Lifting Solutions Group
Axel Johnson International

Lifting Magnet NEO

Product information



The Neo magnet is widely used for handling ferromagnetic materials in the metal industry – in workshops, on building sites, in warehouses for semi-finished steel products, when handling steel workpieces, tools, sheets, metal profiled sections, tubes, and bars. The Neo permanent lifting magnet is intended for use in production plants where an emphasis is placed on enhanced safety. Thanks to strong neodymium magnets, it has a higher lifting capacity than other magnets with similar dimensions.

It easily handles flat, round, and cylindrical loads with emphasis on safety and convenience. Each magnet is tested for break-away force with an air gap to simulate real operating conditions. The magnet body is highly resistant to mechanical damage, the bearings are secured, so their life span is longer. The magnet features a versatile lifting eye design for easy suspension. The magnet enables load handling at a maximum temperature of 80°C.

Features:

- Simple Easy Switch control – the lifting magnet can be switched easily, quickly, and safely.
- The Air Gap test – a tear-off test is carried out with the air gap - we place emphasis on higher safety in real operating conditions.
- Robust lifting eye made of stainless steel.
- 5-year warranty for the magnetic system.
- Capacity table for easy reference right on the magnet body.
- The magnet meets the 3+ safety factor - verified by the tear-off test.
- A compact body with only two recessed screws.

... *Read more*

Material: Robust construction ensures high durability even under harsh conditions.
Marking: According to standard
Temperature range: max. 80°C.
Finish: Painted.
Standard: EN 13155

Safety factor: 3:1

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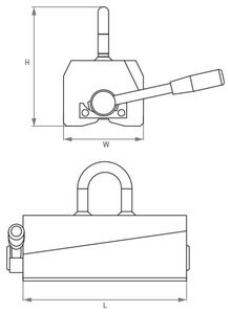
Blueprint



Technical data

Part code	Code	WLL ton	Eye diameter mm	WLL round materials t	W mm	L mm	H mm	Weight kg
503100020000170	NEOL150	0.15	10	0,065	60	93	120	3
503100030000170	NEOL300	0.3	16	0,15	100	152	180	10
503100060000170	NEOL600	0.6	20	0,3	120	246	180	21
503100100000170	NEOL1000	1	20	0,5	146	306	236	40
503100150000170	NEOL1500	1.5	20	0.75	165	374	273	69
503100200000170	NEOL2000	2	20	1	165	478	273	90

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