

## Introduction of Hefei Xinhua Canned Motor Pump Co., Ltd (Shinhoo) and products

### introduction

As a wholly-owned subsidiary of Zhejiang Dayuan Pumps Industrial Co., Ltd. ( Shanghai Stock Exchange stock code: 603757) , Shinhoo is specialized in Canned Motor Pump Manufacturing.

In order to satisfy the rising market demand, in 2007our large production base was constructed with the total investment of 300 million Chinese Yuan in National Hi-Tech Developing Zone in Hefei, Anhui Province, China. In the end of 2009, our new plant with the floor area of 100,000 Square meters started running.

Based on the standard of ISO 9001 :2015 Quality Management System, 1S014001:2015 Environment Management System and OHSAS18001 :2007 Occupation Health and Safety Management system. Shinhoo established a complete set of design, producing, marketing and service system. As required by different countries and areas, our related products successfully obtained certifications such as CCC, GS, UL, CE, ATEX and EAC as well as passed required tests such as RoHS , REACH and EEL. All of these ensured the safety, stability, reliability, durability and legality of our products in the market. We have formed our own core competitiveness as well as the space for sustainable development with sufficient material resources, reinforced regulation system and high tech talents we gathered.

We are committed to product research and development as well as quality promotion with orientation of customers' requirement. We offer professional solutions for general and special requirements regarding non-leakages delivery of various kinds for fluid. Our products are sold abroad to many countries in America, Europe, Asia and other areas being widely used in Chemical industry, Petrification, Petroleum refining, Textile industry, Locomotive, Central Air Conditioning, Aerospace, Air Conditioning System Cooling and Heating Circulation, Construction Environment Protection, Ventilation and New Energy. With reliable quality and attentive service, we have gained a high reputation in the market.

We sincerely hope to cooperate with you for a splendid future together.

Shinhoo canned motor pump has the following characteristics:

1. No shaft seal: absolutely no leakage of delivering fluid.
2. No lubricating or sealing fluid: It not only save the trouble of oil injection, but also doesn't pollute the transport fluid.
3. No coupling: the motor and pump adopt the integrated design and the structure is very compact, so the volume is small and the weight is light. There is no need to align the base of the pump to minimize the installation cost.
4. No cooling fan: compared with centrifugal pump driven by ordinary motor, operating noise is greatly reduced.
5. Design of secondary containment: in the structural design, the stator casing is the primary containment of canned motor pump, while the motor casing and junction box are the secondary containment of canned motor pump. In the case of rupture of the primary containment , the second containment will play a role to ensure that the pumped dangerous liquid will not leak to the external environment under extreme conditions and ensure the absolute safety of the plant operation.
6. The main maintenance is just to replace the sliding bearing system: operation costs are reduced.
7. To achieve pumping fluid and the external environment absolute isolation: suitable for the operation of the vacuum system and delivery to the react after contact with outside air liquid and is suitable for delivering high temperature and high pressure, cryogenic, high melting point liquid. Canned motor pump without shaft seal this feature to solve the shaft seal pump is difficult to solve the above special liquid.