

High Performance Coils C Series

Customer-specific sizes, for medium-sized thick-walled parts

PRODUCT DESCRIPTION

Housing made of special cast aluminium with protection class IP44 or better. The high-performance coils are produced to customer specification, based on a modular system. Passage opening can be adapted between 210 x 160 mm and 710 x 710 mm in increments of 50 mm.

Degaussing is always performed in combination with a low frequency generator. A radial fan is used for heat dissipation. Optionally, liquid cooling can be used for continuous operation at full load.

PROCEDURE

Degaussing is performed either in a continuous process through the low frequent alternating field of the coil, or with a stationary work piece inside the coil by means of pulse degaussing by a decreasing alternating magnetic field.

APPLICATION

For continuous degaussing of medium-sized semi-finished parts or for degaussing of work pieces (for example thick-walled tubes, bars or profiled steels) – individually or arranged in a tray. Small parts can also be demagnetized in a container or washing basket as bulk goods.

The high-performance coils C series are ideally suited for the integration into the feeding system of a washing plant. Furthermore, the integration into an existing production line and other feeding system is possible.



TECHNICAL DATA

	Active opening	Connection	Nominal current leff	Protection class
High-performance coils C series	210 x 160 to 710 x 710 mm	Low Frequency Generator EG2422S	< 120 A	IP44 or better

Customizing with Excellence

Vallon GmbH · Arbachtalstraße 10 · 72800 Eningen, Germany · Phone +49 7121 9855-0 · info@vallon.de · www.vallon.de

