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General description of the Lifting Electromagnet

Applications:

Lifting magnet is used extensively at metallurgical (especially at the kinds of steel works), port, goods yard, store-house, wharf and mining machinery etc. Use it to carriage and load and unload. It can hang and carry all kinds of steel plate,section steel,steel ingot, scrap iron and other steel products etc.

Crust of lifting magnet of our Co. adopt closing and welding steel plate structure, moisture proof proerty is good, used time is long, product weight is light, magnet motive force strong suction is strong, attracing iron ability strong. In side of magnet adopt insulating material of high, property and special filler characteristic is high strength and conduct heat rapidly,rsise the insulating property and conduct heat grade, The product throngh appraisal of Jingsu province, The products may make up use for hoisting. & transport longer section steel.Applied to lifting and transporting magnet - conductive materials such as steels and irons in metallurgy industry ,mine industry,machinery industry communication and transportation industry and etc. 2.Used as electromagnetic manipulator to hold magnet -conductive materials as steels and irons.

Main Features

1. Rugged-all-welded construction with good moisture-proofing.
2. Mjorized design by computer with reasonable structure,light dead - weight,strong attraction force and low energy consumption.
3. Tlie energizing coils are processed by special technology to improve the electrical property and mechanical property of the energizing coils.Heal-resistant grade of insulating material reaches Grade C with long service life
4. Rated power -on sustaining rate of normal type electromagnet is increased from 50% in the past to 60% ,which improves the efficiency of the electromagnet.
5. Ultra-high temperature type electromagnet adopts unique method of heat-protection,the temperature of the attached materials is increased from 600V in the past to 700℃,which expands application range of the electromagnet.
6. Simple and convenient installation,operation and maintenance.

Notes on Model Selection

1. If temperature of the attached material is below 1OOK℃ ,please choose normal temperature type.If it is above 100℃, please choose high temperature type.If it is above 600℃,please choose ultra¬high temperature type.
2. When power-on sustaining rate is above 60%,please choose high frequency type.
3. When lifting and transporting materials are in water,please choose diving type (depth of diving≤100m).The technical data of diving type electromagnet is the same as that of normal

temperature type,so it is not listed in catalogue.If customers need diving type, please state clearly when ordering.

4. Environment temperature:normal temperature type -5℃ 40℃,high temperature type-55℃~80℃.Height above set level is no more than 2,000m.
5. Corollary equipment: when using single unit,choose commutation control equipment and its neccessory equipment according to consumed power (current): whet using combination of several units,choose it according to the sum of the consumed power (current)of the combined units.

Model Designation