver Magnetic Lifters contain a NdFeB permanent magnet, which can generate high holding-power in a magnetic circuit. With the use of a magnetic lifter the need for slings, clamps and special lifting frames can be eliminated. They are compact in design and construction, convenient in operation with a strong holding force, are safe and reliable. These magnetic lifters are widely used for lifting and hoisting in factories, warehouses, on wharves and at transport facilities.

- ▶ Due to the high magnetic properties of the magnetic lifter the relevant size of the unit is smaller compared to other products with the same lifting capacity.
- ▶ As the magnetic lifter is not electrically operated, accidents due to sudden power failure are avoided, the magnetic lifter can also be used outdoors or on site without the need for a power supply.
- ▶ There are 'V' slots incorporated into the holding face allowing it to be used to lift pipes or round bar work pieces.
- ▶ The special safety locking mechanism on the handle prevents the magnetic lifter from accidentally being released.
- ▶ The magnetic lifter comes complete with a rated shackle that is stamped with the Working Load Limit (WLL); Test No.; Serial No.; Month and Year of manufacture and the European standard compliance mark (CE).
- ▶ Beaver magnetic lifters are individually proof tested to twice their rated capacity for flat steel plate.

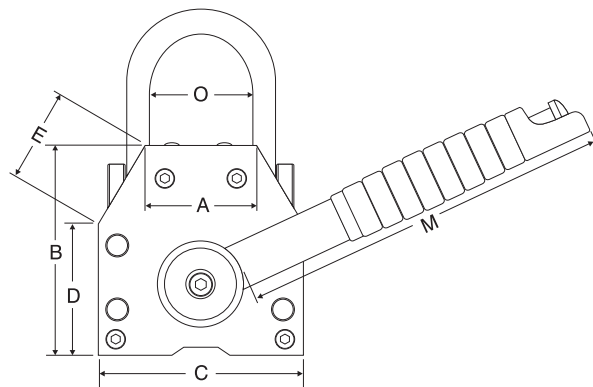
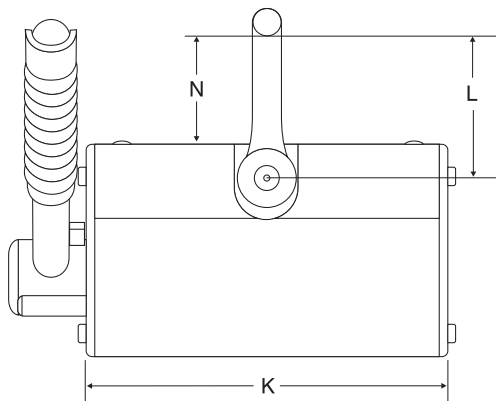


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Complies to AS 4991

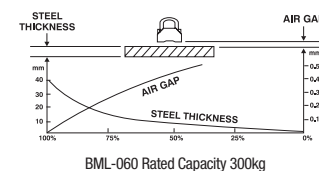
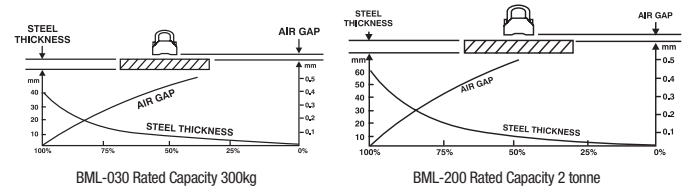
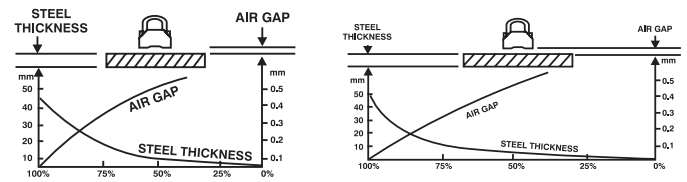
| Product Code | Model Number | Rated Capacity Flat Plate WLL (kg) | Rated Capacity Cylinder WLL (kg) | Weight (kg) | A mm | B mm | C mm | D mm | E mm | K mm | L mm | M mm | N mm | O mm | Max Handle Turning Force |
|--------------|--------------|------------------------------------|----------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|--------------------------|
| 262010 | BML-010 | 100 | 30 | 3 | 28 | 68 | 62 | 44 | 28 | 92 | 50 | 116 | 42 | 31 | <4 |
| 262030 | BML-030 | 300 | 100 | 10 | 44 | 93 | 92 | 59 | 39 | 164 | 75 | 142 | 59 | 46 | <8 |
| 262060 | BML-060 | 600 | 200 | 24 | 56 | 118 | 122 | 70 | 44 | 234 | 110 | 178 | 87 | 58 | <8 |
| 262100 | BML-100 | 1000 | 300 | 50 | 88 | 164 | 172 | 100 | 68 | 264 | 137 | 237 | 110 | 95 | <16 |
| 262200 | BML-200 | 2000 | 600 | 125 | 115 | 214 | 230 | 135 | 98 | 380 | 192 | 397 | 150 | 117 | <16 |



Rated Lifting Capacities

| Model | Beaver Code | Horizontal | Vertical | Cylindrical |
|---------|-------------|------------|----------|-------------|
| | | | | |
| BML-010 | 262010 | 100kg | 30kg | 30kg |
| BML-030 | 262030 | 300kg | 100kg | 100kg |
| BML-060 | 262060 | 600kg | 200kg | 200kg |
| BML-100 | 262100 | 1 tonne | 300kg | 300kg |
| BML-200 | 262200 | 2 tonne | 600kg | 600kg |

STEEL THICKNESS AND AIR GAP CHARTS



WARNING

The above charts are based on flat ferrous steel plate lifted horizontally.

Working temperature -40°C to 80°C

WARNING The above table is based ferrous steel and must be read in conjunction with Steel Thickness and Air Gap Charts opposite.