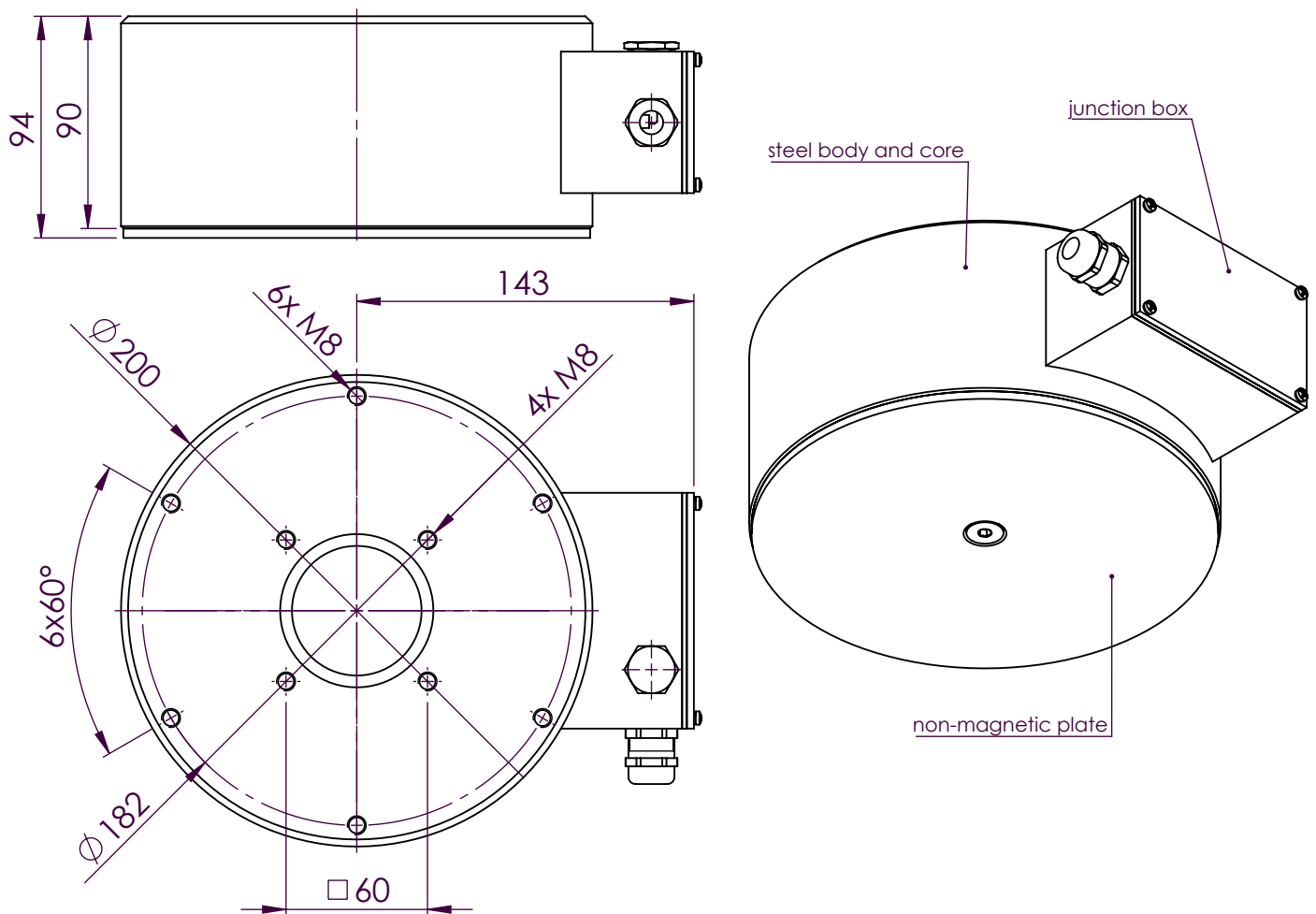


Electromagnetic separator / lifter

SOE-200-90



APPLICATION:

1. Separator (primary purpose) - removal of scrap iron from non-magnetic bulk or shredded materials, for example nails from woodchip transported on a conveyor.
2. Magnetic lifter (optional purpose) - the separator can be used for lifting or handling ferrous, flat surface items.

TECHNICAL DESCRIPTION:

The device consists of a body and a core made of low carbon steel with a set of built-in coils. The non-magnetic bottom plate is used as a protection of the coils against impacts of the pulled-out, intercepted ferromagnetic particles. The separator should be hanged or attached to a chassis (attaching to a metal structure improves heat dissipation from the separator's body, increasing the efficiency of the device) at a height of up to 50mm above the separated material. Turning off the power releases the attracted particles that are free to fall under their weight.

When working as a lifter, the lower non-magnetic plate should be removed, and the lifted object should directly adjoin the inner and outer part of the lower plane of the device (before turning on the power).

TECHNICAL DATA:

Rated voltage: 120V 50Hz* (or power equivalent DC)

Rated power: 140W

IP rating: IP65

Work time: ED 100%

Built-in thermal switch (disconnects the power in case of coils overheating)**

Cable gland for 3G1 or 3G1,5 cables with a diameter of $\varnothing 4,5$ to $\varnothing 10$ mm

* It is possible to supply the separator with a 230VAC power regulator.

** Only versions marked with "T"