

Electric Permanent Lifter

● Product Introduction

The Electric Permanent Lifter suction cup utilizes the interaction between the electromagnet and the permanent magnet to adsorb the workpiece. When current passes through an electromagnet, a magnetic field is generated, which attracts the permanent magnet. When the current passes through the permanent magnet, an opposite magnetic field is generated to counteract the magnetic field generated by the electromagnet, causing the workpiece to be firmly attached to the suction cup. When the direction of the current changes, the position of the workpiece will also change accordingly.

● Basic Parameter

Rated voltage	DC-160V	Temperature	not higher than 80 °C
Working current	12A	Instantaneous power	1.92KW
Insulation level	H-level	Protection level	IP56
Rated suction	1.0T	Design working clearance	1.5mm
Working air gap pull-down force	1.5T	Maximum pull-out force	4.66T
Suction safety factor	greater than 3.5	External dimensions	320 * 250 * 86mm
Weight	approximately 65kg		

