

非凡源于专注

BEING OUTSTANDING AND FOCUS ON PRODUCT

地址：中国 江苏省太仓市城西南路11号

Add : No.11 South Chengxi Road, Taicang City, Jiangsu Province, China

电话(TEL):+86-512-53525240 53529584

传真(FAX):+86-512-53526632 53953920

Website: <http://www.tcclb.com.cn>

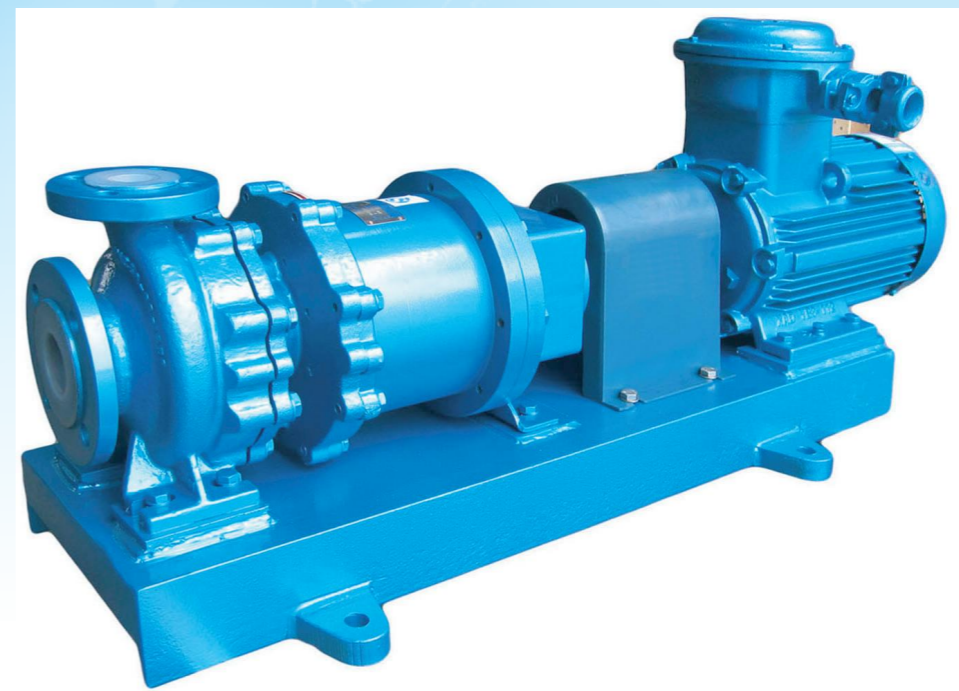
E-mail: tcclb@tcclb.com.cn

In North America

Please Contact Timegate Marketing,
Inc. at info@timegatemarketing.com

无泄漏耐腐蚀磁力泵

LEAK FREE AND CORROSION RESISTANT
MAGNETIC DRIVE PUMP



太仓市磁力驱动泵有限公司
Taicang Magnetic Pump Co., Ltd

非凡源于专注



天祥牌磁力泵

太仓市磁力驱动泵有限公司
联系电话：+86-512-53525240 53522127 53529584
传 真：+86-512-53526632
网 址：www.tccib.com.cn
电子邮件：tccib@tccib.com.cn
邮 箱：215400
联系地址：江苏省太仓市城厢镇城西南路11号

Extraordinary comes from concentration

C O N T E N T S · 目 录

企业简介	2-4
Company Profile	
产品介绍	5
Product Introduction	
IMC/IMCX型金属、塑料磁力化工流程泵型谱图	6
IMC Plastic, Metal Magnetic Centrifugal Pump for arrangement chart	
IMC/IMCX型金属、塑料磁力化工流程泵结构图	7-13
Structure diagram of IMC magnetic drive pump for chemical flow (Plastic, Metal)	
IMC/IMCX型磁力化工流程泵性能参数表	14-24
Performance parameter table for IMC magnetic drive pump for chemical flow	
IMC型磁力化工部分流程泵性能参数及示意图	25-26
Performance parameter table and structure diagram of IMC flow separation pump	
CKW型磁力驱动漩涡泵性能参数表、结构示意图	26-27
Performance parameter table and structure diagram of CKW magnetic drive eddy pump	
CSH型磁力驱动齿轮泵性能参数表、结构示意图	28
Performance parameter table and structure diagram of CSH metal magnetic drive gear pump	
CSL型磁力驱动齿轮泵性能参数表、结构示意图	29-30
Performance parameter table and structure diagram of CSL metal magnetic drive gear pump	
CSB型氟塑料磁力驱动泵性能参数表、安装尺寸图表	30-31
Performance parameter table and structure diagram of CSB fluoride plastic magnetic drive pump	
釜用磁力驱动装置	32-33
Magnetic drive equipment	
安全可靠、经久耐用、高效节能的磁力泵介绍	34-42
Introduction for reliable, safe, efficient and energy saving magnetic pumps	
证书及专利证书	43-48
Certificates	
江苏省重点推广节能环保应用新技术、新产品	49-51
Jiangsu Province focuses on promoting energy conservation and environmental protection with applying new technologies and products	



企业简介

成立于一九七九年的太仓市磁力驱动泵有限公司，是专业磁力泵研发生产企业。四十多年来，本着产品安全可靠、经久耐用、高效节能的理念。公司一直致力于发展磁力泵技术创新，为化工、石油化工、医药、农药发电等行业提供专业设备及技术支持。公司拥有授权的发明专利五项、实用新型专利十五项，版权作品六项。成为一家专业化磁力泵设计、研究、生产及销售为一体的国际领先企业。

我公司自主研发生产国家发明专利产品 IMC 型塑料磁力泵，以及经过技术升级的 IMC 型符合 ISO2858 国际标准金属磁力离心泵。这些泵易损件(摩擦件)采用的碳化硅、碳化钨滑动轴承和稀土永磁技术，使得磁力泵更经久耐用。加上配套保护器，使磁力泵的安全性、可靠性得到进一步提升，率先实现金属磁力泵使用温度达 400℃，塑料磁力泵使用温度达 200℃，产品技术领先于国际先进水平。

本公司以科技引领为目标，倾力打造磁力泵国际品牌。公司自主开发的磁力泵产品，已被中国石油、中国石化、中国化工集团公司、中国宝钢集团公司等国内著名企业，以及外资企业巴斯夫、拜耳、德国赛、帝斯曼、亨斯迈、罗地亚、等外资中国公司等使用。此外，产品出口到俄罗斯、巴基斯坦、叙利亚、东南亚等国家。

公司历史与荣誉:

1979 年中国经济发展崛起之时，太仓磁力泵有限公司成立。

1982 年完成了化工部第一台国产 CSB 型氟塑料磁力泵的任务。并通过化工部技术鉴定。

1983 年获化工部科技三等奖。

1984 年与上海化工研究院建立长期技术合作关系。

1984 年公司被化工部设为定点企业，黄金管理局指定产品。

1985 年公司产品载入化工设计手册、医药设计手册、机电设计手册、电力设计手册、暖通设备手册、中国汉英产品大字典。

1993 年公司开始研发符合 ISO2858 标准的 IMC 型金属、塑料磁力泵。

1995 年公司参与了化工部磁力驱动化工流程泵标准的编写，为标准的制定和颁布做了很大的工作。

1999 年 IMC 型碳纤维增强塑料磁力泵被立为“江苏省科学技术厅九五科技攻关”项目。同年被江苏省科技厅确认为高新技术产品。

2000 年通过 ISO9001 质量体系认证。

2002 年天祥牌磁力泵荣获天津国际发明、专利及新技术新产品博览会金奖。

2006 年 IMC 型塑料磁力泵获得江苏省高新技术产品。

2007 年被江苏省科技厅认定为高新技术企业。

2007 年“天祥牌”磁力泵被江苏省质量技术监督局确认为质量信用产品。

2007 年“天祥牌”商标被江苏省工商行政管理局确认为著名商标。

2007 年 12 月塑料磁力泵被国家专利局授予发明专利。

2008 年 1 月磁力离心泵隔离套被国家专利局授予实用新型专利。

2008 年 5 月用聚醚醚酮粉末喷涂金属表面的方法被国家专利局授予发明专利。

2008 年 8 月“磁力驱动化工流程泵”被国家专利局授予发明专利。

2008 年塑料磁力泵获科技部火炬和创新基金立项。

2009 年塑料磁力驱动化工流程泵获科技部火炬和创新基金立项。

2010 年被江苏省科技厅确认为创新型企业。

2011 年被太仓市评为十佳研发型企业。

2012 年被科技部评为国家火炬计划重点高新技术企业。

2013 年被江苏省中小企业局认定为“创新能力建设示范企业”。

2013 江苏省经济和信息化委员会认定为“科技型中小企业”。

2013 中国民营科技促进会授予“民营科技发展贡献奖”。

2017 中国高效节能装备产业发展联盟“理事单位”。

2019 中国石油化学工业联合会授予“百佳供应商”。

2020 中国化工节能、减排、减水中心“理事单位”。

2021 江苏省新产品新技术目录



Company Introduction

Founded in 1979, Taicang Magnetic Drive Pump Co., Ltd. is the specialized manufacturer designing and producing magnetic drive pumps. For more than 40 years, based on the concept of product safety, reliability, durability, high efficiency and energy saving, the company has been committed to the innovation of magnetic pump technology, providing specialized equipment and technical support for chemical industry, petrochemical industry, pharmaceutical industry, pesticide industry, electricity industry, etc. The company has five authorized invention patents, fifteen utility model patents, and six copyright works. With an integration of professional design, research, manufacture and marketing, we have a leading international position in the field of magnetic drive pumps.

Our patented product – IMC Plastic Magnetic Drive Pump, and the new upgraded IMC Magnetic Drive Pump are fully conformed with the international standard ISO 2858. We improved the durability of our products by using Carborundum, tungsten carbide journal bearing and the technology of permanent magnetic Lanthanum. Applying with the according protection equipment, our Magnetic Drive pumps have significant higher levels of safety and reliability, which allow the applicable temperature of our new metal magnetic drive pump reached 400°C, the applicable temperature of our plastic magnetic drive pump reached 180°C. This technology has taken up a relatively leading position in world.

With the aim of contributing to the development of the society by new technology, we are building an international brand of magnetic drive pumps. Our own designed Magnetic Drive Pumps have been applied by well-known national enterprises such as CNPC Group, SINOPEC Group, SINOCHEN Cooperation, BAOSTEEL Group, as well as foreign-funded Chinese enterprises BASF, BAYER, DEGUSSA, DSM, HUNTSMAN, RHODIA, etc. In addition, the products are exported to Russia, Pakistan, Syria, Southeast Asia and other countries.

COMPANY MILESTONE:

In 1979, former Chinese Leader, also known as 'The Chief-Architect of China Economic Reformation', Deng Xiaoping, launched the Chinese economic reform and opening-up policy. As the first Chinese manufacturer of Magnetic-Driving Pump, Taicang Magnetic Pump Co., Ltd was established in the same year.

In 1982, Taicang Magnetic Pump Co.,Ltd made the first Chinese CSB fluoride plastic magnetic driving pump for the China Ministry of Chemical Industry (MCI), and passed the quality test of MCI.

In 1983, The CSB fluoride plastic magnetic driving pump won the third prize of MCI Chemical Technology.

In 1984, Taicang Magnetic Pump Co.,Ltd established R&D cooperation with Shanghai Chemical Industry Design Institute (SCIDI).

In 1984, Taicang Magnetic Pump Co.,Ltd was appointed as the specialized supplier of China Ministry of Chemical Industry (MCI).

In 1985, the products of Taicang Magnetic Pump Co., Ltd was recorded into Chinese chemical industry design handbook, Chinese pharmaceutical industry design handbook, Chinese mechanical industry design handbook, Chinese electrical industry design handbook, Chinese heating system design handbook, and Chinese-English dictionary.

In 1993, Taicang Magnetic Pump Co., Ltd started to develop IMC metal and plastic magnetic driving pump on the basis of ISO 2858 standard.

In 1995, Taicang Magnetic Pump Co., Ltd participated the setting and establishment process of the Chinese magnetic driving pump national standard.

In 1999, our IMC carbon-reinforced plastic magnetic driving pump was awarded as the Major Programs of the Chinese Jiangsu Province's Academy of Sciences during the 9th Five-Year Plan Period, and a provincial high technology product.

In 2000 Taicang Magnetic Pump Co., Ltd passed ISO 9001 standard.

In 2002, our magnetic-pump brand, Tianxiang, achieved Golden Award at the exposition of International Invention, patent, new technology and new product in Tianjin .

In 2006, our IMC plastic magnetic driving pump was awarded as Jiangsu Provincial high-tech product.

In 2007, Taicang Magnetic Pump Co., Ltd was appointed as High-technology enterprise by the science and technology bureau of Jiangsu Province (China).

In 2007, Tianxiang brand magnetic driving pump was awarded as one of the most reliable product by Jiangsu Bureau of Quality and Technical Supervision.

In 2007, our brand, 'Tianxiang', was awarded as Provincial Famous Brand by Jiangsu Administration for Industry and Commerce.

In December of 2007, our plastic magnetic driving pump was awarded patent of invention by China National Knowledge & Property Right Bureau.

In January of 2008, our self-designed isolation cover of magnetic driving pump was awarded Utility Model Patent by China National Knowledge & Property Right Bureau.

In May of 2008, our Polyetheretherketone coating technique was awarded invention patent by China National Knowledge & Property Right Bureau.

In August of 2008, our 'magnetic driving chemical process pump' was awarded invention patent by China National Knowledge & Property Right Bureau.



In 2008, our Plastic magnetic driving pump was proposed as one of the 'China Torch High-Techonology Development Programs' and the award of 'National Innovation Technology Fund'.

In 2009, our Magnetic-driving chemical process pump was proposed as one of the 'China Torch High-Techonology Development Programs' and the award of 'National Innovation Technology Fund'.

In 2010, we were appointed as Scientific Innovation enterprise by the science and technology bureau of Jiangsu Province (China).

In 2011, awarded as Top ten research and development enterprises by Taicang city.

In 2012, appointed as one of 'Enterprises of China Torch High-Techonology Development Programs', award by The Ministry of science and Technology of the Peoples Republic of China.

In 2013, recognized as 'Innovation Capacity Building Demonstration Enterprise' by Jiangsu Bureau of Small and Medium-sized Enterprises.

In 2013, recognized as 'Science and Technology Small and Medium-sized Enterprise' by Economic and Information Commission of Jiangsu Province (China).

In 2013, awarded as 'Private Science and Technology Development Contribution' by China Association for Promotion of Private Sci—Tech Enterprises.

In 2017, appointed as 'Director Unit' by China Industry Development Alliance for Efficiency & Energy Saving.

In 2019, awarded "Top 100 Supplier" by China Petroleum and Chemical Industry Federation.

In 2020, appointed as 'Director Unit' by China Chemical Energy Saving, Emission Reduction and Water Reduction Center.

In 2021, Catalogue of Jiangsu Province new technologies and new products.



产品介绍

磁力驱动泵应用现代磁学原理，采用推拉式磁路结构，实现力矩的无接触传递。磁力驱动泵主要由泵体、叶（齿）轮、磁性联轴器、隔离套、电动机等组成。叶（齿）轮和内磁钢组成一体，装在由泵体和隔离套组成的密封体内；电动机带动外磁钢，外磁钢带动内磁钢，使叶（齿）轮旋转，从而由静密封代替动密封，达到无泄漏输送介质。

根据以上原理，磁力泵成为一种变动密封为静密封，并达到无泄漏的耐腐蚀性泵。

泵的过流部件材料为采用各种不锈钢和 PVD、PFA、PEEK 等塑料。产品具有极强的耐腐蚀性。

产品广泛应用于化工、石油化工、医药、农药、冶炼、冶金、发电、造纸等行业，用于输送易燃、易爆、剧毒及其它贵重液体。

该泵按照国际标准 / 国标 ISO2858/GB5662 设计，产品具有结构简单、操作简便、安装维修方便，各项技术性能优于国内同类产品等优点。

金属磁力离心泵最高使用温度达到 400℃，塑料磁力离心泵使用温度达到 220℃

磁力驱动离心泵的特点：

- 1、没有动密封，绝对无泄漏。
- 2、磁体采用稀土类磁钢和新型磁路结构，传动力矩较大。
- 3、由于本产品设计特点，泵结构简单，维修方便。
- 4、独特的润滑和冷却回路，保证轴承有良好的冷却和润滑。
- 5、泵的过流部件材料根据需要可分别采用 304、316、316L、钛合金、镍基合金，以及各种纤维增强的 PVDF、PFA、PEEK 等，具有优良的耐腐蚀性和耐高温性。
- 6、泵的性能、外型安装尺寸符合国际标准 / 国标 ISO2858/GB5662。

尽管相对于其他泵前期投入较大，但能节省检修、维护的时间，不对化工生产造成影响

Product Introduction

A magnetic drive pump operates on a push-pull magnetic circuit. The pump is driven by magnetic forces instead of direct mechanical forces. The main components of a magnetic drive pump are pump casing, impeller, magnetic drive, shroud and motor. The impeller and inner magnetic carrier are sealed together inside of the pump casing and shroud. The motor drives the outer magnetic carrier, which transmits torque to the impeller via the magnetic coupling with the inner carrier.

As a result of this design, the pump is equipped with a statistic seal as opposed to a dynamic seal. This in turn completely separates the pump chamber from the drive motor, eliminating leaks caused by drive seal failure.

Depending on model, our pump components are made from a combination of stainless steel, and PVD, PFA, and PEEK plastics. The use of these materials, along with the nature of magnetic drive lead to high corrosion resistance in our pumps.

Our design can be used for the transfer of corrosive, flammable, toxic, hazardous, and precious liquids. Applications can be found in chemical, petrochemical, pharmaceutical, agrochemical, metallurgy, power production, paper making, and other industries.

The Taicang magnetic drive pumps are designed and built in accordance with ISO2858 and GB5662 standards. They are simple to operate, install, and maintain, while achieving equal to better performance than our competitors.

Our stainless steel magnetic drive centrifugal pumps have an operating temperature of up to 400°C, and our plastic based pumps can operate with temperatures up to 220°C.

Taicang Centrifugal Magnetic Drive Pump Characteristics

1. The lack of a dynamic seal ensures reliable no-leak operation.
2. The magnetic drive is designed and built to produce superior torque transfer
3. The Magnetic Drive can be serviced independently from the pump chamber, without breaking the seal. This design is easy to maintain and provides consistent reliable operation
4. Unique lubrication and cooling systems increase pump durability and operating temperature range
5. Our pump components are composed of anti-corrosive and heat tolerant materials, such as 304, 316, 316L, UB6, CD4MCu, Ti-alloy, Ni base alloy, F2, F3, PES, PEEK. We can manufacture pumps customized to your needs.
6. All Taicang Magnetic Drive Pumps conform to ISO2858 and GB5662 standards.

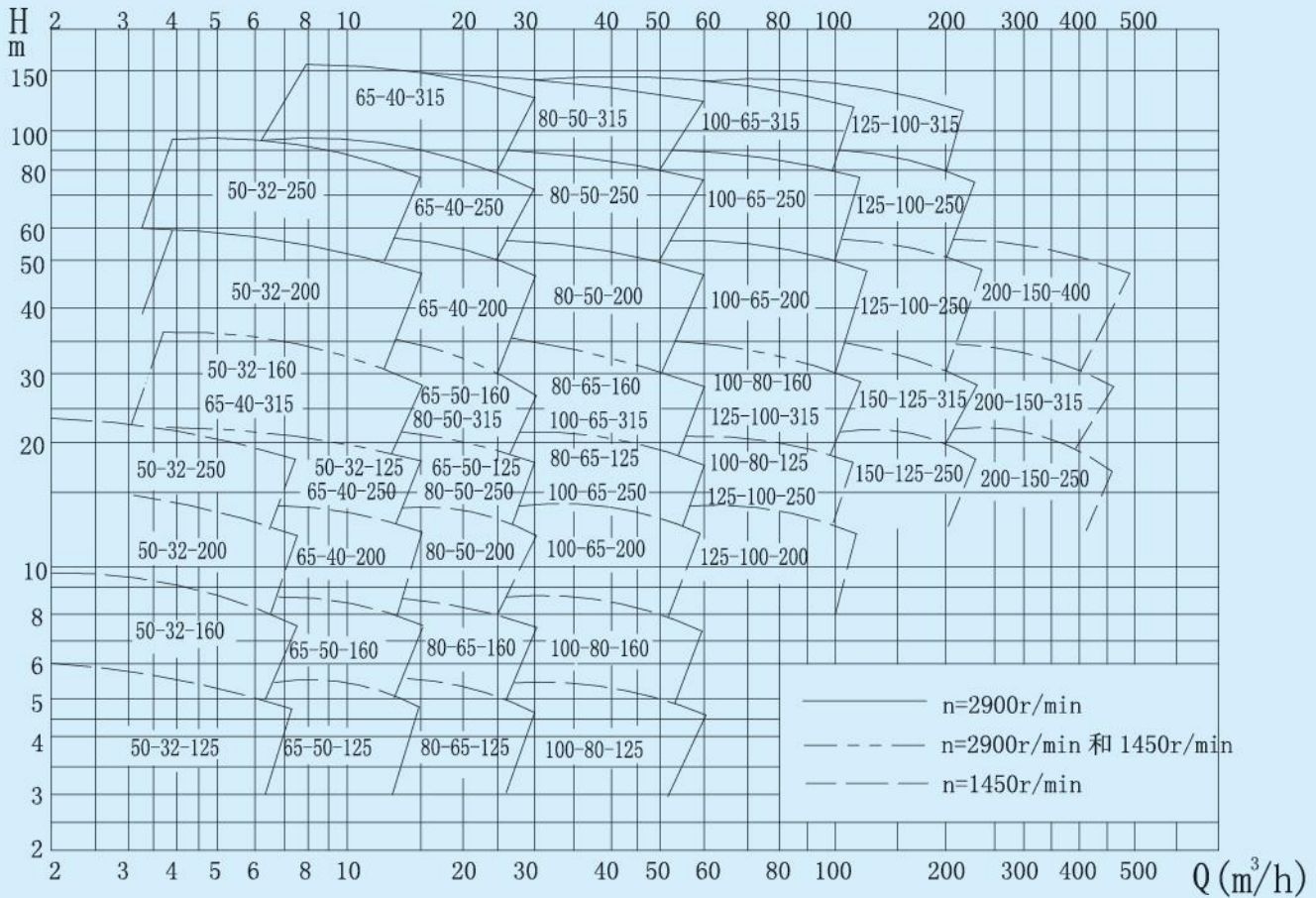
Despite a higher initial cost than conventional pumps, the Taicang Magnetic Drive pump will save your organization downtime, waste, service, and other additional problems.

一、IMC(IMCX、IMCS)型金属塑料磁力离心泵

泵的标记 — Pump's Remark



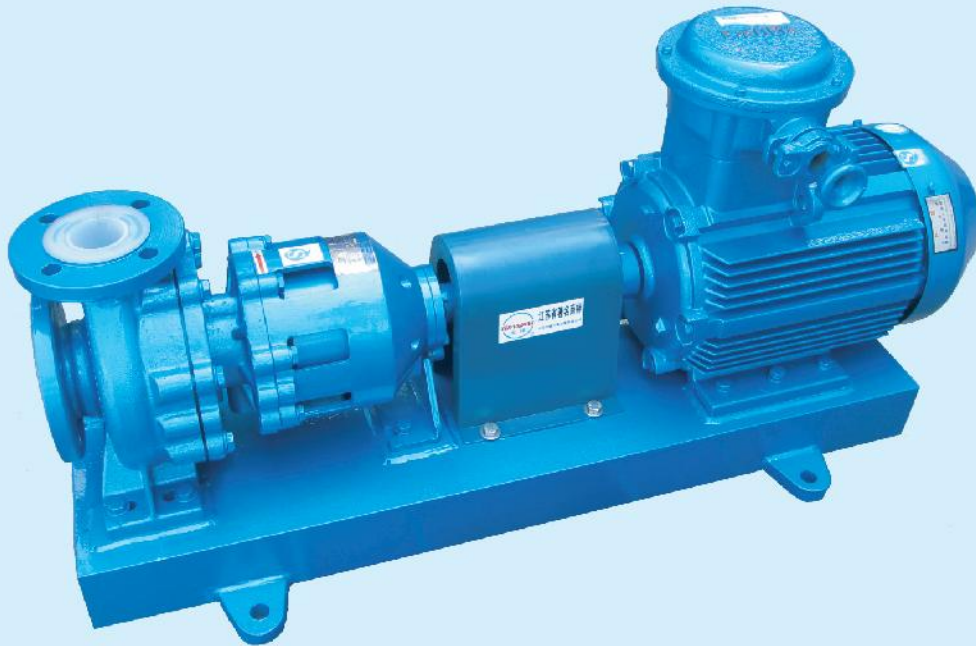
型 谱 图
Type Arrangement Chart



1、IMC/IMCX型塑料磁力离心泵 IMC/IMCX Plastic Magnetic Centrifugal Pump

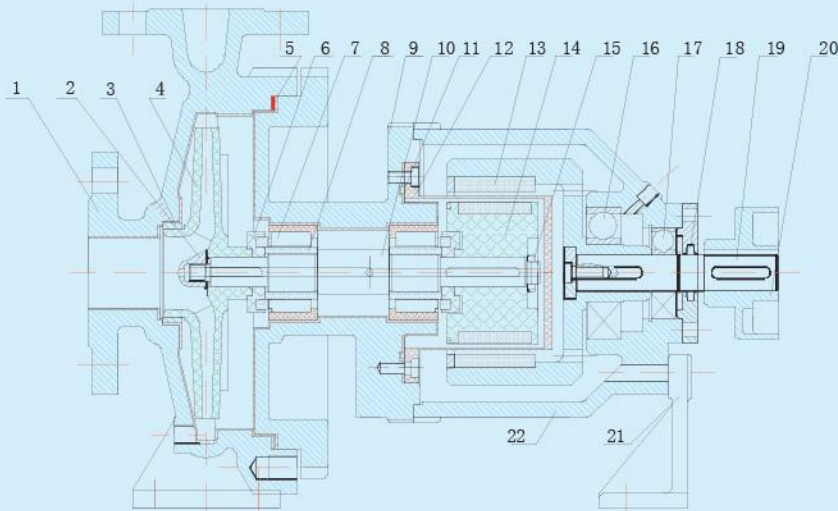
(1)、IMC型塑料磁力离心泵脂润滑产品图

Product Diagram of IMC Plastic Magnetic Centrifugal Pump Lubricating Grease



(1)、IMC 型塑料磁力离心泵脂润滑剖面图

Assembly Drawing of IMC Plastic Magnetic Centrifugal Pump Lubricating Grease

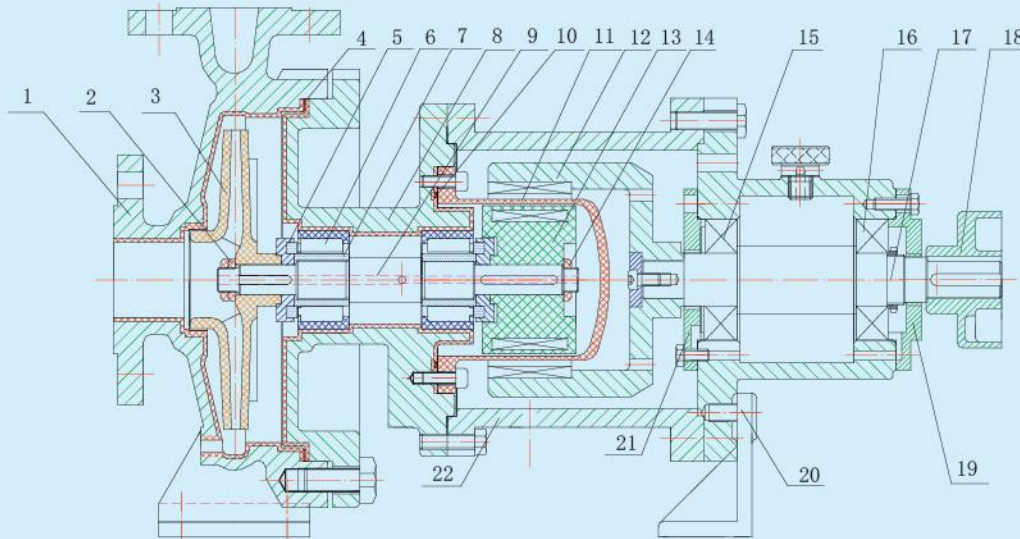


- 1.泵体; 2.叶轮螺母; 3.密封环; 4.叶轮; 5.密封垫; 6.止推轴承; 7.滑动轴承; 8.轴套; 9.中体; 10.泵轴; 11.密封圈; 12.隔离套; 13. 外联轴器; 14.内联轴器; 15.螺母; 16、17 轴承; 18.轴承压盖; 19. 轴; 20.加长联轴器; 21.托架; 22.悬架
- 1.casing; 2.impeller nut; 3.seal ring; 4.impeller; 5.gasket; 6.thrust bearing;7.journal bearing;8.shaft sleeve; 9.joint; 10.pump shaft;11.gasket ring;12.shroud;13.out magnetic coupling 19.shaft;20.extended coupling;21.lift stand;22.suspension

(2)、IMCX型塑料磁力离心泵油润滑产品图
 Product Diagram of IMCX Plastic Magnetic Centrifugal Pump Lubricating Oil



(2)、IMCX型塑料磁力离心泵油润滑剖面图
 Assembly Drawing of IMCX Plastic Magnetic Centrifugal Pump Lubricating Oil

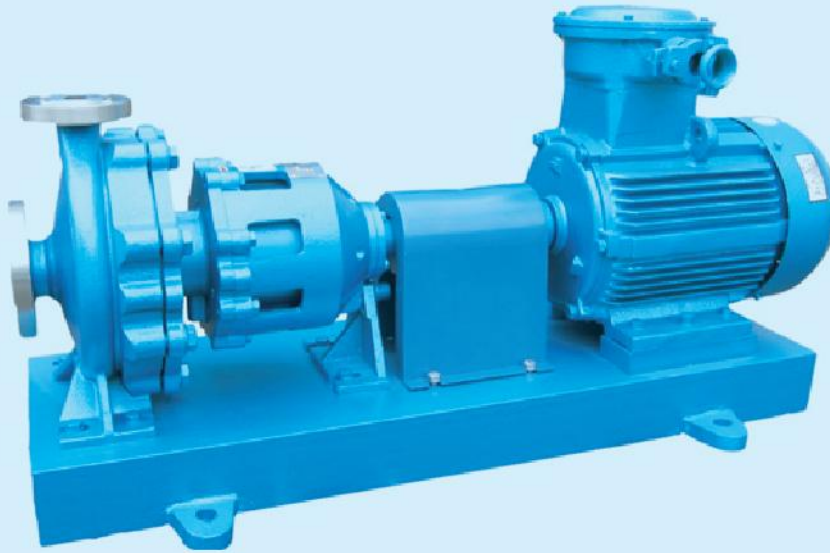


- 1.泵体; 2.叶轮螺母; 3.叶轮; 4.密封垫; 5.止推轴承; 6.滑动轴承; 7.轴套; 8.中体; 9.泵轴; 10.密封圈; 11.隔离套; 12.外磁钢; 13.内联磁钢; 14.螺母; 15、16 轴承; 17.轴; 18.加长联轴器; 19.后轴承压盖; 20.托架; 21.前轴承压盖; 22.悬架
- 1.casing; 2.impeller nut; 3.impeller; 4.gasket; 5.thrust bearing; 6.journal bearing; 7.shaft sleeve; 8.joint; 9.pump shaft; 10.gasket ring; 11.shroud; 12.out magnetic; 13.inner magnetic; 14.nut; 15, 16 bearing; 17.shaft; 18.extended coupling; 19.oil seal cover; 20.lift stand; 21.oil seal cover; 22.suspension

2、IMC型金属磁力离心泵 IMC Metal Magnetic Centrifugal Pump

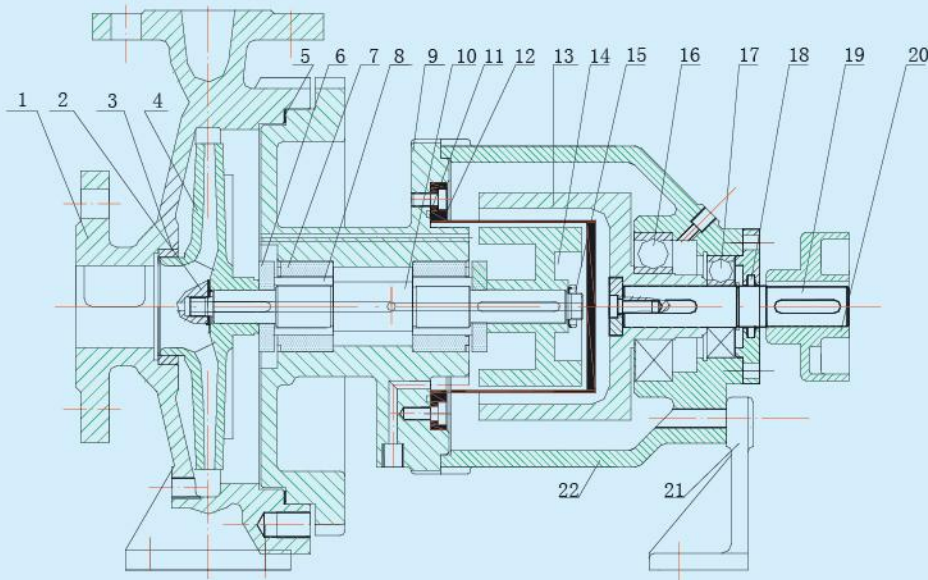
(1)、IMC型金属磁力离心泵脂润滑产品图

Product Diagram of IMC Metal Magnetic Centrifugal Pump Lubricating Grease



(1)、IMC 型金属磁力离心泵脂润滑剖面图

Assembly Drawing of IMC Metal Magnetic Centrifugal Pump Lubricating Grease



1.泵体; 2.叶轮螺母; 3.密封环; 4.叶轮; 5.密封垫; 6.止推轴承; 7.滑动轴承; 8.轴套; 9.中体; 10.泵轴; 11.密封圈; 12.隔离套; 13. 外联轴器; 14.内联轴器; 15.螺母; 16、17 轴承; 18.轴承压盖; 19. 轴; 20.加长联轴器; 21.托架; 22.悬架

1.casing; 2.impeller nut; 3.seal ring; 4.impeller; 5.gasket; 6.thrust bearing; 7.journal bearing; 8.shaft sleeve; 9.joint; 10.pump shaft; 11.gasket ring; 12.shroud; 13.out magnetic coupling 19.shaft; 20.extended coupling; 21.lift stand; 22.suspension

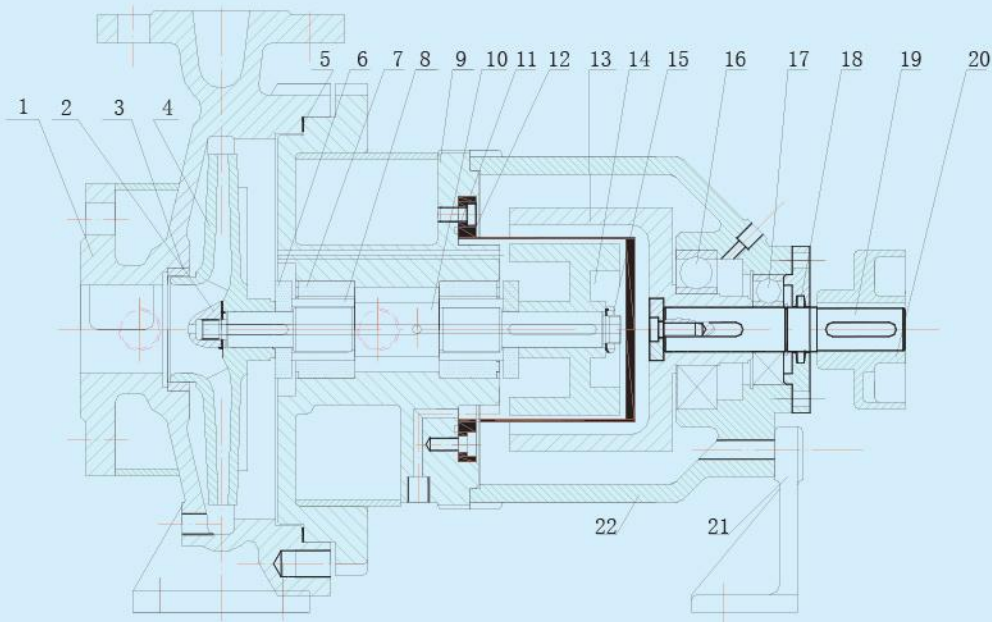
(2)、IMC 型金属磁力离心泵脂润滑(带夹套)产品图

Product Diagram of IMC Metal Magnetic Centrifugal Pump Lubricating Grease (with jacket)



(2)、IMC 型金属磁力离心泵脂润滑(带夹套)剖面图

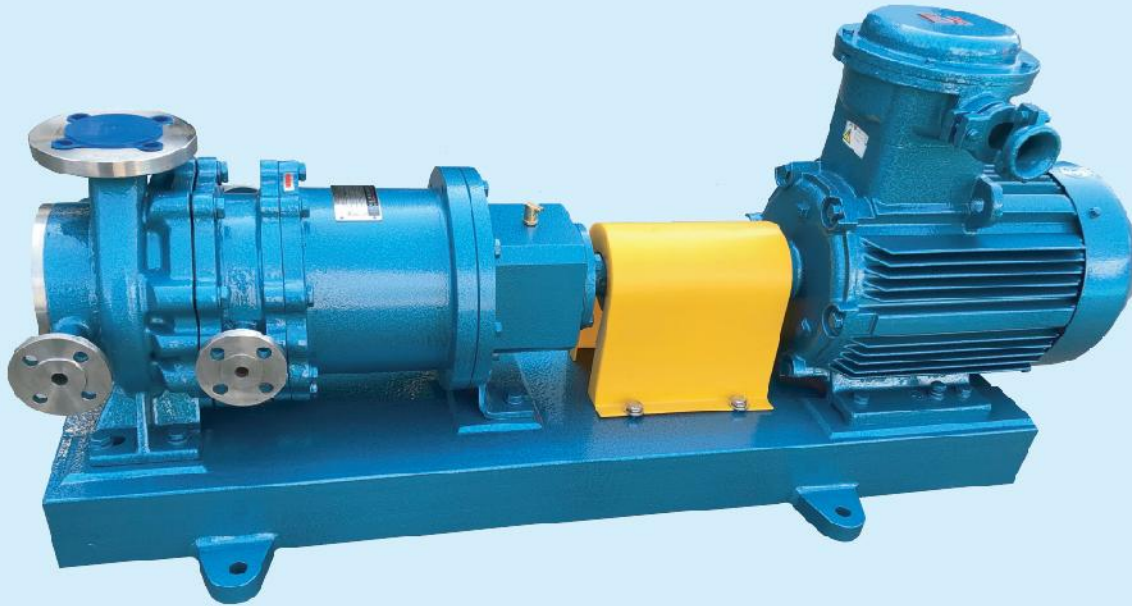
Assembly Drawing of IMC Metal Magnetic Centrifugal Pump Lubricating Grease (with jacket)



- 1.泵体; 2.叶轮螺母; 3.密封环; 4.叶轮; 5.密封垫; 6.止推轴承; 7.滑动轴承; 8.轴套; 9.中体; 10.泵轴; 11.密封圈; 12.隔离套; 13. 外联轴器; 14.内联轴器; 15.螺母; 16、17 轴承; 18.轴承压盖; 19. 轴; 20.加长联轴器; 21.托架; 22.悬架
- 1.casing; 2.impeller nut; 3.seal ring; 4.impeller; 5.gasket; 6.thrust bearing;7.journal bearing;8.shaft sleeve; 9.joint; 10.pump shaft;11.gasket ring;12.shroud;13.out magnetic coupling 19.shaft;20.extended coupling;21.lift stand;22.suspension

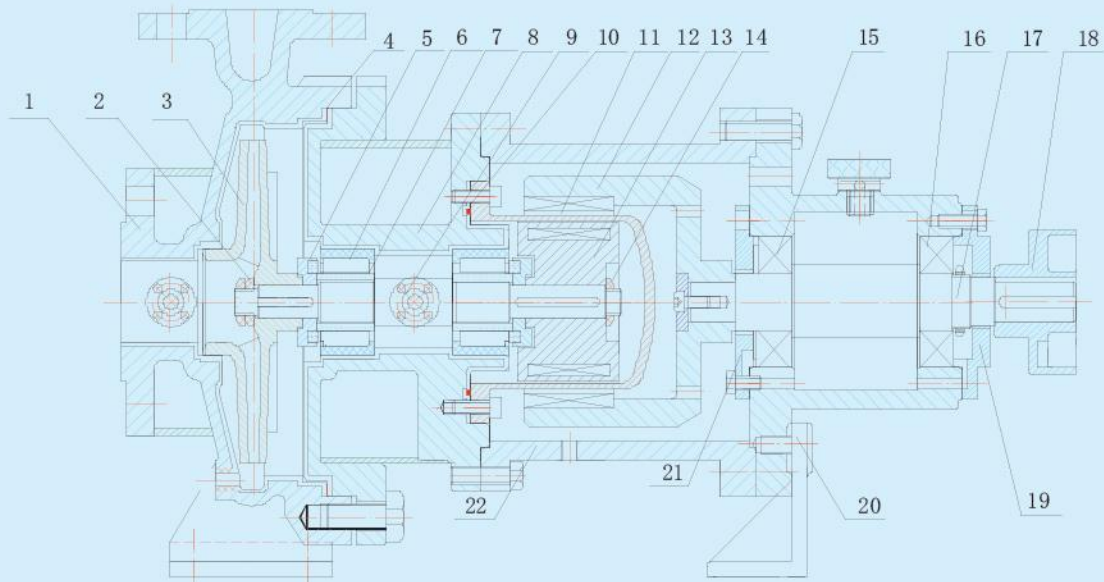
(3)、IMC型金属磁力离心泵油润滑（带夹套）产品图

Product Diagram of IMC Metal Magnetic Centrifugal Pump Lubricating Oil (with jacket)



(3)、IMC型金属磁力离心泵油润滑（带夹套）剖面图

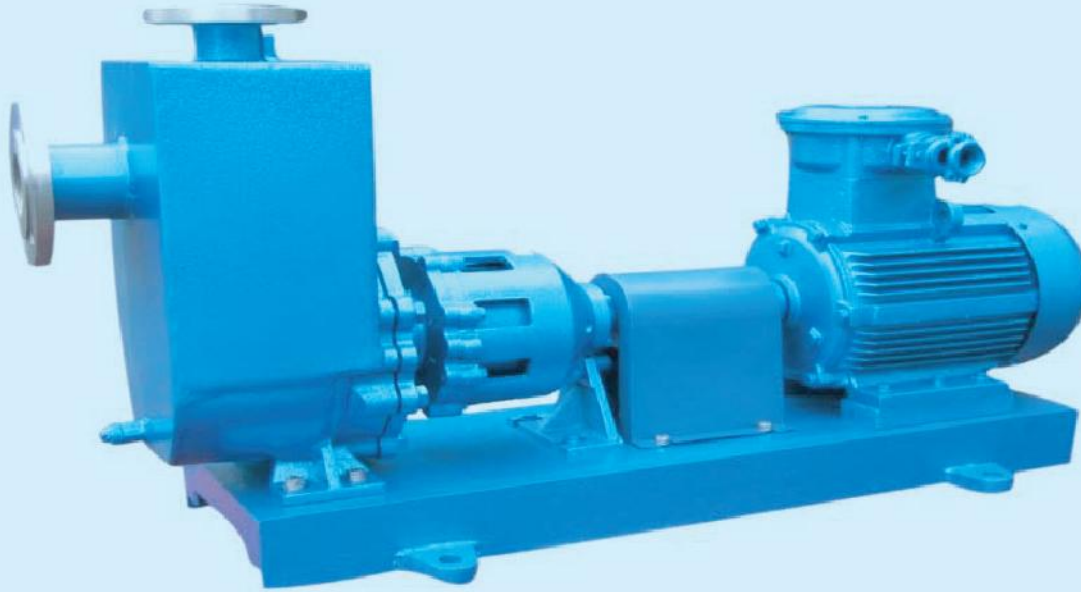
Assembly Drawing of IMC Metal Magnetic Centrifugal Pump Lubricating Oil (with jacket)



- 1.泵体；2.叶轮螺母；3.叶轮；4.密封垫；5.止推轴承；6.滑动轴承；7.轴套；8.中体；9.泵轴；10.密封圈；11.隔离套；12.外磁钢；13.内联磁钢；14.螺母；15、16轴承；17.轴；18.加长联轴器；19.后轴承压盖；20.托架；21.前轴承压盖；22.悬架
- 1.casing; 2.impeller nut; 3.impeller; 4.gasket; 5.thrust bearing; 6.journal bearing; 7.shaft sleeve; 8.joint; 9.pump shaft; 10.gasket ring; 11.shroud; 12.out magnetic; 13.inner magnetic; 14.nut; 15,16.bearing; 17.shaft; 18.extended coupling; 19.oil seal cover; 20.lift stand; 21.oil seal cover; 22.suspension

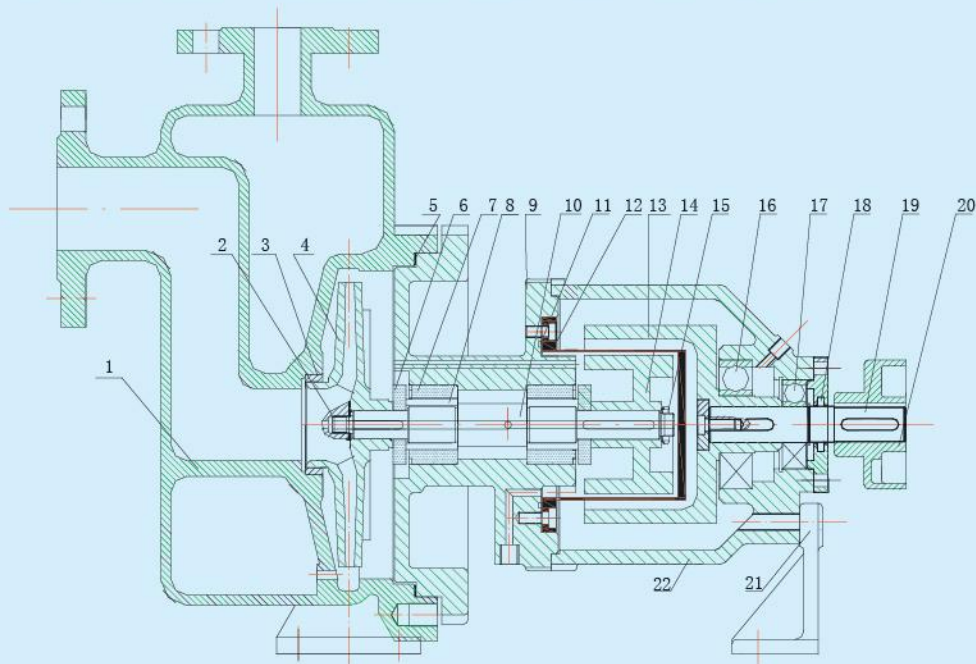
(4)IMC 型自吸式金属磁力离心泵产品图

Product Diagram of IMC Metal Magnetic Centrifugal Pump (self-suction)



(4)IMC 型自吸式金属磁力离心泵剖面图

Assembly Drawing of IMC Metal Magnetic Centrifugal Pump (self-suction)



- 1.泵体; 2.叶轮螺母; 3.密封环; 4.叶轮; 5.密封垫; 6.止推轴承 7.滑动轴承; 8.轴套; 9.中体; 10.泵轴; 11.密封圈; 12.隔离套; 13. 外联轴器; 14.内联轴器; 15.螺母; 16、17 轴承; 18.轴承压盖; 19. 轴; 20.加长联轴器; 21.托架; 22.悬架
- 1.casing; 2.impeller nut; 3.seal ring; 4.impeller; 5.gasket; 6.thrust bearing;7.journal bearing;8.shaft sleeve; 9.joint; 10.pump shaft;11.gasket ring;12.shroud;13.out magnetic coupling 14.inner magnetic coupling;15.nut;16.17.bearing;18.oil seal cover 19.shaft;20.extended coupling;21.lift stand;22.suspension

3、IMCS型金属、塑料磁力离心泵 IMCS Metal, plastic Magnetic Centrifugal Pump

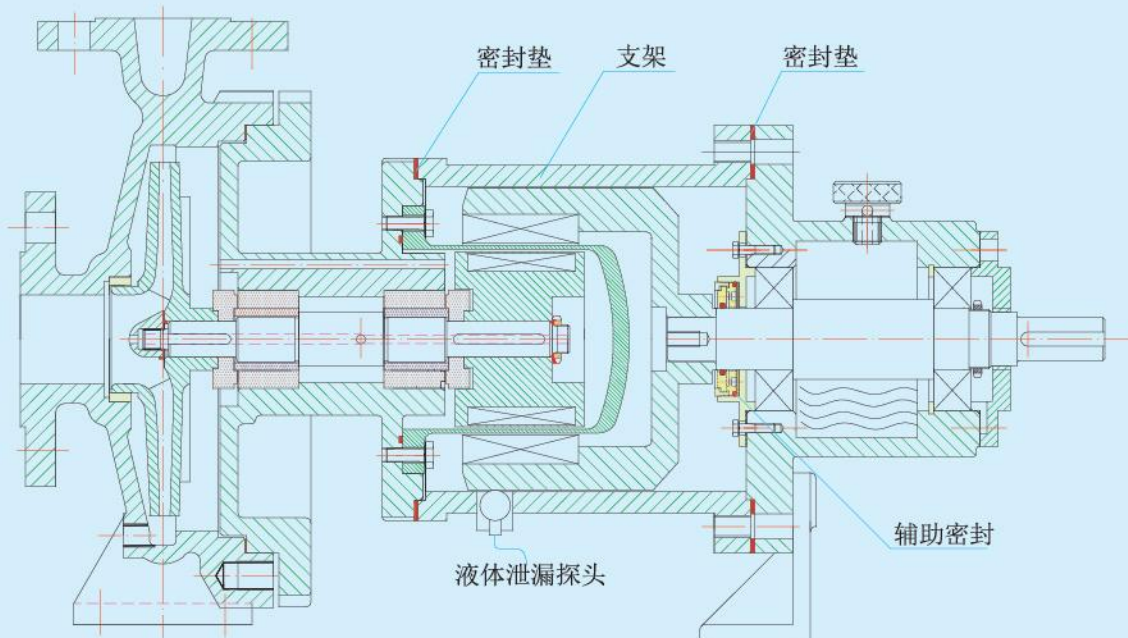
(1)、IMCS型磁力离心泵(双重泄漏保护)油润滑产品图

Product Diagram of IMCS Magnetic Centrifugal Pump Lubricating Oil (double anti-leakage protection)



(1)、IMCS 型磁力离心泵(双重泄漏保护)油润滑剖面图

Assembly Drawing of IMCS Magnetic Centrifugal Pump Lubricating Oil (double anti-leakage protection)





二、IMC(IMCX)塑料磁力离心泵 IMC(IMCX) Plastic Magnetic Centrifugal Pump,
 金属磁力离心泵性能参数表 performance diagram for Metal Magnetic Centrifugal Pump

IMC(IMCX、IMCS) 性能参数表

Performance Parameter Table

参数 Parameter 型号Type	流量 Flow Rate m ³ /h	扬程 Head M	转速 Rotational Speed r/min	轴功 率 Shaft Power Pa KW	效率 η %	气 蚀 余量 NPSH	配带电动机型号功率 (Motor Power)KW		
							输送介质比重 (Medium Density)g/cm ³		
							1	1.35	1.85
25-20-110	1.8	16	2800	0.35	22	2.0	JW7122	Y _{YB} 801-2	Y _{YB} 802-2
	2.5	15		0.36	28				
	3.3	13.5		0.41	29				
25-20-125	1.8	20.6	2800	0.56	18	2.0	Y _{YB} 802-2	Y _{YB} 90S-2	Y _{YB} 90L-2
	2.5	20		0.57	24				
	3.3	18		0.70	23				
25-20-160	1.8	33	2900	1.09	15	2.0	Y _{YB} 90S-2	Y _{YB} 90L-2	Y _{YB} 100L-2
	2.5	32		1.10	19				
	3.3	30		1.3	20				
32-25-110	2.8	16	2900	0.4	30	2.0	Y _{YB} 801-2	Y _{YB} 802-2	Y _{YB} 90S-2
	4	15		0.45	36				
	5.2	13.5		0.54	35				
32-25-125	2.8	20.6	2900	0.65	24	2.0	Y _{YB} 802-2	Y _{YB} 90S-2	Y _{YB} 90L-2
	4	20		0.72	30				
	5.2	18		0.87	29				
32-25-160	2.8	33	2900	1.25	20	2.0	Y _{YB} 90L-2	Y _{YB} 100L-2	Y _{YB} 112M-2
	4	32		1.33	26				
	5.2	30		1.56	27				
40-25-125	3.8	22	2900	0.86	32	2.0	Y _{YB} 90L-2	Y _{YB} 100L-2	Y _{YB} 112M-2
	6.3	20		0.96	36				
	7.6	18.6		1.05	37				
40-25-160	3.8	34.5	2900	1.51	29	2.0	Y _{YB} 100L-2	Y _{YB} 112M-2	Y _{YB} 112M-2
	6.3	32		1.66	33				
	7.6	28		1.92	34				
40-25-200	3.8	52.5	2900	2.70	23	2.0	Y _{YB} 112M-2	Y _{YB} 132S ₁ -2	Y _{YB} 132S ₂ -2
	6.3	50		3.0	28				
	7.6	47.2		3.32	29				
50-32-125	7.5	22	2900	1.32	34	2.0	Y _{YB} 100L-2	Y _{YB} 112M-2	Y _{YB} 112M-2
	12.5	20		1.48	46				
	15	18.5		1.61	47				
50-32-125A	6.8	18	2900	1.04	32	2.0	Y _{YB} 90L-2	Y _{YB} 100L-2	Y _{YB} 100L-2
	11.3	16.2		1.13	44				
	13.6	14.5		1.19	45				
50-32-125B	6.3	16	2900	0.92	30	2.0	Y _{YB} 90L-2	Y _{YB} 90L-2	Y _{YB} 100L-2
	10.6	14.5		0.97	43				
	12.7	13		1.02	44				
50-32-160	7.5	34.5	2900	2.31	30.5	2.0	Y _{YB} 112M-2	Y _{YB} 112M-2	Y _{YB} 132S ₁ -2
	12.5	32		2.66	41				
	15	29		2.82	42				
50-32-160A	6.8	28.5	2900	1.88	28	2.0	Y _{YB} 100L-2	Y _{YB} 100L-2	Y _{YB} 112M-2
	11.3	26		2.05	39				
	13.6	23		2.13	40				
50-32-160B	6.3	25.5	2900	1.59	27.5	2.0	Y _{YB} 100L-2	Y _{YB} 100L-2	Y _{YB} 112M-2
	10.6	23.1		1.75	38				
	12.7	20.5		1.82	39				



IMC(IMCX、IMCS) 性能参数表

Performance Parameter Table

参数 Parameter 型号Type	流量 Flow Rate m ³ /h	扬程 Head M	转速 Rotational Speed r/min	轴功 率 Shaft Power Pa KW	效率 η %	气 蚀 余量 NPSH	配带电动机型号功率 (Motor Power)KW 输送介质比重 (Medium Density)g/cm ³		
							1	1.35	1.85
							50-32-200	7.5 12.5 15	52.5 50 48
50-32-200A	6.8 11.3 13.6	43 40.5 38.5	2900	3.32 3.67 3.95	24 34 37	2.0 2.0 2.5	Y YB132S ₁ -2 5.5	Y YB132S ₁ -2 5.5	Y YB132S ₂ -2 7.5
50-32-200B	6.3 10.6 12.7	38.5 36 34	2900	2.75 3.05 3.18	24 34 37	2.0 2.0 2.5	Y YB132S ₁ -2 5.5	Y YB132S ₁ -2 5.5	Y YB132S ₂ -2 7.5
50-32-250	7.5 12.5 15	82 80 78.5	2900	8.16 9.07 9.72	20.5 30 33	2.0 2.0 2.5	Y YB160M ₂ -2 15	Y YB160M ₂ -2 15	Y YB160L-2 18.5
50-32-250A	6.8 11.3 13.6	67 65 63.5	2900	6.21 6.90 7.35	20 29 32	2.0 2.0 2.5	Y YB160M ₁ -2 11	Y YB160M ₁ -2 11	Y YB160M ₂ -2 15
50-32-250B	6.3 10.6 12.7	59.8 57.8 56.3	2900	5.13 5.75 6.10	20 29 32	2.0 2.0 2.5	Y YB160M ₁ -2 11	Y YB160M ₁ -2 11	Y YB160M ₂ -2 15
65-50-125	15 25 30	22 20 18.5	2900	1.96 2.31 2.47	46 59 61	2.0 2.0 2.5	Y YB112M-2 4	Y YB112M-2 4	Y YB132S ₁ -2 5.5
65-50-125A	13.5 22.5 27	18 16.2 14.5	2900	1.47 1.71 1.77	45 58 60	2.0 2.0 2.5	Y YB100L-2 3	Y YB100L-2 3	Y YB112M-2 4
65-50-125B	12.8 21.3 25.6	16.5 14.5 13	2900	1.24 1.45 1.51	45 58 60	2.0 2.0 2.5	Y YB100L-2 3	Y YB100L-2 3	Y YB112M-2 4
65-50-160	15 25 30	35 32 30	2900	3.25 3.96 4.38	44 55 56	2.0 2.0 2.5	Y YB132S ₁ -2 5.5	Y YB132S ₂ -2 7.5	Y YB160M ₁ -2 11
65-50-160A	13.5 22.5 27	28.5 26 24	2900	2.44 3.12 3.39	43 51 52	2.0 2.0 2.5	Y YB112M-2 4	Y YB132S ₁ -2 5.5	Y YB132S ₂ -2 7.5
65-50-160B	12.8 21.3 25.6	25.5 23.1 21.0	2900	2.12 2.68 2.87	42 50 51	2.0 2.0 2.5	Y YB112M-2 4	Y YB112M-2 4	Y YB132S ₁ -2 5.5
65-40-200	15 25 30	53 50 47	2900	6.02 7.09 7.83	36 48 49	2.0 2.0 2.5	Y YB160M ₁ -2 11	Y YB160M ₁ -2 11	Y YB160M ₂ -2 15
65-40-200A	13.5 22.5 27	43 40.5 37.5	2900	4.52 5.39 5.87	35 46 47	2.0 2.0 2.5	Y YB132S ₂ -2 7.5	Y YB160M ₁ -2 11	Y YB160M ₁ -2 11
65-40-200B	12.8 21.3 25.6	38.5 36 34.5	2900	3.84 4.54 5.11	35 46 47	2.0 2.0 2.5	Y YB132S ₂ -2 7.5	Y YB132S ₂ -2 7.5	Y YB160M ₁ -2 11

IMC(IMCX、IMCS) 性能参数表

Performance Parameter Table
 Rotational Speed r/ min

参数 Parameter 型号Type	流量 Flow Rate m ³ /h	扬程 Head M	转速 Rotational Speed r/min	轴功率 Shaft Power Pa KW	效率 η %	气蚀 余量 NPSH	配带电动机型号功率 (Motor Power)KW		
							输送介质比重 (Medium Density)g/cm ³		
							1	1.35	1.85
65-40-250	15	82	2900	12.42	27	2.0	Y	Y	Y
	25	80		13.96	39	2.0	YB160L-2	YB180M-2	YB200L-2
	30	78.5		15.64	41	2.5	18.5	22	30
65-40-250A	13.5	67	2900	9.47	26	2.0	Y	Y	Y
	22.5	65		10.48	38	2.0	YB160M ₂ -2	YB160L-2	YB180M-2
	27	63.5		11.67	40	2.5	15	18.5	22
65-40-250B	12.8	59.8	2900	8.03	26	2.0	Y	Y	Y
	21.3	57.8		8.83	38	2.0	YB160M ₂ -2	YB160M ₂ -2	YB160L-2
	25.6	56.3		9.81	40	2.5	15	15	18.5
65-40-315	15	127	2900	27.33	19	2.4	Y	Y	Y
	25	125		27.44	31	2.4	YB200L ₂ -2	YB225M-2	YB280S-2
	30	123		30.44	33	3.0	37	45	75
65-40-315A	13.5	103	2900	18.93	20	2.4	Y	Y	Y
	22.5	101		20.63	30	2.4	YB200L ₁ -2	YB200L ₁ -2	YB225M-2
	27	98		22.52	32	3.0	30	30	45
65-40-315B	12.8	92	2900	16.05	20	2.4	Y	Y	Y
	21.3	90		17.41	30	2.4	YB180M-2	YB200L ₁ -2	YB200L ₂ -2
	25.6	88		19.17	32	3.0	22	30	37
80-65-125	30	22.5	2900	3.40	54	2.4	Y	Y	Y
	50	20		4.19	65	2.4	YB132S ₁ -2	YB132S ₂ -2	YB160M ₁ -2
	60	18		4.60	64	3.0	5.5	7.5	11
80-65-125A	27.6	18.5	2900	2.68	52	2.4	Y	Y	Y
	46	16.2		3.22	63	2.4	YB132S ₁ -2	YB132S ₁ -2	YB132S ₂ -2
	55.2	14		3.39	62	3.0	5.5	5.5	7.5
80-65-125B	25.5	16.5	2900	2.20	52	2.4	Y	Y	Y
	42.5	14.5		2.66	63	2.4	YB112M-2	YB112M-2	YB132S ₁ -2
	51	12.5		2.80	62	3.0	4	4	5.5
80-65-160	30	34	2900	5.55	50	2.4	Y	Y	Y
	50	32		7.03	62	2.4	YB160M ₁ -2	YB160M ₁ -2	YB160M ₂ -2
	60	29		7.78	61	3.0	11	11	15
80-65-160A	27.6	28.5	2900	4.56	47	2.4	Y	Y	Y
	46	26		5.52	59	2.4	YB132S ₂ -2	YB160M ₁ -2	YB160M ₂ -2
	55.2	23		5.96	58	3.0	7.5	11	15
80-65-160B	25.5	25.5	2900	3.77	47	2.4	Y	Y	Y
	42.5	23.1		4.53	59	2.4	YB132S ₂ -2	YB132S ₂ -2	YB160M ₁ -2
	51	20.0		4.79	58	3.0	7.5	7.5	11
80-50-200	30	53	2900	9.84	44	2.4	Y	Y	Y
	50	50		11.75	58	2.4	YB160M ₂ -2	YB160L-2	YB200L ₁ -2
	60	47		12.84	60	3.0	15	18.5	30
80-50-200A	27.6	43	2900	7.52	43	2.4	Y	Y	Y
	46	40.5		8.90	57	2.4	YB160M ₁ -2	YB160M ₂ -2	YB160L-2
	55.2	37.5		9.55	59	3.0	11	15	18.5
80-50-200B	25.5	39	2900	6.30	43	2.4	Y	Y	Y
	42.5	36		7.31	57	2.4	YB160M ₁ -2	YB160M ₁ -2	YB160M ₂ -2
	51	33		7.73	59	3.0	11	11	15



IMC(IMCX、IMCS) 性能参数表

Performance Parameter Table

参数 Parameter 型号Type	流量 Flow Rate m ³ /h	扬程 Head M	转速 Rotational Speed r/min	轴功率 Shaft Power Pa KW	效率 η %	气蚀 余量 NPSH	配带电动机型号功率 (Motor Power)KW		
							输送介质比重 (Medium Density)g/cm ³		
							1	1.35	1.85
80-50-250	30	84	2900	17.15	40	2.4	Y	Y	Y
	50	80		21.38	51		YB200L ₁ -2	YB200L ₂ -2	YB225M-2
	60	75		23.61	52		30	37	45
80-50-250A	27.6	69	2900	12.97	40	2.4	Y	Y	Y
	46	65		16.29	50		YB180M-2	YB200L ₁ -2	YB200L ₂ -2
	55.2	60		17.68	51		22	30	37
80-50-250B	25.5	61.8	2900	10.72	40	2.4	Y	Y	Y
	42.5	57.8		13.38	50		YB160L-2	YB180M-2	YB200L ₁ -2
	51	52.8		14.38	51		18.5	22	30
80-50-315	30	128	2900	36.05	29	2.4	Y	Y	Y
	50	125		40.56	42		YB250M-2	YB280S-2	YB280M-2
	60	123		44.75	45		55	75	90
80-50-315A	27.6	103	2900	27.39	28	2.4	Y	Y	Y
	46	101		30.67	41		YB225M-2	YB250M-2	YB280S-2
	55.2	98		33.47	44		45	55	75
80-50-315B	25.5	92	2900	20.81	28	2.4	Y	Y	Y
	42.5	90		25.42	41		YB200L ₁ -2	YB225M-2	YB250M-2
	51	88		27.78	44		30	45	55
100-80-125	60	23	2900	6.49	58	3.2	Y	Y	Y
	100	20		7.90	69		YB160M ₁ -2	YB160M ₂ -2	YB160L-2
	120	16.5		8.29	65		11	15	18.5
100-80-125A	54	19.2	2900	4.95	57	3.2	Y	Y	Y
	90	16.2		5.84	68		YB132S ₂ -2	YB160M ₁ -2	YB160M ₁ -2
	108	12.9		5.93	64		7.5	11	11
100-80-125B	48	17.5	2900	4.08	56	3.2	Y	Y	Y
	80	14.5		4.71	67		YB132S ₂ -2	YB132S ₂ -2	YB160M ₁ -2
	96	11		4.57	63		7.5	7.5	11
100-80-160	60	35	2900	10.23	56	3.2	Y	Y	Y
	100	32		13.02	67		YB160L-2	YB180M-2	YB200L ₁ -2
	120	28		14.28	64		18.5	22	30
100-80-160A	54	29	2900	7.75	55	3.2	Y	Y	Y
	90	26		9.66	60		YB160M ₂ -2	YB160M ₂ -2	YB180M-2
	108	22		10.27	63		15	15	22
100-80-160B	48	26	2900	6.29	54	3.2	Y	Y	Y
	80	23.1		7.74	65		YB160M ₁ -2	YB160M ₁ -2	YB160M ₂ -2
	96	19		8.01	62		11	11	15
100-65-200	60	54	2900	17.33	51	3.2	Y	Y	Y
	100	50		21.98	62		YB200L ₁ -2	YB200L ₂ -2	YB250M-2
	120	47		24.38	63		30	37	55
100-65-200A	54	44.5	2900	14.71	51	3.2	Y	Y	YYB
	90	40.5		16.01	62		YB180M-2	YB200L ₁ -2	200L ₂ -2
	108	37.5		17.5	63		22	30	37
100-65-200B	48	40	2900	10.46	50	3.2	Y	Y	Y
	80	36		12.86	61		YB160L-2	YB180M-2	YB200L ₁ -2
	96	33		13.88	62		18.5	22	30



IMC(IMCX、IMCS) 性能参数表

Performance Parameter Table

参数 Parameter 型号Type	流量 Flow Rate m ³ /h	扬程 Head M	转速 Rotational Speed r/min	轴功率 Shaft Power Pa KW	效率 η %	气蚀 余量 NPSH	配带电动机型号功率 (Motor Power)KW		
							输送介质比重 (Medium Density)g/cm ³		
							1	1.35	1.85
100-65-250	60	86	2900	28.16	50	3.2	Y	Y	Y
	100	80		35.74	61	3.2	YB225M-2	YB250M-2	YB280S-2
	120	74.5		39.26	62	4.5	45	55	75
100-65-250A	54	71	2900	20.88	50	3.2	Y	Y	Y
	90	65		26.12	61	3.2	YB200L ₂ -2	YB225M-2	YB250M-2
	108	59		28.0	62	4.5	37	45	55
100-65-250B	48	63.8	2900	17.02	49	3.2	Y	Y	Y
	80	57.8		20.99	60	3.2	YB200L ₁ -2	YB200L ₂ -2	YB225M-2
	96	52		22.29	61	4.5	30	37	45
100-65-315	60	132	2900	50.26	43	3.2	Y	Y	Y
	100	125		63.09	54	3.2	YB280S-2	YB315S-2	YB315M-2
	120	118		70.11	55	4.5	75	110	132
100-65-315A	54	108	2900	38.74	41	3.2	Y	Y	Y
	90	101		47.61	52	3.2	YB250M-2	YB280S-2	YB315S-2
	108	94		52.16	53	4.5	55	75	110
100-65-315B	48	97	2900	30.92	41	3.2	Y	Y	Y
	80	90		37.70	52	3.2	YB225M-2	YB280S-2	YB315S-2
	96	83		40.95	53	4.5	45	75	110
125-100-200	120	54	2900	34.16	55	4.5	Y	Y	Y
	200	50		39.47	69	4.5	YB250M-2	YB280S-2	YB280M-2
	240	47		42.79	68	5.0	55	75	90
125-100-200A	108	48	2900	26.14	54	4.5	Y	Y	Y
	180	40.5		29.20	68	4.5	YB200L ₂ -2	YB250M-2	YB280S-2
	216	35		30.73	67	5.0	37	55	75
125-100-200B	90	43	2900	19.52	54	4.5	Y	Y	Y
	150	36		22.31	68	4.5	YB200L ₂ -2	YB200L ₂ -2	YB250M-2
	180	30.5		24.50	67	5.0	37	37	55
125-100-250	120	87	2900	52.65	54	4.5	Y	Y	Y
	200	80		66.02	66	4.5	YB280S-2	YB315S-2	YB315L ₁ -2
	240	74.5		72.68	67	5.0	75	110	160
125-100-250A	108	72	2900	39.96	53	4.5	Y	Y	Y
	180	65		49.02	65	4.5	YB250M-2	YB280S-2	YB315S-2
	216	59.5		53.03	66	5.0	55	75	110
125-100-250B	90	64.8	2900	29.97	53	4.5	Y	Y	Y
	150	57.8		41.15	65	4.5	YB225M-2	YB280S-2	YB315S-2
	180	54		42	66	5.0	45	75	110
125-100-315	120	132.5	2900	80.2	54	4.0	Y	Y	Y
	200	125		104	65	4.5	YB315M-2	YB315M-2	YB315L ₁ -2
	240	120		118	66	5.0	132	132	160
125-100-315A	108	107.3	2900	59.5	53	4.0	Y	Y	Y
	180	101.3		78.8	63	4.5	YB315S-2	YB315M-2	YB315L ₁ -2
	216	97.2		90.7	63	5.0	110	132	160
125-100-315B	96	84.8	2900	41.8	53	4.0	Y	Y	Y
	160	80		56.2	62	4.5	YB280M-2	YB315S-2	YB315M-2
	192	76.8		64.8	62	5.0	90	110	132



IMC(IMCX、IMCS) 性能参数表

IMC (IMCX) Performance Parameter Table

参数 Parameter 型号Type	流量 Flow Rate m ³ /h	扬程 Head M	转速 Rotational Speed r/min	轴功率 Shaft Power Pa KW	效率 η %	气蚀 余量 NPSH	配带电动机型号功率 (Motor Power)KW		
							输送介质比重(Medium Density) g/cm ³		
							1	1.35	1.85
50-32-125	3.75	5.5	1450	0.16	36	2.0	Y	Y	Y
	6.3	5		0.19	46		YB801-4	YB801-4	YB801-4
	7.5	4.6		0.20	47		0.55	0.55	0.55
50-32-125A	3.4	4.5	1450	0.12	35	2.0	Y	Y	Y
	5.7	4.1		0.14	45		YB801-4	YB801-4	YB801-4
	6.8	3.6		0.15	46		0.55	0.55	0.55
50-32-125B	3.1	4	1450	0.10	35	2.0	Y	Y	Y
	5.2	3.6		0.11	45		YB801-4	YB801-4	YB801-4
	6.2	3.3		0.12	46		0.55	0.55	0.55
50-32-160	3.75	8.6	1450	0.31	28	2.0	Y	Y	Y
	6.3	8		0.35	39		YB801-4	YB801-4	YB802-4
	7.5	7.2		0.37	40		0.55	0.55	0.75
50-32-160A	3.4	7.1	1450	0.24	27	2.0	Y	Y	Y
	5.7	6.5		0.26	38		YB801-4	YB801-4	YB801-4
	6.8	5.8		0.28	39		0.55	0.55	0.55
50-32-160B	3.1	6.4	1450	0.20	27	2.0	Y	Y	Y
	5.2	5.8		0.22	38		YB801-4	YB801-4	YB801-4
	6.2	5.1		0.22	39		0.55	0.55	0.55
50-32-200	3.75	13.1	1450	0.61	22	2.0	Y	Y	Y
	6.3	12.5		0.69	31		YB802-4	YB90S-4	YB90L-4
	7.5	12		0.74	33		0.75	1.1	1.5
50-32-200A	3.4	10.8	1450	0.47	21	2.0	Y	Y	Y
	5.7	10.1		0.52	30		YB802-4	YB90S-4	YB90S-4
	6.8	9.6		0.56	32		0.75	1.1	1.1
50-32-200B	3.1	9.6	1450	0.39	21	2.0	Y	Y	Y
	5.2	9		0.42	30		YB801-4	YB802-4	YB90S-4
	6.2	8.5		0.45	32		0.55	0.75	1.1
50-32-250	3.75	20.5	1450	1.39	15	2.0	Y	Y	Y
	6.3	20		1.42	24		YB90L-4	YB100L ₁ -4	YB100L ₂ -4
	7.5	19.5		1.47	27		1.5	2.2	3
50-32-250A	3.4	16.8	1450	1.03	15	2.0	Y	Y	Y
	5.7	16.3		1.09	23		YB90L-4	YB100L ₁ -4	YB100L ₁ -4
	6.8	15.9		1.13	26		1.5	2.2	2.2
50-32-250B	3.1	15	1450	0.84	15	2.0	Y	Y	Y
	5.2	14.5		0.89	23		YB90S-4	YB90L-4	YB100L ₁ -4
	6.2	14.1		0.91	26		1.1	1.5	2.2
65-50-125	7.5	5.5	1450	0.27	42	2.0	Y	Y	Y
	12.5	5		0.31	54		YB801-4	YB801-4	YB802-4
	15	4.6		0.34	55		0.55	0.55	0.75
65-50-125A	6.8	4.5	1450	0.20	41	2.0	Y	Y	Y
	11.3	4.1		0.24	53		YB801-4	YB801-4	YB801-4
	13.6	3.6		0.25	54		0.55	0.55	0.55
65-50-125B	6.1	4	1450	0.16	41	2.0	Y	Y	Y
	10.1	3.6		0.19	53		YB801-4	YB801-4	YB801-4
	12.1	3.3		0.22	54		0.55	0.55	0.55



IMC(IMCX、IMCS) 性能参数表

Performance Parameter Table

参数 Parameter 型号Type	流量 Flow Rate m ³ /h	扬程 Head M	转速 Rotational Speed r/min	轴功率 Shaft Power Pa KW	效率 η %	气蚀 余量 NPSH	配带电动机型号功率 (Motor Power)KW		
							输送介质比重 (Medium Density)g/cm ³		
							1	1.35	1.85
65-50-160	7.5	8.8	1450	0.46	38	2.0	Y	Y	Y
	12.5	8.0		0.54	50	2.0	YB802-4	YB90L-4	YB90L-4
	15	7.2		0.58	51	2.5	0.75	1.1	1.1
65-50-160A	6.8	7.1	1450	0.36	37	2.0	Y	Y	Y
	11.3	6.5		0.41	49	2.0	YB801-4	YB802-4	YB90L-4
	13.6	5.8		0.43	50	2.5	0.55	0.75	1.1
65-50-160B	6.1	6.4	1450	0.29	37	2.0	Y	Y	Y
	10.1	5.8		0.33	49	2.0	YB801-4	YB801-4	YB802-4
	12.1	5.1		0.34	50	2.5	0.55	0.55	0.75
65-40-200	7.5	13.2	1450	0.87	31	2.0	Y	Y	Y
	12.5	12.5		0.99	43	2.0	YB90S-4	YB90L-4	YB100L ₁ -4
	15	11.8		1.07	45	2.5	1.1	1.5	2.2
65-40-200A	6.8	10.8	1450	0.67	30	2.0	Y	Y	Y
	11.3	10.1		0.74	42	2.0	YB90S-4	YB90S-4	YB90L-4
	13.6	9.6		0.81	44	2.5	1.1	1.1	1.5
65-40-200B	6.1	9.6	1450	0.53	30	2.0	Y	Y	Y
	10.1	9		0.59	42	2.0	YB802-4	YB90S-4	YB90L-4
	12.1	8.5		0.64	44	2.5	0.75	1.1	1.5
65-40-250	7.5	20.5	1450	1.82	23	2.0	Y	Y	Y
	12.5	20		1.94	35	2.0	YB100L ₁ -4	YB100L ₂ -4	YB112M-4
	15	19.5		2.10	38	2.5	2.2	3	4
65-40-250A	6.8	16.8	1450	1.41	22	2.0	Y	Y	Y
	11.3	16.3		1.48	34	2.0	YB100L ₁ -4	YB100L ₁ -4	YB100L ₂ -4
	13.6	15.9		1.59	37	2.5	2.2	2.2	3
65-40-250B	6.1	15	1450	1.12	22	2.0	Y	Y	Y
	10.1	14.5		1.17	34	2.0	YB90L-4	YB100L ₁ -4	YB100L ₂ -4
	12.1	14.1		1.26	37	2.5	1.5	2.2	3
65-40-315	7.5	32.3	1450	3.29	20	2.5	Y	Y	Y
	12.5	32		3.89	28	2.5	YB132S-4	YB132M-4	YB160M-4
	15	30.7		4.18	31	3.0	5.5	7.5	11
65-40-315A	6.8	25.8	1450	2.33	20	2.5	Y	Y	Y
	11.3	25.2		2.87	29	2.5	YB112M-4	YB112M-4	YB132S-4
	13.6	24.5		2.93	31	3.0	4	4	5.5
65-40-315B	6.1	23	1450	1.91	20	2.5	Y	Y	Y
	10.1	22.5		2.30	27	2.5	YB100L-4	YB112M-4	YB132S-4
	12.1	22		2.34	31	3.0	3	4	5.5
80-65-125	15	5.6	1450	0.51	45	2.5	Y	Y	Y
	25	5.0		0.56	61	2.5	YB802-4	YB90S-4	YB90S-4
	30	4.5		0.58	62	3.0	0.75	1.1	1.1
80-65-125A	13.5	4.5	1450	0.38	44	2.5	Y	Y	Y
	22.5	4.1		0.42	60	2.5	YB801-4	YB802-4	YB90S-4
	27	3.6		0.43	61	3.0	0.55	0.75	1.1
80-65-125B	12.8	4	1450	0.32	44	2.5	Y	Y	Y
	21.3	3.6		0.35	60	2.5	YB801-4	YB801-4	YB802-4
	25.6	3.3		0.38	61	3.0	0.55	0.55	0.75



IMC(IMCX、IMCS) 性能参数表

Performance Parameter Table

参数 Parameter 型号Type	流量 Flow Rate m ³ /h	扬程 Head M	转速 Rotational Speed r/min	轴功率 Shaft Power Pa KW	效率 η %	气蚀 余量 NPSH	配带电动机型号功率 (Motor Power)KW		
							输送介质比重 (Medium Density)g/cm ³		
							1	1.35	1.85
80-65-160	15	9	1450	0.82	45	2.3	Y	Y	Y
	25	8		0.92	59	2.3	YB90S-4	YB90L-4	YB100L ₁ -4
	30	7.2		1.01	58	2.8	1.1	1.5	2.2
80-65-160A	13.5	7.1	1450	0.59	44	2.3	Y	Y	Y
	22.5	6.5		0.69	58	2.3	YB90S-4	YB90S-4	YB90L-4
	27	5.8		0.75	57	2.8	1.1	1.1	1.5
80-65-160B	12.8	6.4	1450	0.51	44	2.3	Y	Y	Y
	21.3	5.8		0.58	58	2.3	YB802-4	YB90S-4	YB90L-4
	25.6	5.1		0.67	57	2.8	0.75	1.1	1.5
80-50-200	15	13.2	1450	1.32	41	2.3	Y	Y	Y
	25	12.5		1.55	55	2.3	YB100L ₁ -4	YB100L ₂ -4	YB112M-4
	30	11.8		1.69	57	2.8	2.2	3	4
80-50-200A	13.5	10.8	1450	0.99	40	2.3	Y	Y	Y
	22.5	10.1		1.15	54	2.3	YB90L-4	YB100L ₁ -4	YB100L ₂ -4
	27	9.6		1.26	56	2.8	1.5	2.2	3
80-50-200B	12.8	9.6	1450	0.84	40	2.3	Y	Y	Y
	21.3	9		0.97	54	2.3	YB90S-4	YB90L-4	YB100L ₁ -4
	25.6	8.5		1.06	56	2.8	1.1	1.5	2.2
80-50-250	15	21	1450	2.32	37	2.3	Y	Y	Y
	25	20		2.83	48	2.3	YB112M-4	YB132S-4	YB132M-4
	30	18.8		3.13	49	2.8	4	5.5	7.5
80-50-250A	13.5	16.8	1450	1.72	36	2.3	Y	Y	Y
	22.5	16.3		2.13	47	2.3	YB100L ₂ -4	YB112M-4	YB132S-4
	27	15.1		2.31	48	2.8	3	4	5.5
80-50-250B	12.8	15	1450	1.45	36	2.3	Y	Y	Y
	21.3	14.5		1.79	47	2.3	YB100L ₁ -4	YB100L ₂ -4	YB112M-4
	25.6	13.4		1.95	48	2.8	2.2	3	4
80-50-315	15	32.5	1450	4.92	27	2.3	Y	Y	Y
	25	32		5.58	39	2.3	YB132M-4	YB160M-4	YB160L-4
	30	31.5		6.43	40	2.8	7.5	11	15
80-50-315A	13.5	25.8	1450	3.65	26	2.3	Y	Y	Y
	22.5	25.2		4.06	38	2.3	YB132S-4	YB132M-4	YB160M-4
	27	24.5		4.62	39	2.8	4	7.5	11
80-50-315B	12.8	23	1450	3.09	26	2.3	Y	Y	Y
	21.3	22.5		3.44	38	2.3	YB112M-4	YB132S-4	YB132M-4
	25.6	22		3.93	39	2.8	4	5.5	7.5
100-80-125	30	6	1450	0.88	56	2.5	Y	Y	Y
	50	5		1.02	67	2.5	YB90S-4	YB90L-4	YB100L ₁ -4
	60	4.1		1.05	64	3.0	1.1	1.5	2.2
100-80-125A	27.6	4.5	1450	0.62	55	2.5	Y	Y	Y
	46	4.1		0.78	66	2.5	YB90S-4	YB90L-4	YB100L ₁ -4
	55.2	3.6		0.86	63	3.0	1.1	1.5	2.2
100-80-125B	25.5	4	1450	0.50	55	2.5	Y	Y	Y
	42.5	3.6		0.63	66	2.5	YB802S-4	YB90S-4	YB90L-4
	51	3.3		0.73	63	3.0	0.75	1.1	1.5



IMC(IMCX、IMCS) 性能参数表

Performance Parameter Table

参数 Parameter 型号Type	流量 Flow Rate m ³ /h	扬程 Head M	转速 Rotational Speed r/min	轴功率 Shaft Power Pa KW	效率 η %	气蚀 余量 NPSH	配带电动机型号功率 (Motor Power)KW		
							输送介质比重 (Medium Density)g/cm ³		
							1	1.35	1.85
100-80-160	30	9.2	1450	1.32	57	2.5	Y	Y	Y
	50	8.0		1.68	65	2.5	YB100L ₁ -4	YB100L ₂ -4	YB112M-4
	60	6.8		1.83	61	3.5	2.2	3	4
100-80-160A	27.6	7.1	1450	0.95	56	2.5	Y	Y	Y
	46	6.5		1.27	64	2.5	YB100L ₁ -4	YB100L ₁ -4	YB100L ₂ -4
	55.2	5.8		1.45	60	3.5	2.2	2.2	3
100-80-160B	25.5	6.4	1450	0.79	56	2.5	Y	Y	Y
	42.5	5.8		1.05	64	2.5	YB90L-4	YB100L ₁ -4	YB100L ₁ -4
	51	5.1		1.18	60	3.5	1.5	2.2	2.2
100-65-200	30	13.5	1450	2.25	49	2.3	Y	Y	Y
	50	12.5		2.75	62	2.3	YB112M-4	YB132S-4	YB132M-4
	60	11.8		3.07	63	2.8	4	5.5	7.5
100-65-200A	27.6	10.8	1450	1.69	48	2.3	Y	Y	Y
	46	10.1		2.07	61	2.3	YB100L ₂ -4	YB112M-4	YB132S-4
	55.2	9.6		2.33	62	2.8	3	4	5.5
100-65-200B	25.5	9.6	1450	1.39	48	2.3	Y	Y	Y
	42.5	9.0		1.71	61	2.3	YB100L ₁ -4	YB100L ₂ -4	YB112M-4
	51	8.5		1.90	62	2.8	2.2	3	4
100-65-250	30	21.3	1450	3.78	46	2.3	Y	Y	Y
	50	20		4.62	59	2.3	YB132S-4	YB132M-4	YB160M-4
	60	19		5.10	61	2.8	5.5	7.5	11
100-65-250A	27.6	16.8	1450	2.81	45	2.3	Y	Y	Y
	46	16.3		3.52	58	2.3	YB112M-4	YB132S-4	YB132S-4
	55.2	15.9		3.98	60	2.8	4	5.5	5.5
100-65-250B	25.5	15	1450	2.31	45	2.3	Y	Y	Y
	42.5	14.5		2.89	58	2.3	YB112M-4	YB132S-4	YB132M-4
	51	14		3.24	60	2.8	4	5.5	7.5
100-65-315	30	34	1450	7.12	39	2.3	Y	Y	Y
	50	32		8.55	51	2.3	YB160M-4	YB160L-4	YB180M-4
	60	30		9.45	52	2.8	11	15	18.5
100-65-315A	27.6	26	1450	5.14	38	2.3	Y	Y	Y
	46	25.2		6.31	50	2.3	YB132M-4	YB160M-4	YB160L-4
	55.2	24.5		7.22	51	2.8	7.5	11	15
100-65-315B	25.5	23	1450	4.20	38	2.3	Y	Y	Y
	42.5	22.5		5.21	50	2.3	YB132M-4	YB160M-4	YB160L-4
	51	22		5.99	51	2.8	7.5	11	15
125-100-200	60	14.5	1450	4.40	54	2.8	Y	Y	Y
	100	12.5		5.01	68	2.8	YB132S-4	YB132M-4	YB160M-4
	120	11.0		5.36	67	3.5	5.5	7.5	11
125-100-200A	54	11.5	1450	3.19	53	2.8	Y	Y	Y
	90	10.5		3.84	67	2.8	YB132S-4	YB132M-4	YB160M-4
	108	9.8		4.37	66	3.5	5.5	7.5	11
125-100-200B	48	9.8	1450	2.42	53	2.8	Y	Y	Y
	80	9.0		2.93	67	2.8	YB112M-4	YB132S-4	YB132M-4
	96	8.5		3.37	66	3.5	4	5.5	7.5



IMC(IMCX、IMCS) 性能参数表

Performance Parameter Table

参数 Parameter 型号Type	流量 Flow Rate m ³ /h	扬程 Head M	转速 Rotational Speed r/min	轴功率 Shaft Power Pa KW	效率 η %	气蚀 余量 NPSH	配带电动机型号功率 (Motor Power)KW		
							输送介质比重 (Medium Density)g/cm ³		
							1	1.35	1.85
125-100-250	60	21.3	1450	6.71	52	2.3	Y	Y	Y
	100	20		8.39	65	2.3	YB160M-4	YB160L-4	YB180M-4
	120	19		9.26	67	2.8	11	15	18.5
125-100-250A	54	16.8	1450	4.84	51	2.3	Y	Y	Y
	90	16.3		6.24	64	2.3	YB132M-4	YB160M-4	YB160L-4
	108	15.9		7.08	66	2.8	7.5	11	15
125-100-250B	48	15.0	1450	3.84	51	2.3	Y	Y	Y
	80	14.5		4.94	64	2.3	YB132M-4	YB132M-4	YB160M-4
	96	14.0		5.55	66	2.8	7.5	7.5	11
125-100-315	60	33.5	1450	12.2	45	2.5	Y	Y	Y
	100	32		14.5	60	2.5	YB180M-4	YB180L-4	YB200L-4
	120	30.5		16.3	61	3.0	18.5	22	30
125-100-315A	54	27.1	1450	9.0	44	2.5	Y	Y	Y
	90	25.9		10.8	59	2.5	YB160L-4	YB180M-4	YB180L-4
	108	24.7		12.1	60	3.0	15	18.5	22
125-100-315B	48	21.4	1450	6.5	43	2.5	Y	Y	Y
	80	20.5		7.7	58	2.5	YB160M-4	YB160L-4	YB180M-4
	96	19.5		8.6	59	3.0	11	15	18.5
125-100-400	60	52	1450	17.0	50	2.5	Y	Y	Y
	100	50		26.2	52	2.5	YB225S-4	YB225M-4	YB250M-4
	120	48.5		29.4	54	3.0	37	45	55
125-100-400A	54	42.1	1450	12.4	50	2.5	Y	Y	Y
	90	40.5		19	52	2.5	YB200L-4	YB225S-4	YB225M-4
	108	39.3		21.4	54	3.0	30	37	45
125-100-400B	48	33.3	1450	8.9	49	2.5	Y	Y	Y
	80	32		13.7	51	2.5	YB180L-4	YB200L-4	YB225S-4
	96	31		15.3	53	3.0	22	30	37
150-125-250	120	24.8	1450	15.6	52	2.5	Y	Y	Y
	200	20		17.3	63	2.8	YB180L-4	YB200L-4	YB225S-4
	240	15		18.2	54	3.5	22	30	37
150-125-250A	108	20.1	1450	11.6	51	2.5	Y	Y	Y
	180	16.2		12.8	62	2.8	YB180M-4	YB180L-4	YB200L-4
	216	12.2		13.5	53	3.5	18.5	22	30
150-125-250B	97.2	15.9	1450	8.3	51	2.5	Y	Y	Y
	162	12.8		9.1	62	2.8	YB160L-4	YB180M-4	YB180L-4
	194	9.6		9.6	53	3.5	15	18.5	22
150-125-315	120	36.3	1450	23.7	50	2.5	Y	Y	Y
	200	32		28.1	62	2.8	YB225S-4	YB225M-4	YB250M-4
	240	28.5		31.6	59	3.8	37	45	55
150-125-315A	108	29.4	1450	17.3	50	2.5	Y	Y	Y
	180	25.9		20.5	62	2.8	YB200L-4	YB225S-4	YB225M-4
	216	23.1		23.0	59	3.8	30	37	45
150-125-315B	97.2	23.2	1450	12.5	49	2.5	Y	Y	Y
	162	20.5		14.8	61	2.8	YB180L-4	YB200L-4	YB225S-4
	194	18.3		16.7	58	3.8	22	30	37



IMC(IMCX、IMCS) 性能参数表

Performance Parameter Table

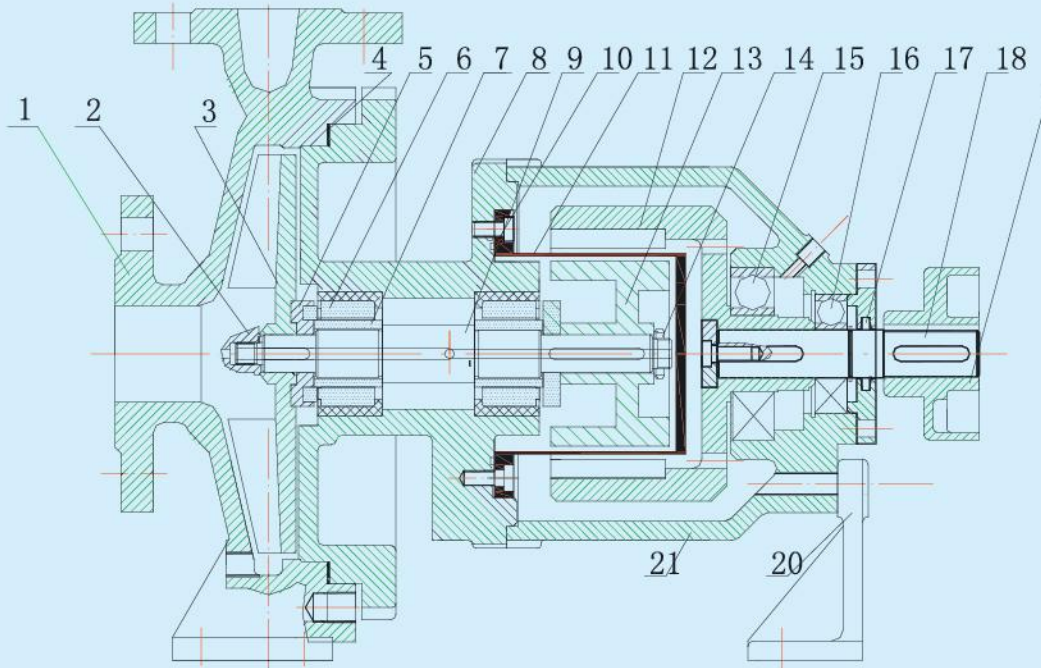
参数 Parameter 型号Type	流量 Flow Rate m ³ /h	扬程 Head M	转速 Rotational Speed r/min	轴功率 Shaft Power Pa KW	效率 η %	气蚀 余量 NPSH	配带电动机型号功率 (Motor Power)KW		
							输送介质比重 (Medium Density)g/cm ³		
							1	1.35	1.85
150-125-400	120	57.5	1450	40.0	47	2.0	Y	Y	Y
	200	50		48.6	56	2.8	YB250M-4	YB280S-4	YB280M-4
	240	44		58.7	49	3.5	55	75	90
150-125-400A	108	46.6	1450	29.2	47	2.0	Y	Y	Y
	180	40.5		35.5	56	2.8	YB225M-4	YB250M-4	YB280S-4
	216	35.6		42.7	49	3.5	45	55	75
150-125-400B	97.2	36.8	1450	20.7	47	2.0	Y	Y	Y
	162	32		25.2	56	2.8	YB225S-4	YB225M-4	YB250M-4
	194	28.2		35.4	49	3.5	37	45	55
200-150-250	240	24.8	1450	28.9	56	2.8	Y	Y	Y
	400	20		32.5	67	3.2	YB225M-4	YB250M-4	YB280S-4
	460	18		38.8	58	3.8	45	55	75
200-150-250A	216	20.1	1450	21.5	55	2.8	Y	Y	Y
	360	16.2		24.0	66	3.2	YB225S-4	YB225M-4	YB250M-4
	414	14.6		28.9	57	3.8	37	45	55
200-150-250B	192	15.9	1450	15.1	55	2.8	Y	Y	Y
	320	12.8		16.9	66	3.2	YB200L-4	YB225S-4	YB225M-4
	368	11.6		20.4	57	3.8	30	37	45
200-150-315	240	36.3	1450	43.1	55	3.0	Y	Y	Y
	400	32		52.0	67	3.5	YB250M-4	YB280S-4	YB280M-4
	460	28.5		54.9	65	4.0	55	75	90
200-150-315A	216	29.4	1450	31.4	55	3.0	Y	Y	Y
	360	25.9		37.9	67	3.5	YB250M-4	YB280S-4	YB280M-4
	414	23.1		40.0	65	4.0	55	75	90
200-150-315B	192	23.2	1450	22.5	54	3.0	Y	Y	Y
	320	20.5		27.0	66	3.5	YB225M-4	YB250M-4	YB280S-4
	368	18.3		28.7	64	4.0	45	55	75
200-150-400	240	56	1450	67.8	54	3.0	Y	Y	Y
	400	50		89.3	61	3.8	YB315S-4	YB315M-4	YB315L-4
	460	46.5		104.0	56	4.5	110	132	160
200-150-400A	216	45.3	1450	49.4	54	3.0	Y	Y	Y
	360	40.5		65.1	61	3.8	YB280M-4	YB315S-4	YB315M-4
	414	37.7		75.9	56	4.5	90	110	132
200-150-400B	192	35.8	1450	34.7	54	3.0	Y	Y	Y
	320	32		45.7	61	3.8	YB280S-4	YB280M-4	YB315S-4
	368	29.8		53.3	56	4.5	75	90	110

三、IMC 型金属磁力泵部分流泵 IMC Magnetic drive pump with flow separated

产品照片 Product Picture



剖面图 Drawing



- 1.泵体; 2.叶轮螺母; 3.叶轮; 4.密封垫; 5.止推轴承 6.滑动轴承; 7.轴套; 8.中体; 9.泵轴; 10.密封圈;
11.隔离套; 12. 外联轴器; 13.内联轴器; 14.螺母; 15、16 轴承; 17.轴承压盖; 18 轴; 19.加长联轴器;
20.托架; 21.悬架
- 1.casing; 2.impeller nut; 3.impeller; 4.gasket; 5.thrust bearing;6.journal bearing;7.shaft sleeve; 8.joint; 9.pump shaft;10.gasket ring;11.shroud;12.out magnetic coupling 13.inner magnetic coupling;14.nut;15,16.bearing;17.oil seal cover 18.shaft;19.extended coupling;20.lift stand;21.suspension

3、性能参数表 Performance Table

参数Parameter 型号Model	流量 Q m ³ /h	扬程 H m	转速 n r/min	轴功率 Pa KW	效率 η %	气蚀 余量 NPSH	配带电动机型号功率(power)KW 输送介质比重(density)g/cm ³			机组 总重 Kg
							1	1.35	1.85	
IMC25-20-110L	3	18	2900	0.57	26	2	Y YB802-2 1.1	Y YB802-2 1.1	Y YB802-2 1.1	76
IMC32-25-125L	6	22	2900	0.70	40	3.5	Y YB90S-2 1.5	Y YB90S-2 1.5	Y YB90S-2 1.5	76
IMC40-32-150L	1.5	30	2900	0.64	25	3.5	Y YB100L-2 3	Y YB100L-2 3	Y YB100L-2 3	165
IMC40-32-180L	3	50	2900	1.7	25	3.5	Y YB112M-2 4	Y YB112M-2 4	Y YB112M-2 4	183
IMC40-32-220L	4	90	2900	4.9	20	4.0	Y YB132S ₂ -2 7.5	Y YB132S ₂ -2 7.5	Y YB160M ₁ -2 11	220
IMC40-32-250L	4	110	2900	6.7	18	4.0	Y YB132S ₂ -2 7.5	Y YB160M ₁ -2 11	Y YB160M ₂ -2 15	315
IMC40-32-315L	4	165	2900	16.8	9	4.0	Y YB200L ₁ -2 30	Y YB200L ₂ -2 37	Y YB225M-2 45	440

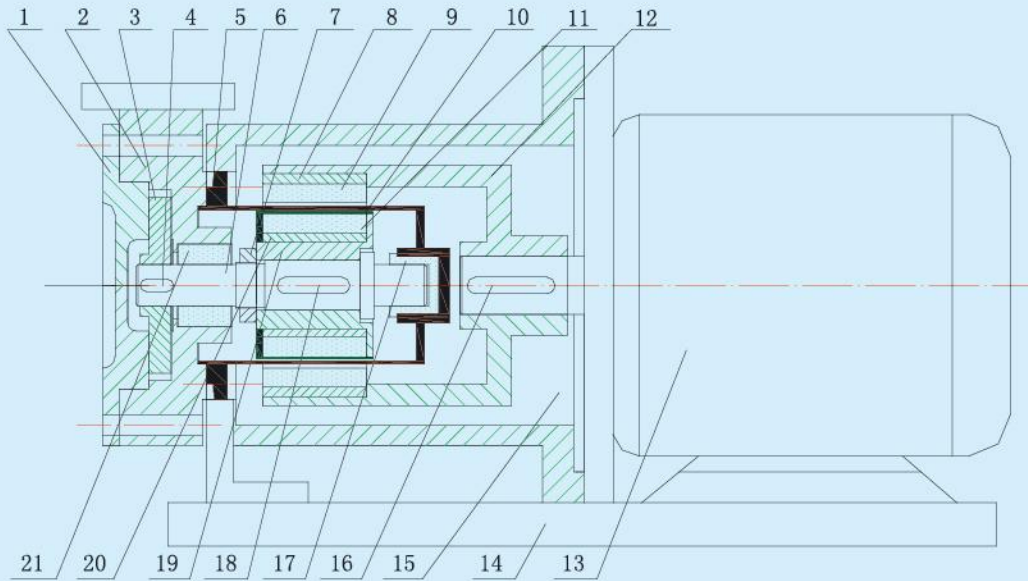
四、CKW型金属磁力漩涡泵 CKW Metal Magnetic Drive Eddy Pump

1、产品照片 Product Picture





2、剖面图 Drawing



- | | | | | | | | | | | | | | | | |
|-------|------|-------|-------|-------|----------------------|-----------|-------------|-------------|-----------|------------------|--------|---------------------|-------------------------|-----------------|------------------------|
| 1、泵盖 | 2、泵体 | 3、叶轮 | 4、平键 | 5、隔离套 | 1、 pump case (cover) | 2、 casing | 3、 impeller | 4、 flat key | 5、 shroud | 6、 driving shaft | 7、 nut | 8、 outer lined iron | 9、 outer magnetic steel | 10、 thin sleeve | 11、 inner magnet steel |
| 6、传动轴 | 7、螺母 | 8、外衬铁 | 9、外磁钢 | 10、薄套 | 11、内磁钢 | 12、外联轴体 | 13、电机 | 14、底板 | 15、支架 | 16、平键 | 17、后轴承 | 18、平键 | 19、内联轴体 | 20、内衬铁 | 21、前轴承 |

3、性能参数表 Performance Table

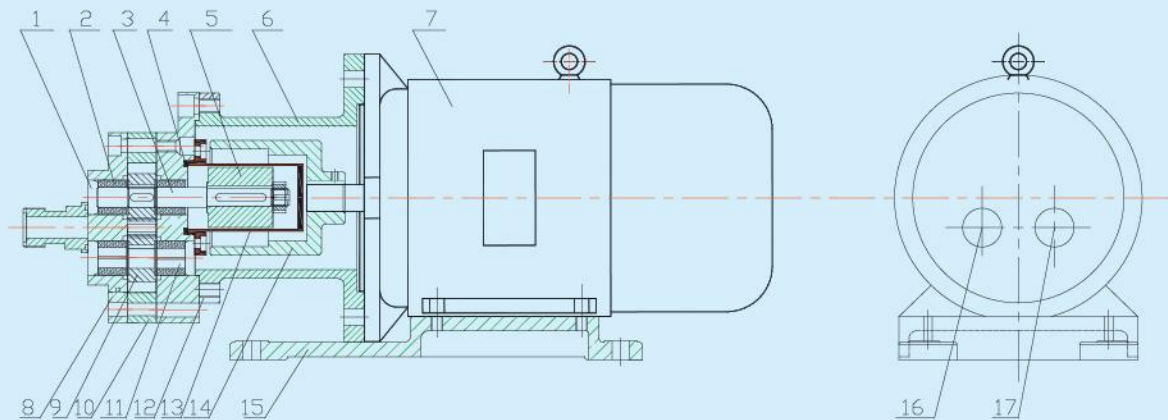
型号 Type	流量 (m ³ /h) Flow Rate	扬程 (m) Head	转速 (r/min) Rotational Speed	轴功率 (kw) Shaft Power	电机功率 (kw) Motor Power	效率 % Efficiency	叶轮直径 mm Impeller Diameter	备注 Remark
CKW-20	0.36	28	2900	0.196	0.55	14	65	
	0.7	20		0.178		22		
	0.9	15		0.175		21		
CKW-30	1.73	52	2900	1.066	1.5	23	85	
	2.88	30		0.735		32		
	3.6	20		0.632		31		
CKW-40	3.6	60	2900	2.36	4	25	95	
	5.4	40		1.73		34		
	6.48	26		1.35		35		
CKW-75	1.73	115	2900	2.36	4	23	115	
	2.88	75		1.96		30		
	3.6	53		1.73		31.5		
CKW-105	2.05	130	2900	2.86	3	25.5	130	
	2.4	110		2.46		29		
	2.88	85		2.11		31.5		
CKW-18	0.2	18	2900	0.08	0.18	12	75	非金属
CKW-26Z	1.44	26	1400	0.81	1.5	26	80	
CKW-65	0.72	65	2900	0.85	1.5	15	105	

五、CSH型金属磁力齿轮泵 CSH Metal Magnetic Drive Gear Pump

产品照片 Product Picture



剖面图 Drawing



- 1、压盖 2、滑动轴承 3、主动轴 4、密封圈
 5、内磁钢 6、中间联体 7、电机 8、前盖板 9、齿轮
 10、泵体 11、从动轴 12、后盖板 13、隔离套
 14、联轴器 15、支架 16、进口接管 17、出口接管

- 1, gland 2, moving bearing 3, driving shaft
 4, gasket 5, inner magnetic steel 6, joint 7, motor
 8, front plate 9, gear 10, casing 11, driven shaft
 12, back plate 13, shroud 14, coupling 15, stand
 16, inlet adapter 17, outer adapter

性能参数表 Performance Table

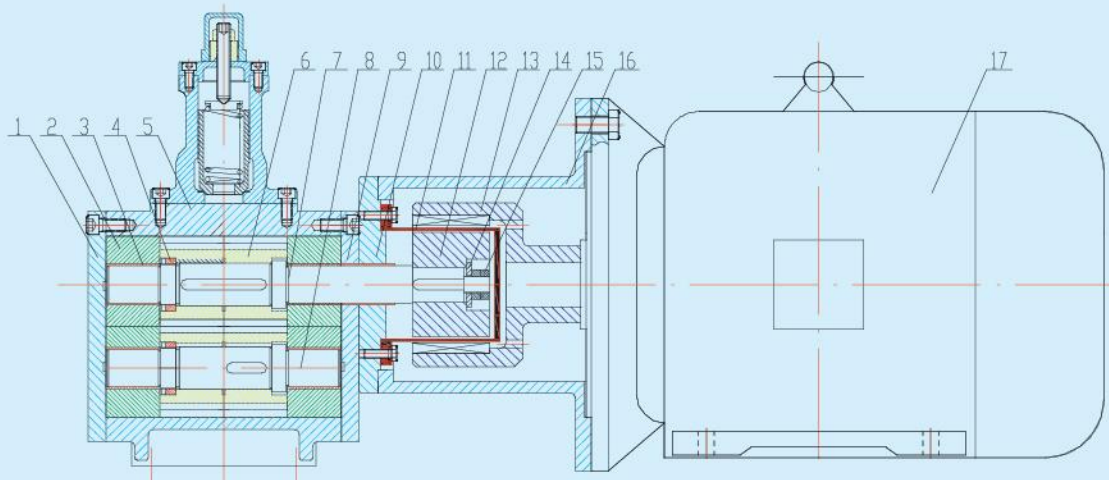
型号 type	流量 (m ³ /h) flow rate	压力 (Mpa) pressure	允许吸上高度 (m) height permitted	电机型号 motor type	功率 (kw) power	转速 (r/min) rotational speed	使用温度(℃) operating temperature	重量 (kg) weight
CSH-2	0.037	0.2	自吸 3 self-priming 3	JW5614	0.09	1450	<50	15
CSH-4	1	0.4	自吸 4 self-priming 4	Y80	0.55	1400	<50	20
CSH-6	3	0.6	自吸 4 self-priming 4	Y90L	1.5	1400	<50	35

六、CSL型金属磁力齿轮泵 CSL Metal Magnetic Drive Gear Pump

产品照片 Product Picture



剖面图 Drawing



- 1.泵壳前压盖; 2.轴承座; 3.滑动轴承; 4.锁紧螺母; 5.泵壳; 6.齿轮; 7.主动轴;8.从动轴; 9.泵壳后压盖; 10.连接法兰; 11.隔离套; 12.内磁联轴器; 13.外磁联轴器; 14.垫片; 15.螺母; 16.支架; 17.电机
2. 1.front gland; 2.bearing block; 3.journal bearing; 4.lock nut; 5.casing; 6.gear;7.driving shaft;8.driven shaft; 9.rear gland;10.flange;11.shroud; 12.inner magnetic coupling;13.out magnetic coupling; 4.shim;15.nut; 16.stand; 17.motor.

性能参数表 Performance Table

型号 model	流量 flow capacity/ 扬程 lift capacity		工作压力 MPa	吸入真 空高度 m	进出口 口径 mm	效率 %	转速 r/min	电机功率 kw
	m ³ /h	L/m						
CSL 0.6/0.6	0.6	10	0.6	3	DN25	32	910	0.75
CSL 1.0/0.6	1	16.7	0.6	3	DN25	32	1390	0.75
CSL 1.6/0.6	1.6	26.7	0.6	3	DN32	42	910	0.75
CSL 2.5/0.6	2.5	42	0.6	3	DN32	42	1400	1.1
CSL 3.3/0.6	3.3	55	0.6	3	DN40	60	940	1.5
CSL 4/0.6	4	66	0.6	3	DN50	60	940	1.5
CSL 5/0.6	5	83.3	0.6	3	DN40	60	1420	2.2
CSL 6/0.6	6	100	0.6	3	DN50	60	1420	2.2
CSL 8/0.6	8	133	0.6	3	DN65	60	960	3
CSL 10/0.6	10	167	0.6	3	DN65	60	960	4
CSL 12/0.6	12	200	0.6	3	DN65	61	1440	5.5
CSL 15/0.6	15	250	0.6	3	DN65	61	1440	5.5
CSL 20/0.6	20	333	0.6	3	DN80	68	970	7.5
CSL 25/0.6	25	420	0.6	3	DN80	69	970	11
CSL 30/0.6	30	500	0.6	3	DN100	70	970	11
CSL 40/0.6	40	660	0.6	3	DN125	72	970	15

七、CSB型氟塑料磁力离心泵 CSB F Plastic Magnetic Drive Centrifugal Pump

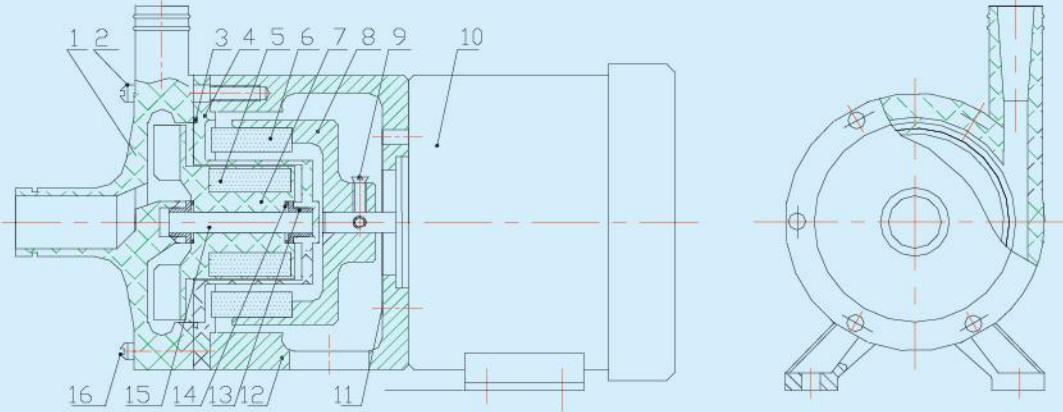
产品照片 Product Picture



CSB-18
CSB-20F



剖面图 Drawing



- 1、泵壳 2、垫圈 3、密封圈 4、隔离套
- 5、内磁钢 6、外磁钢 7、叶轮 8、联轴器
- 9、螺钉 10、电机 11、螺钉 12、支架
- 13、轴承 14、止推片 15、轴 16、螺钉

- 1, casing 2, washer 3, gasket 4, shroud
- 5, inner magnetic steel 6, out magnetic steel
- 7, impeller 8, coupling 9, screw 10, motor
- 11, screw 12, stand of motor 13, bearing
- 14, thrust plate 15, shaft 16, screw

- 1、电机 2、支架 3、联轴器 4、轴承 5、轴
- 6、隔离套 7、压圈 8、内磁钢 9、外磁钢 10、内转子
- 11、加强套 12、密封圈 13、中间隔板 14、泵壳内衬
- 15、叶轮 16、陶瓷环 17、拼帽 18、泵壳 19、底板

- 1, motor 2, stand 3, shaft coupling 4, bearing 5, shaft
- 6, shroud 7, lined ring 8, inner magnetic steel
- 9, outer magnetic steel 10, inner magnet ring 11, reinforced sleeve
- 12, gasket 13, pacing 14, pump case lining 15, impeller
- 16, ceramic ring 17, stopper nut 18, casing 19, base plate

3、性能参数表 Performance Table

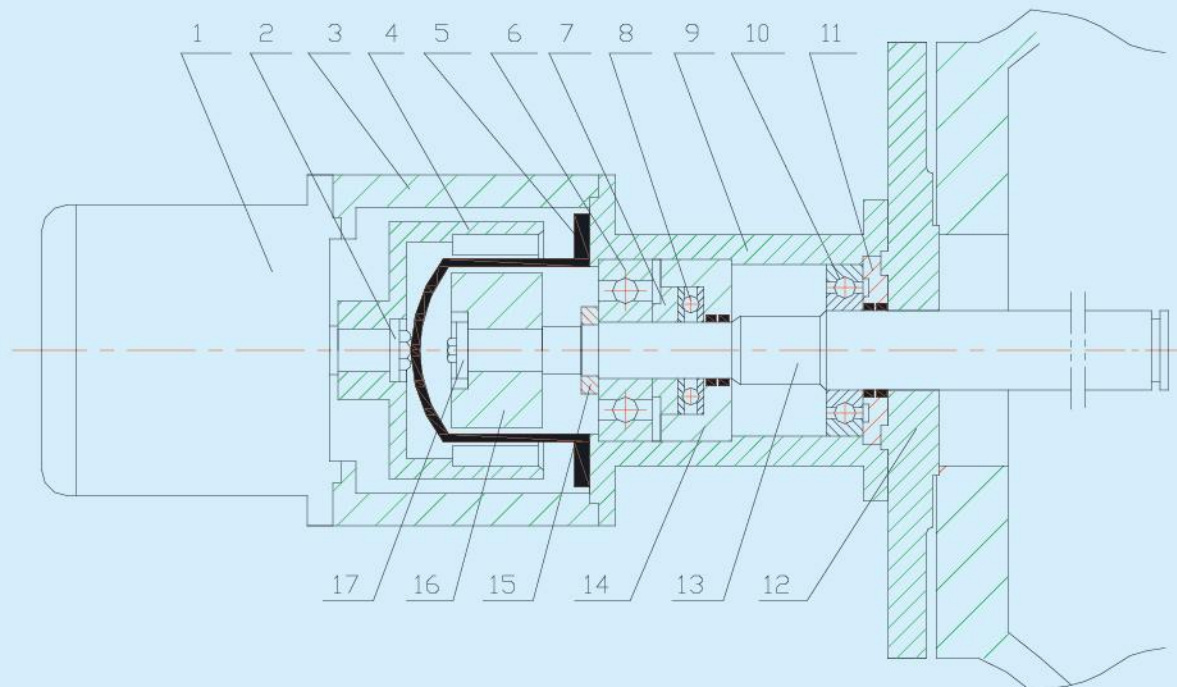
型号 type	流量 (m ³ /h) flow rate	扬程 (m) Pump Head	允许吸上高度 (m) height permitted	电机型号 motor type	功率 (kw) power	转速 (r/min) rotational speed	使用温度 (°C) operating temperature	重量 (kg) weight	备注 Remark
CSB-3	1	3	1	JW5622	0.18	2800	<80	4.5	
CSB-7	1.4	7	2	JW5622	0.18	2800	<80	5.5	
CSB-13	3	13	3	JW6322	0.37	2800	<80	8.5	
CSB-18	5	18	4	JW7122	0.75	2800	<80	20	
CSB-15Z	8	15	自吸 3 Self-priming 3	Y80	1.1	2900	<80	30	
CSB-20F	18	20	4	Y110L	3	2900	<80	80	衬里 Lining
CSB-25F	30	25	4	Y112M	4	2900	<80	85	衬里 Lining
CSB-28	5	28	4	YB90L	2.2	2900	<80	50	

八、釜用磁力驱动装置 Magnetic Drive Equipment

产品照片 Product Picture



剖面图 Drawing



- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|---------|--------|--------|-------|---------|-------|--------|------|---------|--------|------|---------|-------|---------|------------------------|-------------|---------------|---------------------|----------|--------------|--------|------------------|---------|-----------------------|---------------------|---------|------------------------|-----------------|----------------------|
| 1、电机或减速箱 | 2、17、垫片 | 3、电机支架 | 4、外联轴器 | 5、隔离套 | 6、10、轴承 | 7、支撑环 | 8、推力轴承 | 9、中体 | 11、下轴承座 | 12、下座板 | 13、轴 | 14、上轴承座 | 15、拼帽 | 16、内联轴器 | 1、motor or decelerator | 2、17、washer | 3、motor stand | 4、outer shaft joint | 5、shroud | 6、10、bearing | 7、ring | 8、thrust bearing | 9、joint | 11、lower bearing base | 12、lower base plate | 13、axle | 14、supper bearing base | 15、stoppers nut | 16、inner shaft joint |
|----------|---------|--------|--------|-------|---------|-------|--------|------|---------|--------|------|---------|-------|---------|------------------------|-------------|---------------|---------------------|----------|--------------|--------|------------------|---------|-----------------------|---------------------|---------|------------------------|-----------------|----------------------|



1、性能参数表 Performance Table

磁力传动器 型号	常温磁扭 矩 N·m	使用压力 MPa	使用温 度℃	釜体容积 e	电机减速机规格参数
					电机功率 KW/转速 rpm
CLJ-40	40	-0.1~0.6	-20~60	50	0.75/160*,0.55/130,0.37/85,0.25/63
CLJ-63	63			100	1.1/160*,1.1/130*,0.75/100*,0.75/85*
CLJ-80	80			200	1.1/160,1.1/130*,0.75/85*
CLJ-100	100			300	1.5/160,1.5/130*,1.1/100*,1.1/85*
CLJ-125	125			400	2.2/130*,1.5/100*,1.5/85*,1.1/85
CLJ-160	160			500	3/160*,2.2/130*,2.2/100*,1.5/85,1.1/63*
CLJ-200	200			600	4/200,3/160,3/130*,2.2/100*,1.5/85,1.1/63
CLJ-250	250			700	5.5/200*,5.5/160*,4/130,3/100*,2.2/85,1.5/63
CLJ-315	315			800	7.5/200*,5.5/160*,4/110*,3/85*,2.2/63*
CLJ-400	400			1000	7.5/200,7.5/160*,5.5/130*,5.5/100*,4/85*,3/63*
CLJ-500	500			1500	15/250*,11/200*,7.5/130*,5.5/100*,4/85,3/63
CLJ-630	630			2000	15/200*,11/160*,7.5/110*,5.5/85,4/63
CLJ-800	800			2500	18.5/200*,15/160*,11/130*,7.5/100,7.5/85*,5.5/63*
CLJ-1000	1000			3000	22/200*,18.5/160*,15/130*,11/100*,7.5/85,7.5/63*
CLJ-1250	1250			4000	22/160*,18.5/130*,15/110*,11/85,7.5/63
CLJ-1400	1400			5000	22/130*,18.5/110*,15/100*,11/63*,7.5/58*
CLJ-1600	1600			6000	22/130*,18.5/110*,15/100,15/85*,11/69,11/63*
CLJ-1800	1800	8000	30/160,22/125,22/110*,15/85,11/63,11/58*		
CLJ-2000	2000	10000	30/150,30/130*,22/110,22/100*,15/69*,15/65*		

安全可靠、经久耐用、高效节能的 磁力泵更具使用价值

Safety, Reliability, Efficiency and Energy Saving make magnetic pump valuable

概况

Company Profile

磁力泵能无泄漏地输送各种液体化学品,已被广泛应用于各行各业。给化工企业解决了环保、安全、劳动保护、清洁生产,节约能源等国家法律所规定的负面影响。

我公司1983年开始研发生产磁力泵,经过三十多年的不断探索、试验和验证、创新,使得磁力泵产品的水平不断提高,能够接近和超过发达国家的水平。

今天给大家讲一下我们的磁力泵与国际先进水平对比,我们超越的几个方面

Magnetic pumps are capable to transfer all kinds of chemical liquid without leakage and are widely applied in many industries. They are resolutions for environment protection, safety, labor protection, clean production and energy saving, according to national laws and regulations.

Taicang Magnetic-Driving Pump Co., LTD started to produce magnetic pumps in 1983. More than 30 years' research, development and innovation, we have continuously improved pump's operating performance to reach and exceed that in the developed countries.

Below are the advantages of our products comparing other pumps' company.

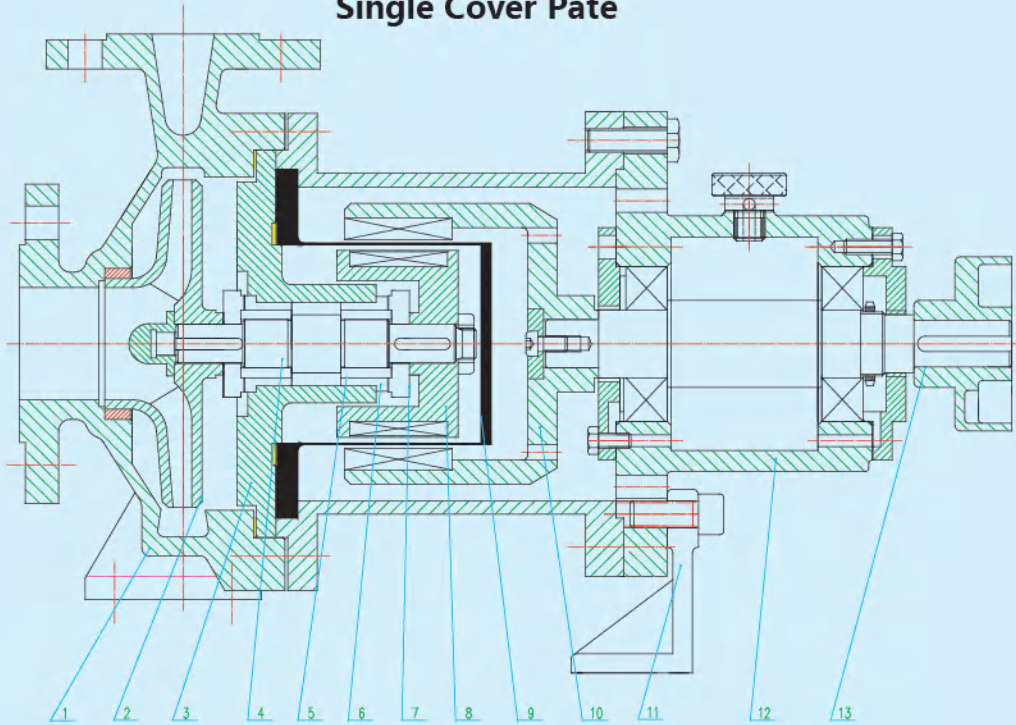
一、泵运转的安全性、可靠性

Pump's Safety and Reliability

磁力泵运行比较可靠的,是滑动轴承双支撑结构形式的。到目前为止,双支撑结构形式的,大多数为单盖板形式,很少采用双盖板结构形式。

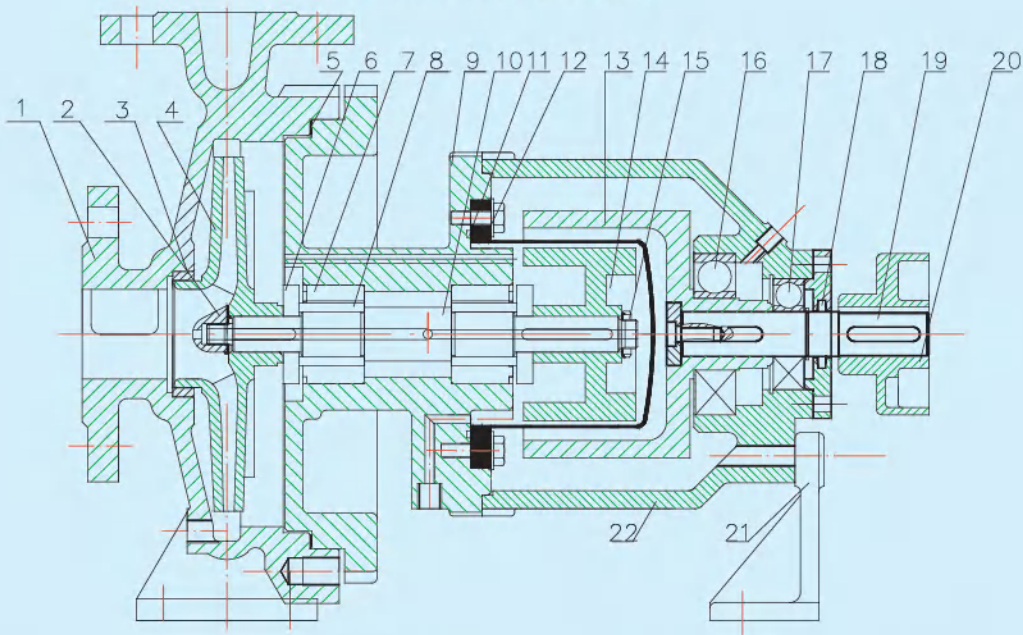
Magnetic pump's operation is reliable for its structure of sliding bearings. Till now, there are more single cover plate form applied for magnetic pumps than double cover plate form.

单盖板磁力离心泵结构 Single Cover Plate



- 1.泵壳, 2.叶轮, 3.泵盖, 4.泵轴, 5.轴套, 6.滑动轴承, 7.止推轴承, 8.内磁转子, 9.隔离套, 10.外磁转子, 11.托架, 12.轴承箱, 13.传动轴。
 1.Casing 2. Impeller 3. Casing Cover 4. Shaft 5. Shaft Sleeve 6.Sliding Bearing 7. Thrust Bearing
 8.Rotor 9.Isolation Sleeve 10.Outer Magnetic Rotor 11. Bracket 12. Bearing Bracket 13. Drive Shaft

双盖板磁力离心泵结构 Double Cover Plate



- 1.泵体; 2.叶轮螺母; 3.密封环; 4.叶轮; 5.密封垫; 6.止推轴承; 7.滑动轴承; 8.轴套; 9.中体; 10.泵轴; 11.密封圈; 12.隔离套;
 13.外联轴器; 14.内联轴器; 15.螺母; 16、17轴承; 18.轴承压盖; 19.轴; 20.加长联轴器; 21.托架; 22.悬架
 1. Casing 2. Impeller Nut 3. Seal Ring 4. Impeller 5. Gasket 6. Thrust Bearing 8. Sliding Bearing 9. Body
 10. Shaft 11. Seal Ring 12. Isolation Sleeve 13. Outer Coupling 14. Inner Coupling 15. Nut 16.17 Shaft
 18. Bearing Cap 19. Shaft 20. lengthened coupling 21. Bracket 22. Suspension

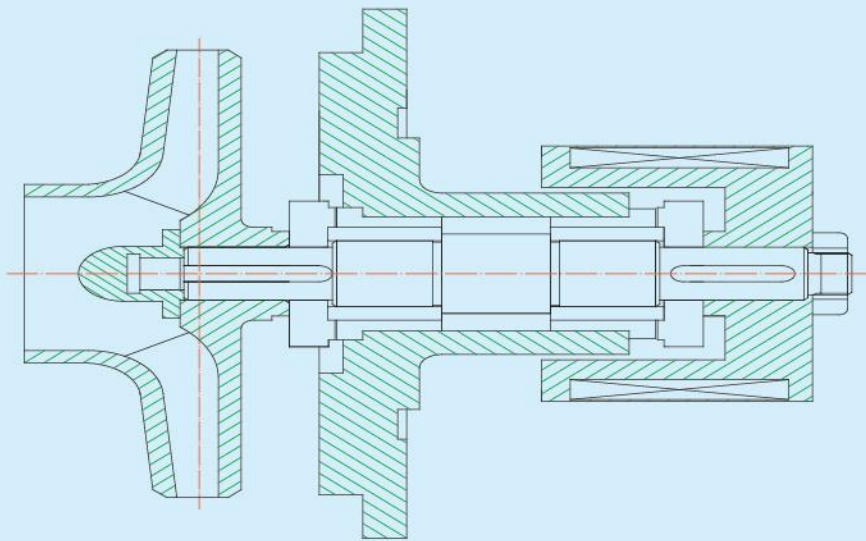
一、泵运转的安全性、可靠性—— 1、中体结构改进

Pumps Safety and Reliability - Improvement of Pump's body

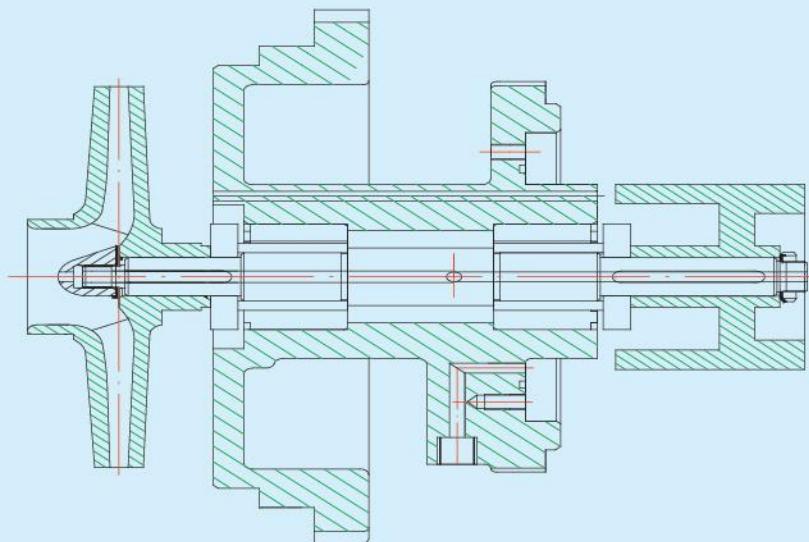
单盖板结构的中体前端支撑点设有一块盖板，后端没有盖板。双盖板的中体前端和后端都设置一块盖板，并设置加强筋。使得泵在大功率承载扭矩大，以及输送高温介质时实现中体部件尺寸的稳定，保证泵的安全运行。

There is one cover in front of Pump's body. While double cover plate, there are two covers in front of the body and at the back of the pump's body with a strengthen structure. This increase pump's torque and strengthen pump body's stability while transferring high temperature medium and ensure pump's safe operating.

单盖板中体结构
Structure of Single Cover Plate

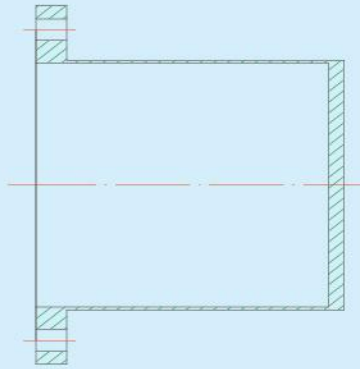


双盖板中体结构
Structure of Double Cover Plate



一、泵运转的安全性、可靠性—— 2、隔离套采用拉伸成型技术 Pumps Safety and Reliability -Stretch Forming for Isolation Sleeve

焊接隔离套 Isolated Sleeve by Welding



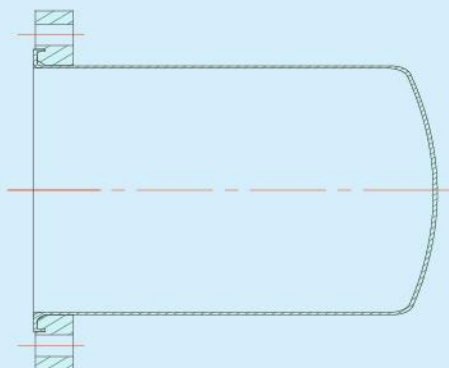
国外金属磁力泵的隔离套，都采用导磁率低的哈氏合金材料。因为，哈氏合金材质隔离套要比不锈钢材质隔离套能提高泵的效率。

到目前为止，国外磁力泵生产厂家都采用焊接工艺来制作隔离套。焊接工艺的隔离套存在着应力集中，焊接处壁厚不均匀、不平整以及会降低耐腐蚀性能等缺陷。

Hastelloy alloy with low magnetic permeability is widely used for isolated sleeve for metal magnetic pump which make pump more efficient than that of stainless steel.

Welding procedure is applied during isolated sleeve production. there are bum effect and excessive concave during welding and weaken pump's corrosion resistance.

拉伸成型隔离套 Isolated Sleeve by Stretch Forming



采用拉伸成型的哈氏合金隔离套，消除了焊接的隔离套的诸多缺陷，提高了隔离套的耐压性和耐腐蚀性，使得泵运行更具安全性。

Hastelloy alloy isolated sleeve by stretch forming eliminated the weakness of welding and improved its corrosion resistance and resistance to pressure. This make pump operating more safe.

一、泵运转的安全性、可靠性—— 3、摩擦件采用碳化钨材质

Pump Safety and Reliability - Wearing parts are made of tungsten carbide.

目前,国外生产金属磁力泵的企业,摩擦件(易损件)滑动轴承、止推轴承、轴套,均采用碳化硅材质。

我们的摩擦件均采用耐磨性能与碳化硅差不多,弯曲强度高于碳化硅三倍的碳化钨材质。

这样可以使得泵在空载、物料有颗粒杂质时,摩擦件(易损件)不会破碎,不会导致内磁钢与隔离套碰擦漏液,造成安全事故。

采用以上 1、2、3 的三项措施,使得磁力泵具有安全可靠、运行长久。

In many foreign magnetic pumps' companies, wearing parts, sliding bears, thrust bears and shafts of metal magnetic pump are made of silicon carbide.

For our company's metal magnetic pumps, the wearing parts are made of tungsten carbide which has the same abrasive resistance as silicon carbide, while its bending strength is 3 times stronger.

This protect wearing parts from breaking while transferring medium with granule and avoid the leakage between inner magnetic steal and isolated sleeve for their friction.

With the above measurements, manganic pumps operate more safe and reliable.

二、泵的节能降耗——1、叶轮流道采用研磨抛光技术 Pump's Energy Saving – Polished Impeller channel's

我们对铸造件的叶轮流道给予研磨抛光，使得磁力泵的效率大幅提高。
测试的数据和计算方式如表：

序号	泵型号	叶轮流道	流量 m ³ /h	扬程 m	轴功率 w/h	年运行 时间h	耗电 kw	电价 元	年耗电金额 元
1	IMC100-80-125	抛光	99.01	17.99	7740.29	8640	66876	1.00	66876
2	IMC100-80-125	未抛光	99.08	17.52	8282.10	8640	71557	1.00	71575

说明：

- 1、轴功率：是泵实际消耗的功率；
- 2、序号 1 为叶轮流道抛光的，序号 2 为叶轮流道未抛光的；
- 3、运转时间按照每年 360 天计算。

消耗电费抛光的比未抛光的少 4681 元 (71557KW-66876KW=4681KW)。

通过叶轮流道研磨抛光，使得客户在 3-4 间通过节约电费，能省出泵的投资款
(这项技术全球唯我一家)



We polish impeller channel to improve pump's efficiency.
Below is the detailed data.

Item No.	Pump Type	Impeller's Channel	Flow m ³ /h	Head m	Shaft's Power w/h	Operating Hrs/ Year	Power/ kw	Power price (RMB)	Total Power Cost
1	IMC100-80-125	Polished	99.01	17.99	7740.29	8640	66876	1.00	66876
2	IMC100-80-125	Unpolished	99.08	17.52	8282.10	8640	71557	1.00	71575

Note:

1. Shaft's power is the actual power consumption.
2. Item No. 1 is a pump with polished impeller channel.
Item No. 2 is a pump with an unpolished impeller channel.
3. With 360 days' operating, RMB 4699 is save for polished impeller channel comparing unpolished. (71557KW-66876KW=4681KW).

With polished impeller channel, more energy is saved.
We are the only one to have this technology of polishing impeller's channel.



流道抛光后, 试验数据

磁力泵性能试验

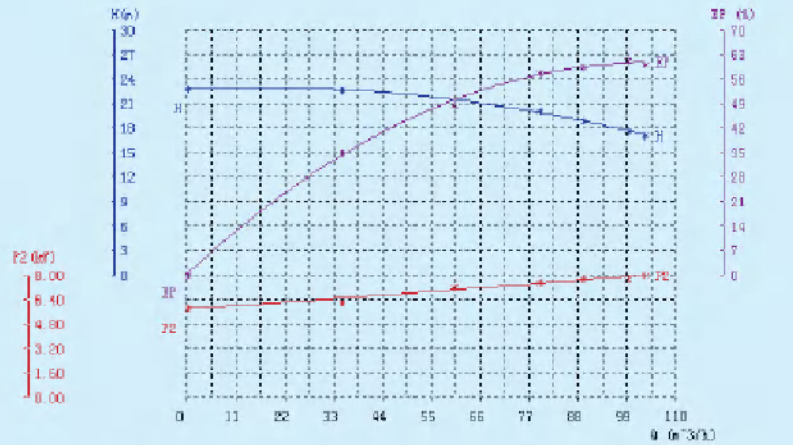
试验编号: 20140701-7
共 4 页 第 2 页

产品型号: IMC100-B0-126 试
产品编号: 20140708

流量计系数(r/l): 7.4664
表 距 (m): 0.4

入口口径 (m): 0.100
出口口径 (m): 0.08

序号	测 定 数 值					计 算 数 值					转换到额定转速 = 2940 (r/min)			
	进口压力 (kPa)	出口压力 (kPa)	流 量 (m ³ /h)	转 速 (r/min)	输入功率 (W)	轴功率 (W)	动扬程 (m)	总扬程 (m)	水功率 (W)	机组效率 (%)	流 量 (m ³ /h)	扬 程 (m)	轴功率 (W)	泵效率 (%)
1	27.70	266.72	0.00	2982.09	6907.12	6092.08	0.00	22.26	0.00	0.00	0.00	22.69	6826.40	0.00
2	23.82	260.62	36.54	2984.62	7328.48	6461.07	0.11	22.27	2239.76	20.67	24.81	22.68	6176.23	24.67
3	19.87	251.03	60.96	2984.26	8473.64	7473.64	0.54	21.87	3630.87	12.88	60.08	21.23	7146.09	48.88
4	15.86	211.13	80.27	2978.26	8823.70	7752.80	0.89	20.83	4488.82	20.87	78.24	20.01	7488.66	67.68
5	13.04	196.74	90.28	2977.29	9081.18	8009.60	0.78	19.28	4764.51	32.47	88.16	18.90	7741.62	69.49
6	10.28	177.74	100.26	2976.94	9110.81	8028.73	0.92	17.99	4911.29	45.91	98.01	17.85	7740.29	61.12
7	8.90	169.66	104.40	2976.77	9361.84	8287.14	1.00	17.40	4948.06	52.86	103.11	16.98	7964.92	69.82



流道抛光后 (金属磁力泵)

规定点: 流量 = 100.00 (m³/h) 扬程 = 20.00 (m) 泵效率 = 66.00 (%) B级 = 0.06
交 点: 流量 = 92.17 (m³/h) 扬程 = 19.43 (m) 泵效率 = 69.76 (%) C级 = 0.20

试验人员:
试验日期: 2014-7-1

流道未抛光, 试验数据

磁力泵性能试验

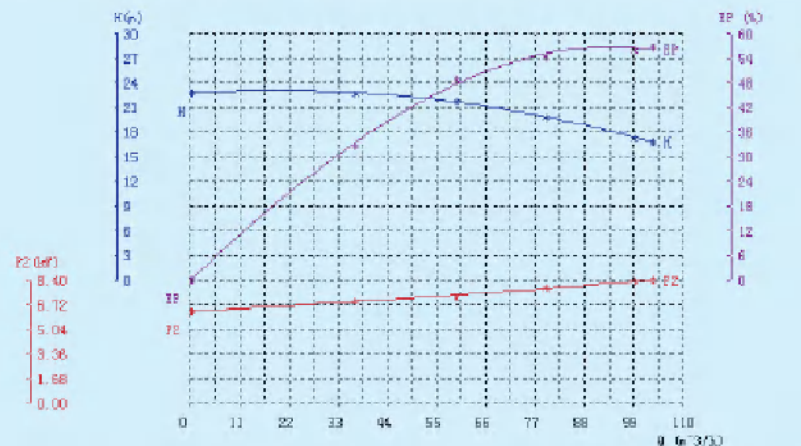
试验编号: 20140701-5
共 4 页 第 2 页

产品型号: IMC100-B0-126 试
产品编号: 20140706

流量计系数(r/l): 7.4664
表 距 (m): 0.4

入口口径 (m): 0.100
出口口径 (m): 0.08

序号	测 定 数 值					计 算 数 值					转换到额定转速 = 2940 (r/min)			
	进口压力 (kPa)	出口压力 (kPa)	流 量 (m ³ /h)	转 速 (r/min)	输入功率 (W)	轴功率 (W)	动扬程 (m)	总扬程 (m)	水功率 (W)	机组效率 (%)	流 量 (m ³ /h)	扬 程 (m)	轴功率 (W)	泵效率 (%)
1	30.54	269.00	0.00	2978.16	7658.47	6490.17	0.00	22.22	0.00	0.00	0.00	22.72	6245.94	0.00
2	25.99	260.52	37.10	2977.59	8196.68	7228.50	0.15	22.21	2544.56	28.61	36.63	22.63	6969.68	32.45
3	20.75	256.62	60.11	2976.95	8457.66	7469.66	0.38	22.24	3641.37	45.06	69.56	21.70	7106.37	48.81
4	16.94	208.69	80.26	2976.45	9062.05	8169.11	0.69	20.26	4426.88	47.78	79.50	19.77	7880.75	64.17
5	10.24	175.03	100.28	2976.72	9756.67	8687.66	0.92	17.62	4786.66	49.18	98.08	17.11	8282.10	66.71
6	8.76	167.69	104.46	2976.81	9788.28	8650.71	1.00	17.20	4892.63	60.00	103.20	16.79	8322.86	66.69



流道未抛光 (金属磁力泵)

规定点: 流量 = 100.00 (m³/h) 扬程 = 20.00 (m) 泵效率 = 66.00 (%) B级 = 0.06
交 点: 流量 = 91.65 (m³/h) 扬程 = 18.51 (m) 泵效率 = 66.63 (%) C级 = 0.17

试验人员:
试验日期: 2014-7-1



Polished Impeller Channel

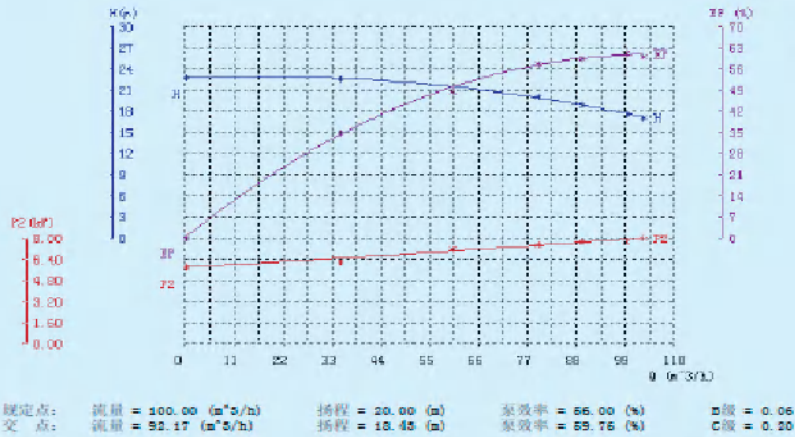
Performance Test

Pump Type:IMC 100-80-125
Product No. : 20140738

Flow (r/1): 7.4661
Distance (m): 0.4

Inlet diameter: (m): 0.100
Outlet diameter: (m): 0.08

Item No.	Tested Item					Calculated Value					Rated Speedy = 2940 (r/min)			
	Inlet pressure (Kpa)	Outlet pressure (Kpa)	Flow m3/h	Rotary Speed (r/min)	Input Power (r/min)	Shaft Power (W)	Active Head (m)	Total Head (m)	Water (W)	Capacity of Power (%)	Flow (m3s/h)	Head (m)	Shaft Power (W)	Pump Efficiency (%)
1	27.70	256.72	0.00	2982.49	6907.12	6092.08	0.00	23.35	0.00	0.00	0.00	22.69	5856.40	0.00
2	23.52	250.62	35.34	2984.52	7325.48	6461.07	0.11	23.27	2239.76	30.57	34.81	22.58	6176.23	34.67
3	19.87	231.03	60.96	2984.25	8473.51	7473.64	0.34	21.87	3630.67	42.85	60.05	21.23	7146.09	48.58
4	15.66	211.13	80.27	2978.36	8823.70	7782.50	0.59	20.53	4488.82	50.87	79.24	20.01	7485.65	57.68
5	13.04	195.74	90.28	2977.39	9081.18	8009.60	0.75	19.38	4764.51	52.47	89.15	18.90	7711.62	59.49
6	10.38	177.74	100.25	2976.94	9110.81	8056.73	0.92	17.99	4911.29	53.91	99.01	17.55	7740.29	61.12
7	8.80	169.65	104.40	2976.77	9361.84	8257.14	1.00	17.40	4948.05	52.85	103.11	16.98	7954.92	59.92



Polished Impeller Channel
(Metal Magnetic Pump)

试验人员:
试验日期: 2014-7-1

Unpolished Impeller Channel

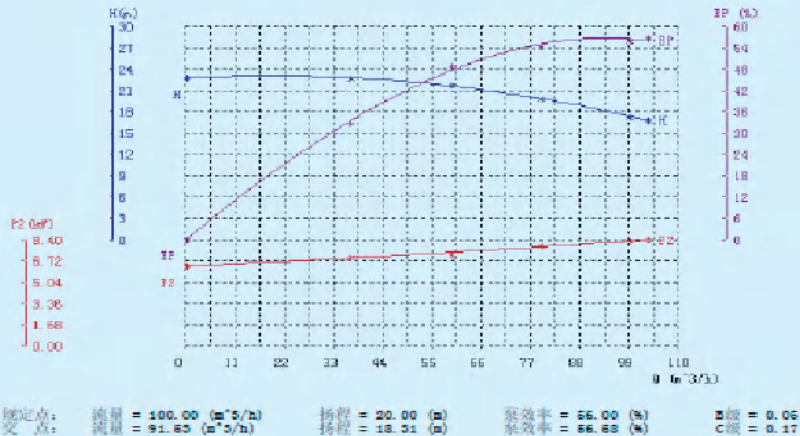
Performance Test

Pump Type:IMC 100-80-125
Product No. : 20140736

Flow (r/1): 7.4661
Distance (m): 0.4

Inlet diameter: (m): 0.100
Outlet diameter: (m): 0.08

Item No.	Tested Item					Calculated Value					Rated Speedy = 2940 (r/min)			
	Inlet pressure (Kpa)	Outlet pressure (Kpa)	Flow m3/h	Rotary Speed (r/min)	Input Power (r/min)	Shaft Power (W)	Active Head (m)	Total Head (m)	Water (W)	Capacity of Power (%)	Flow (m3s/h)	Head (m)	Shaft Power (W)	Pump Efficiency (%)
1	30.34	259.00	0.00	2978.15	7358.47	6490.17	0.00	23.32	0.00	0.00	0.00	22.72	6243.94	0.00
2	23.99	250.32	37.10	2977.39	8195.58	7228.50	0.13	23.21	2344.55	28.61	36.63	22.63	6969.58	32.43
3	20.73	235.62	60.11	2976.93	8457.55	7459.56	0.33	22.24	3641.37	43.06	59.36	21.70	7185.37	48.81
4	15.94	208.69	80.26	2975.43	9262.03	8169.11	0.59	20.25	4425.38	47.78	79.30	19.77	7880.75	54.17
5	10.24	173.03	100.28	2975.72	9736.57	8587.65	0.92	17.52	4785.65	49.16	99.08	17.11	8282.10	55.73
6	8.76	167.59	104.46	2975.81	9785.38	8630.71	1.00	17.20	4892.63	50.00	103.20	16.79	8522.86	56.69



Unpolished Impeller Channel
(Metal Magnetic Pump)

试验人员:
试验日期: 2014-7-1

二、泵的节能降耗——2、碳纤维布复合聚醚醚酮隔离套

Pump's Energy Saving – Isolated Sleeve is made of CF/PEEK

美国 API685 新的标准提出来，金属磁力泵的隔离套，要采用非金属材质。这项举措，主要是为了提高金属磁力泵的效率。

目前，我公司已经研发生产出碳纤维布复合聚醚醚酮隔离套。经我公司耐压试验，隔离套耐压能够达到 3Mpa 以上，对比碳纤维短丝增强的聚醚醚酮隔离套耐压提高了二倍以上。使得金属磁力泵的效率能接近非金属磁力泵，与机械密封的离心泵效率仅差 1-2%。由于聚醚醚酮可以耐除强氧化性外的介质，该隔离套可广泛应用于金属磁力泵上。这项技术填补国际空白。

With requirement American standard of API685, isolated sleeve of metal magnetic pump must be made of non-metal material to improve pump's efficiency.

Currently, our company has developed isolated sleeve making of CF/PEEK. After pressure test, pressure resistance of them exceed 3Mpa, which is two times higher than that of staple reinforcement PEEK. This makes the performance of metal magnetic pump close to non-metal magnetic pump, and only 1% to 2 % lower than mechanical seal pump. except strongly oxidizing medium, isolated sleeve with PEEK is able to take all kinds of medium. They are widely used in metal magnetic pumps. This technology filled in the blanks of the industry.





国家火炬重点高新技术企业证书
Certificate of High-tech Enterprise in National Torch Plan



质量管理体系认证证书
Certificate of Conformity of Quality Management System (ISO9001:2000)



江苏省质量信用产品证书
Certificate for Credible Product



CE证书
CE Certificate



高新技术企业证书
Certificate of High-technology Enterprise



碳纤维增强聚醚醚酮塑料磁力离心泵
Plastic Magnetic Drive Pump with Carbon Fiber Reinforced PEEK



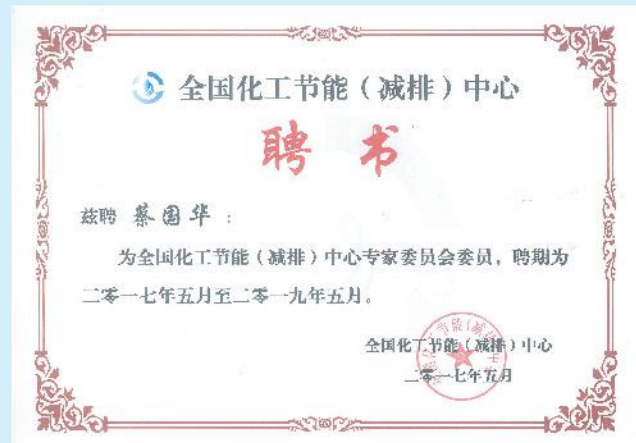
塑料磁力泵省高新技术产品证书
Certificate of High-Tech Product: Plastic Magnetic Pump



中国高效节能装备产业发展联盟理事单位证书
Certificate for the Member of China Industry Development Alliance for Efficiency & Energy saving



塑料磁力驱动化工流程泵省高新技术产品证书
Certificate of High-Tech Product: Plastic Magnetic Drive Chemical Flow Pump



蔡国华聘为全国化工节能减排中心专家委员聘书
Mr. Guohua Cai is appointed as the member of experts committee of CNCECC (China Petroleum and Chemical Energy Saving & Emission Reduction).



知识产权管理认证证书
the Certification of the Intellectual Property Management System



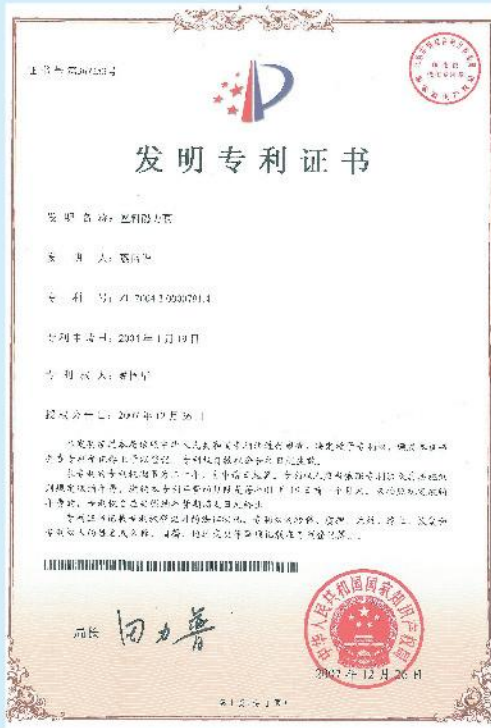
苏州名牌产品证书
the Certificate of Suzhou Brand-name



苏州市信用管理示范企业证书
the Certificate of Suzhou Credit Management Demonstration Enterprise



采用国际标准产品标志证书
Adopting International Standard Product Making Certificate



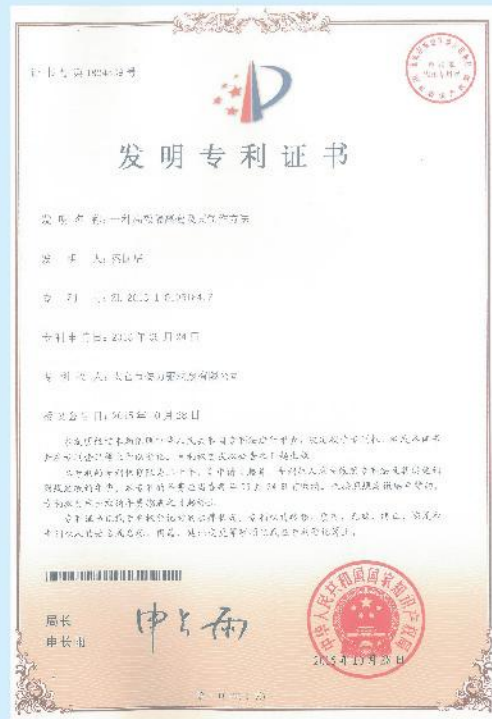
塑料磁力泵发明专利证书
Invention Patent Certificate for Plastic Magnetic Pumps



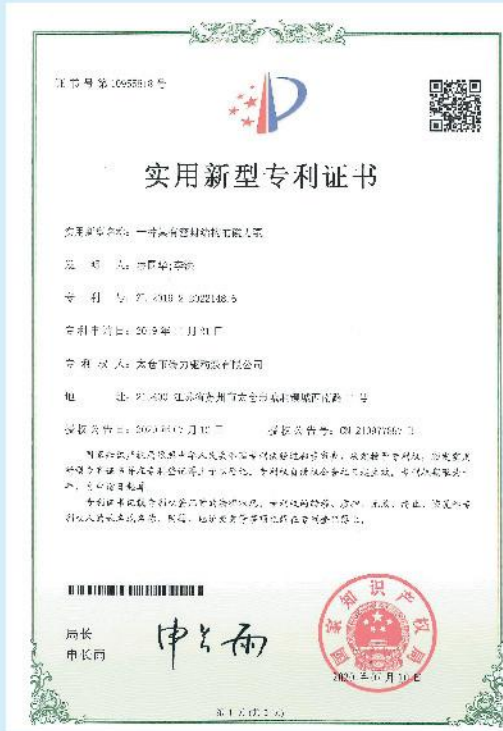
磁力驱动化工流程泵发明专利证书
Invention Patent Certificate: Magnetic Drive Chemical Process Pumps



用聚醚醚酮粉末喷涂金属制品表面的方法发明专利证书
Invention Patent Certificate for Coating Metal with PEEK



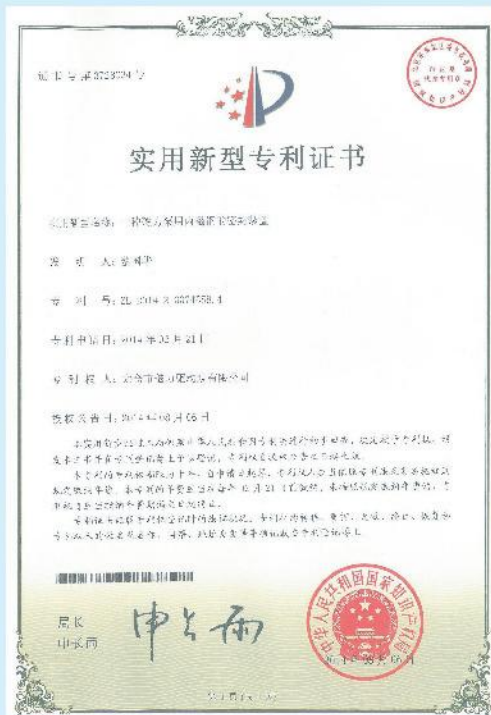
一种高效隔离套及其制作方法发明专利证书
Invention Patent Certificate for efficient distance sleeve of magnetic pump and its production



一种采用液压成型的金属隔离套
Patent for Utility Model for Hydroformed Metal Isolation Cover



一种采用液压成型的内转子套
Patent for Utility Model for Hydroformed Inner Rotor Metal Sleeve



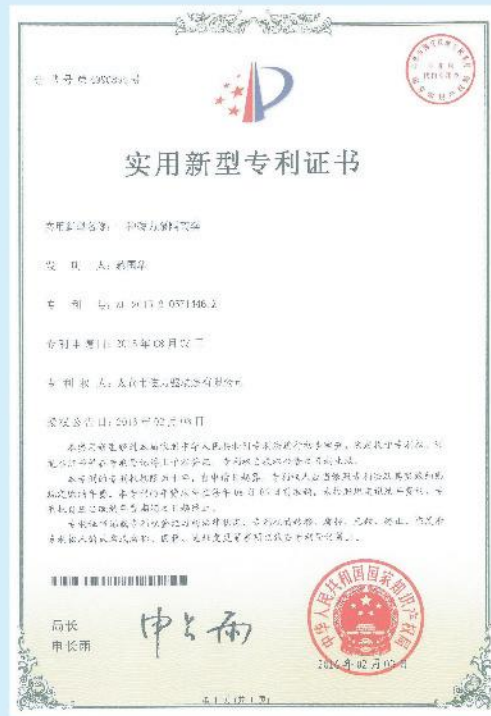
一种磁力泵用内磁钢的密封装置
Seal Patent for Utility Model of Seal Sets for Pump's Inner Magnetic Steel



一种稳定型磁力泵泵体
Patent for Utility Model for Pump Casing



一种耐腐蚀磁力泵泵轴
Patent for Utility Model for A Anticorrosive Pump Shaft



一种磁力泵隔离套
Patent for Utility Model for Isolation Cover



磁力离心泵隔离套
Patent for Utility Model for Isolation Cover of Centrifugal Pump



一种磁力泵
A Magnetic Pump Patent for Utility Model



江苏省新技术新产品推广应用工作联席会议办公室文件

苏新联办发〔2021〕1号

关于印发省重点推广应用的新技术 新产品目录（第二十六批）及公告目录内有效 新技术新产品名单的通知

省新技术新产品推广应用工作联席会议成员单位，各市工信局、发改委、科技局，昆山市、泰兴市、沭阳县工信局、发改委（局）、科技局：

根据《省政府关于进一步加强新技术新产品推广应用的意见》（苏政发〔2012〕96号）文件和《省重点推广应用的新技术新产品指南（2017年）》（苏新联办发〔2017〕2号），经企业自愿申报、各市择优推荐、专家论证，403个新技术新产品（含2020年江苏省重点领域首版次软件51款）列入省重点推广应用的目录（第二十六批），现予公布，自公布之日算起三年内有效。列入《目录》的新技术新产品是省重点组织推广应用的对象，

将优先享受省有关政策的支持。

- 附件：1. 省重点推广应用的新技术新产品目录(第二十六批)
2. 第十七至二十五批省重点推广应用的新技术新产品目录

省新技术新产品推广应用工作联席会议办公室

2021年6月21日



抄送：省委办公厅，省人大常委会办公厅，省政府办公厅，
省政协办公厅。

江苏省新技术新产品推广应用工作联席会议办公室 2021年6月21日印发



序号	领域	新技术新产品名称	企业名称	证书编号
238	节能环保	超声波清洗换能器	无锡市和森科技有限公司	NO.202101238
239	节能环保	新型汽轮机弹性自调式涡流汽封	智伟电力（无锡）有限公司	No.202101239
240	节能环保	LL1GBQ24-ZUKUNFT24/30K型冷凝式燃气暖浴两用炉	瀚莎热力科技有限公司	No.202101240
241	节能环保	全自动生物质气化裂解燃烧机	徐州市元亨新能源开发有限公司	No.202101241
242	节能环保	HD 高纯铂粉	徐州浩通新材料科技股份有限公司	No.202101242
243	节能环保	有氧空气消毒机	江苏弗瑞仕环保科技有限公司	No.202101243
244	节能环保	再生骨料水工连锁护坡砖	江苏绿和环境科技有限公司	No.202101244
245	节能环保	多功能草地松土机 GE-SC35L/1	常州合力电器有限公司	No.202101245
246	节能环保	无刷锂电割草机 GE-CM36/36U	常州合力电器有限公司	No.202101246
247	节能环保	催化裂化装置焚烧式 CO 余热锅炉	苏州海陆重工股份有限公司	No.202101247
248	节能环保	GGD 防辐射低压配电柜	江苏金和电气有限公司	No.202101248
249	节能环保	SJL-10 型封闭式湿垃圾资源化就地处理装置	苏州圣甲郎环境工程有限公司	No.202101249
250	节能环保	CB110F0.55-010 打磨机械用永磁直驱电机	苏州德能电机股份有限公司	No.202101250
251	节能环保	高性能水性超薄型防火涂料	太仓佩琦涂料有限公司	No.202101251
252	节能环保	IMC 金属磁力驱动离心泵	太仓市磁力驱动泵有限公司	No.202101252
253	节能环保	混合垃圾多功能高效破碎机	太仓金马智能装备有限公司	No.202101253
254	节能环保	装修垃圾资源化处置智能控制成套产线	太仓金马智能装备有限公司	No.202101254
255	节能环保	分布式模块化有机废弃物就地资源化处理和利用设备	苏州韩博环境科技有限公司	No.202101255