

Specification sheet

The magnetic anchor is a switchable permanent magnet. It can be used on steel surfaces such as tanks, ships, steel construction etc. for fixation of scaffolding. The magnet is turned ON and OFF via a special key with ratchet.



special key with ratchet



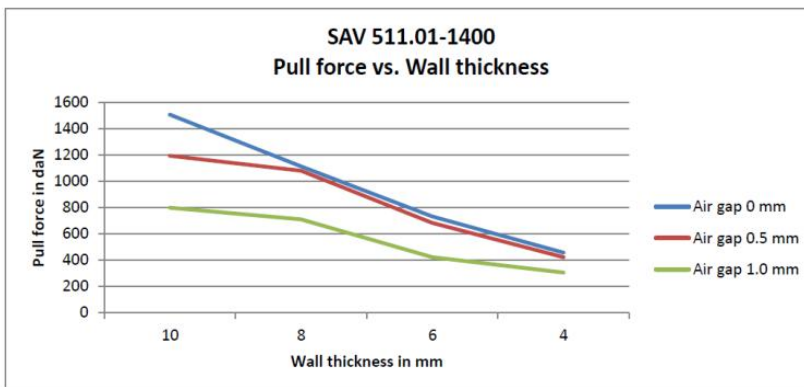
anchor with protecting dust cover

The attraction force of the anchor is dependent on:

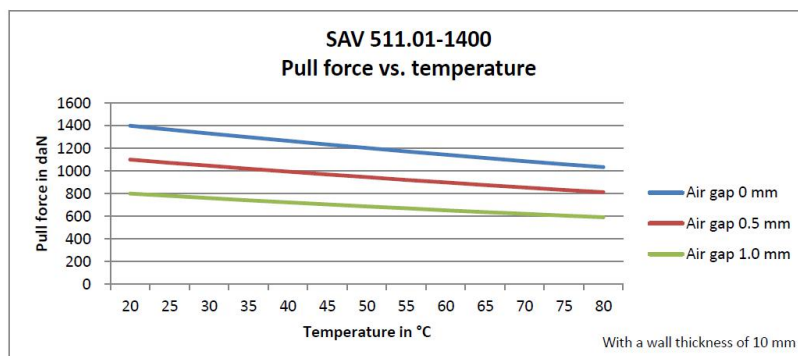
- Airgap between magnet and wall
- Thickness of the wall
- Type of steel

Airgap is defined as all material between magnet and wall that is nonmagnetic.

In ideal conditions the magnet is able to create a brake away force of app 2200 kgf. For different conditions the following pictures hold:



With rising temperatures the breakaway force decreases:



T in °C	-25°C+80 °C, stock and operation (higher values on request)
Ambient	outside in rain, snow, frost
RH	100%, condensing
Coating	Ni plated
Maintenance	yearly check
Weight of the product	18 kg
Dimensions	307 x 120 x 64 mm
Test certificates	each product comes with a unique serial number and test report
Package	wooden box with lid

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The following parts are available:

Article nr.	Description
SAV 551.04-1400	Magnetic anchor complete (incl. Cover and wooden box)
SAV 551.10-1400	Installation Set Complete: Console, 3-pin key, ratchet, extension piece
SAV 551.05-1400	Console
SAV 551.07-1400	Installation set : 3-pin-key, ratchet, extension piece
758.56.26	3-pin-key
364.00.95	ratchet incl. extension piece
SAV 551.09-20	Safety cable, set of 3 units
SAV 551.18-1400	Test Set Complete: Pull force test unit, sliding force test unit, Monitor, suitcase
SAV 551.13-1400	Pull force test unit (Incl. load cell)
SAV 551.15-1400	Sliding force test unit (Incl. load cell)
SAV 551.17-01	Monitor incl. Bag
392.35.33	Monitor
392.35.34	Bag
SAV 551.11-1400	Set of suitcases (1 small, 1 large)
393.91.73	Small suitcase
393.91.74	Large suitcase
SAV 551.19-01	Installation & Test Set Complete (551-05-07-09-11-13-15-17)

More information can be found at: <https://mcnetiq.nl/en/>