



# High purity pumps

东正一直致力于技术革新  
是您值得信赖的事业伙伴  
**Donjoy has been committed to  
technical innovation, is your trustworthy  
business partner!**

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# 温州空港新区总部生产基地 Wenzhou airport economic zone production base



占地面积约29000m<sup>2</sup>，总投资约1.2亿RMB，约2000万USD。

Covering an area of 29000 m<sup>2</sup>, with total investment after construction is expected to 120 million yuan, about 20 million USD.

# 领先源于创新 创新源于专业

## 东正的专业与品质的邂逅源于创新的精神

东正创立于1993年，注册资本6088万(约1000万USD)，是一家专注于高精度PID阀门定位器，阀门控制单元，阀门位置反馈器、智能自控阀、比例调节阀、过程控制阀、高洁净泵、均质混合泵、清洗技术、压力容器和管道安全控制技术、高洁净管材和管道配件，集研发、生产与销售为一体的国家高新技术企业。产品用途涉及行业和领域有生物制药、食品饮料、酿酒、精细化工等工业领域。东正领先的技术和持续创新解决方案，对满足全球，尤其是新兴市场不断增长生物制药和食品饮料行业的需求起到了积极作用。

东正制造的产品母材料、加工技术、焊接技术、表面处理等技术指标均已达到国际领先水平。且符合ASME BPE、EHEDG、FDA、3A等一系列国际标准和规范要求。先后通过了由德国 TÜV 机构实施的欧盟承压设备指令(PED-97/23/EC)和(MD-06/42/EC)认证；美国 3A机构实施的3-A卫生标准认证；中国安全阀特种制造设备(TS)许可证和中国质量认证中心CQC ISO9001:2015 质量管理体系认证等多项国际权威认证。

东正凭借领先的技术、优异的品质和完善的售后服务体系，公司荣获为《国家高新技术企业》，《浙江省著名商标》、《科技型企业》、《创新型企业》、《专利示范企业》、《研发中心企业》，《守合同重信用AAA企业》等众多荣誉称号。





## Leading from innovation, innovation from the professionalism! Donjoy's professionalism and quality come from the spirit of innovation!

Donjoy was founded in 1993, with registered capital RMB 60.88 million (about 10million USD) We focus on developing high-precision PID valve positioner, Valve Control unit, Valve Position feedback device, intelligent automatic control valve, proportional valve, process control valve, high purity pump, homogeneous mixing pump, cleaning technology, pressure vessel, pipeline safety control technology, high clean pipe fitting&pipeline accessories and integrating r&d, production and sales as an integrated national high-tech enterprises. Donjoy's products are widely used in bio-pharmaceutical, food and beverage, wine, fine chemicals and other industrial fields. Donjoy's leading technology and innovation solutions meets growing demand in the industry of bio-pharmaceutical, food and beverage from the whole world, special emerging market.

Raw material, processing technology, welding technology, surface treatment and other technology from Donjoy have achieved advanced level in international market. It also complies with a series of international standards and specifications such as ASME BPE, EHEDG, FDA and 3A , It has passed the EU Pressure Equipment Directive (PED-97/23/EC) and (MD-06/42/EC) issued by the German TÜV organization; the 3-A health standard certification issued by the 3A organization; China Safety Valve Special Manufacturing Equipment (TS) License , China Quality Certification Center (CQC) and Quality Management System Certification (ISO9001:2015) and many other international authoritative certifications.

With advanced technology, excellent quality and perfect after-sales service system, Donjoy was awarded as National High-tech Enterprise, Provincial Famous Trademark, Science and Technology Enterprise, Innovative Enterprise, Patent Demonstration Enterprise, R & D Center Enterprise, AAA Credit Enterprise and many other honorary.



全面的创新技术能力  
为您带来创造性的解决方案



## Comprehensive innovation technology, capabilities Bring you creative solutions

东正拥有诸多领先的产品技术，如各种比例调节阀、过程自控阀、生物制药隔膜阀、防混双座阀、压力容器和管道安全控制技术、清洗技术、高洁净转子泵、螺杆泵、离心泵、自吸泵、均质乳化泵、均质混合泵、卫生管件和无菌管件等.....

Donjoy owes many leading technology products, such as various proportioning regulating valve, process automatic control valve, pharmaceutical diaphragm valve, mixed double seat valve, pressure vessel and pipeline safety control technology, clean technology, high cleanliness rotor pump, screw pump, centrifugal pump, self-priming pump, homogeneous emulsion pump, homogeneous mixing pump, sanitary fittings, aseptic pipe fittings and so on.

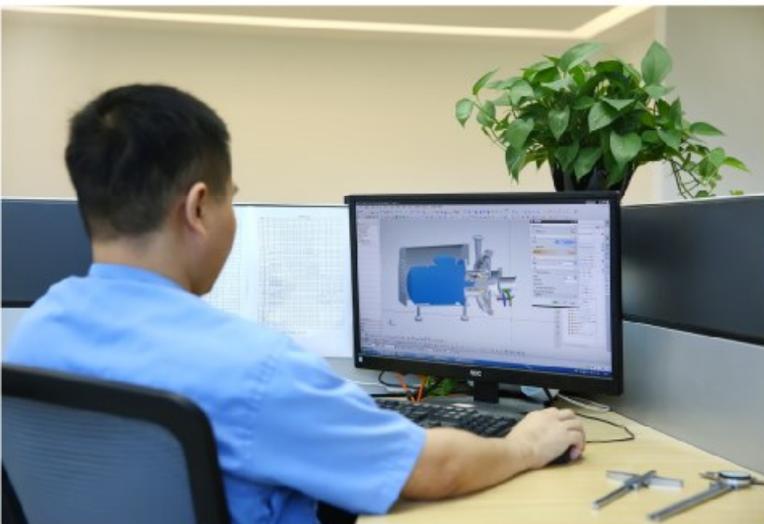


企业的成功源于创新。东正的成功基于创始人“开拓创新、追求卓越”的创新精神，1994年东正开发了第一只高洁净的蝶阀，这只蝶阀是东正的起始点。

控制器的研发成就完美的过程自动控制，2004年东正成功研发了技术领先的阀门定位器、阀门控制单元。

高洁净泵的研发确保物料输送的洁净，2006年东正成功研发了高精度的转子泵、离心泵、混合泵、自吸泵。

我们一直走在行业与时代的前沿，把不断革新、日新月异的市场发展和客户需求作为自身最大的挑战。东正有自己的独立的思维和视野，始终保持领先致力于产品在新经济领域中的开发和应用。未来我们将一如既往的坚持以技术创新、以顾客为导向走向新的成功。



Success of an enterprise stems from innovation. Donjoy's success is based on the founder's innovative spirit of "pioneering innovation and pursuing excellence". In 1994, Donjoy developed the first highly purity butterfly valve, which was the starting point of Donjoy.

Research and development of the controller achieves perfect automatic process control. In 2004, Donjoy has successfully developed advanced valve positioner and valve control unit.

Research and development of high purity pump to ensure the purity of medium transportation. In 2006, Donjoy has successfully developed high precision lobe pump, centrifugal pump, mixing pump and self-priming pump.

We are always at the forefront of the industry and times, taking the continuous innovation of technology, rapid market development and customer demand as our biggest challenge. Donjoy has its own independent thought and horizons, and always maintains a leading position in the development and application of products in the new economic field. In future, we will continue to adhere to technological innovation and customer-oriented towards new success.



## 精益加工车间 Lean processing workshop



东正以科学技术领先为第一生产力，也是企业核心竞争力。只有不断投入核心技术研发和创新，不断追求卓越、精益求精、以先进生产设备，严格的质量管理体系，严谨的检测流程、保证每款产品的优良性能。

Donjoy takes leading in science and technology as the first productivity as well as the core competitiveness of the enterprise. With continuous investment in core technology research, development and innovation; constant pursuit of prominence and excellence; advanced production equipment; strict quality management system; and rigorous testing process, we ensure excellent quality and performance of every product.



机器人生产线 Robot production line

# 装配车间 Assembly workshop



# 荣誉与资质 Honor and qualification

	<p><b>3A</b></p> <p>东正是美国3A认证组织的成员。3A是一个自愿组织，致力于维护公共卫生和奶制品产品质量通过独特的行业监管程序的设备，用于处理乳制品的卫生标准3-A。</p> <p>Donjoy is a member of US 3A Certification Organization, 3A is a voluntary organization dedicated to maintaining the quality of public health and dairy products through a unique industry regulatory process for the treatment of dairy product hygiene standards 3-A.</p> <ul style="list-style-type: none"> <li>◆54-02 (Diaphragm-Type Valves)-NUMBER: 1580-隔膜阀</li> <li>◆02-11 (Centrifugal and Positive Rotary Pumps) NUMBER: 1579-高洁净泵</li> <li>◆85-03 (Double-Seal Mixproof Valves) NUMBER: 1797-双座防混阀</li> <li>◆64-03 (Pressure Reducing and Back Pressure Regulating Valves ) NUMBER: 1764-减压阀&amp;调节阀</li> <li>◆53-05 (Compression-Type Valves) -NUMBER: 1782-单座阀(单向阀)</li> <li>◆68-03 (Ball-Type Valves) NUMBER: 1785-球阀</li> <li>◆55-02 (Boot Seal-Type Valves) NUMBER: 1783-无菌取样阀</li> <li>◆04-02 (Personnel Access Ports for Wet Applications) NUMBER: 1786-人孔。</li> <li>◆63-03 (Sanitary Fittings) NUMBER: 1581-卫生管件</li> </ul>
	<p><b>PED/97/23/EC&amp;MD/06/42/EC</b></p> <p>由德国TÜV机构实施的欧盟承压设备安全指令 (PED-97/23/EC)，机械安全指令MD-06/42/EC。</p> <p>EU Pressure Equipment Safety Directive (PED-97/23/EC), Machinery Safety Directive MD-06/42/EC, implemented by TÜV, Germany.</p> <ul style="list-style-type: none"> <li>◆MD/06/42/EC NUMBER: 705201402401-00 - LOBE PUMP转子泵 ◆MD/06/42/EC NUMBER: 705201616101-00 - Centrifugal pump 离心泵</li> <li>◆PED/97/23/EC NUMBER: DGR - 0036-QS-1153-14-Valvee 阀门系列</li> </ul>
	<p><b>安全阀特种制造许可证(TS) Safety valve special manufacturing license</b></p> <p>东正通过了安全阀特种制造许可证，目前是国内首家通过“高洁净安全阀特种制造许可证”的企业(安全附件及安全保护装置)。</p> <p>◆其证书编号：TSF 733008-2019</p> <p>Donjoy has passed the safety valve special equipment manufacturing license. Recently, is the first enterprise in China to pass the "Special Manufacturing License for High Clean Safety Valves" (safety accessories and safety protection devices). ◆Certificate number: TSF 733008-2019</p>
	<p><b>FDA.177.2600</b></p> <p>东正制造的高洁净阀门和泵以及流体设备等，与物料接触密封面全部通过或符合美国食品和药品管理局和联邦法规第21条即，CFR 21 FDA177.2600和FDA177.1550认证，其涵盖：EPDM VITON (FPM) SILICON HNBR 等橡胶和PTFE 塑料材料。 ◆符合美国 3-A-18-03-CLASS - II</p> <p>The seals of Donjoy's high-cleaning valves, pumps and fluid equipment that contact with material, all pass or comply with the US Food and Drug Administration and Federal Regulations issue 21, i.e. CFR 21 FDA177.2600 and FDA177.1550 certification. The seals cover : EPDM, VITON (FPM), SILICON, HNBR and other rubber &amp; PTFE plastic material. ◆Meets US 3-A-18-03-CLASS - II</p>
	<p><b>ISO-9001-2015</b></p> <p>东正通过中国质量认证中心CQC ISO9001-2015/GB/T19001-2015企业质量管理体系认证。 ◆其证书编号：00117Q38464R4M/3302</p> <p>Donjoy passed the China Quality Certification Center CQC, ISO9001-2015/GB/T19001-2015 enterprise quality management system certification. ◆Its certificate number is 00117Q38464R4M/3302.</p>
	<p><b>卫生许可证 Hygiene License</b></p> <p>东正通过了省卫生厅卫生阀门、卫生管件等检验且获得了其颁发的证书。 ◆其批准文号：第0056号</p> <p>Donjoy passed the inspection of sanitary valves and sanitary fittings of the Provincial Health Department and obtained the certificate issued by it. ◆Its approval number: No. 0056</p>
	<p><b>国家高新技术企业 National High-Tech Enterprise</b></p> <p>东正，经过20余年发展和技术研发，2011年被评定为国家高新技术企业。</p> <p>Donjoy, after more than 20 years of development and technology research &amp; development, was assessed as a national high-tech enterprise in 2011.</p>
	<p><b>浙江省著名商标 Zhejiang province famous trademark</b></p> <p>东正，凭借先进的技术、优良的品质和完善的售后服务体系，2012年被浙江省工商厅评定为浙江省著名商标。</p> <p>Donjoy, by virtue of advanced technology, excellent quality and perfect after-sales service system, was recognized as a famous trademark of Zhejiang Province by the Industrial and Commercial Bureau of Zhejiang Province in 2012.</p>

东正不但拥有以上认证和荣誉，且被评定为省科技型、创新型、专利示范、研发中心、重合同守信用等诸多荣誉。并拥有100多项专利技术。

Donjoy not only owes above certification and honors, but also has been evaluated as provincial science and technology type, innovation, patent demonstration, research and development center, contract keeping and other honors. It also owes more than 100 patented technologies.

## 荣誉与资质 Honor and qualification



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# 工艺管道连接对泵使用的影响

## The effect of pipe connection on pump usage



ABB  
IE2 IEC 60034-1  
3-Motor

No.	V	Hz	kw	r/min	A	cosφ	F	IP55
	230△	50	1.5	1441	6.11	0.74	S1	
	400 Y	50	1.5	1441	3.53	0.74	S1	
	230△	50	1.5	1435	6.10	0.78	S1	
	380 Y	50	1.5	1435	3.53	0.78	S1	
	460 Y	60	1.5	1741	3.22	0.70	S1	
	440 Y	60	1.5	1735	3.17	0.74	S1	

50Hz:IE2-82.8(100%)  
60Hz:IE2-84.0(100%)  
Prod.code 3GBA092510-ASCCN  
6205-2Z/C3 6024-2Z/C3 23 kg

说明：铭牌图片仅供格式参考，最终数据以实际铭牌为准。  
Remark: The format of the rating plate is for reference only, the final figure will be subject to the actual rating plate.

### 宽电压电机 Wide Voltage Motor

功率 Power(KW)	电压范围 Voltage	功率 Power(KW)	电压范围 Voltage
0.55	210V-230V/50HZ	4.0-5.5	360V-400V/50HZ
0.75		7.5-11	
1.1-1.5	420V-460V/60HZ	15-18.5	420V-460V/60HZ
2.2-3.0		22-30	

注意：电机采用 IEC EN IE2 能效等级，PTC 热敏电阻。（相当于中国二级能效）  
Note: The motor adopts IEC EN IE2 energy efficiency class, PTC thermistor. (Corresponding to China level two energy efficiency)  
注意：其他电机功率、电压、频率等，请联系东正。  
Note: Other motor power, voltage, frequency, etc., please contact DONJOY

### O型圈配置 O-ring Configuration

我们所采用密封橡胶都符合 FDA 177.2600; 3-A-18-03; Class II; USP Class VI Chapter 88 GB 4806.11; 等各种卫生高洁净的要求。

EPDM=标准

适用范围：温度 -10°C 到 130°C; PH 值约 5-9, 可耐受各种卫生领域介质及工业化学品, 成本低(推荐)。

FKM(Viton)=选项

适用范围：温度 -10°C 到 150°C; 可耐受各种卫生领域介质及工业化学品、油品等各种介质。

FFKM=选项

适用范围：温度 -30°C 到 250°C; 可耐受各种卫生领域介质及工业化学品、油品等各种介质, 几乎可以涵盖所有介质, 成本较高。

HNBR=选项

适用范围：温度 -10°C 到 150°C; 可耐受各种卫生领域介质及工业油品等各种介质, 特别适用于油品。

The sealing rubbers we use are in compliance with hygienic and high purity requirements, such as FDA 177.2600; 3-A-18-03; Class II; USP Class VI Chapter 88 GB 4806.11 and so on.

EPDM=Standard

Scope of application: Temperature -10 °C to 130°C; PH value about 5-9, can tolerate with various media in the health field and industrial chemicals, low cost (recommended)

FKM(Viton)=Option

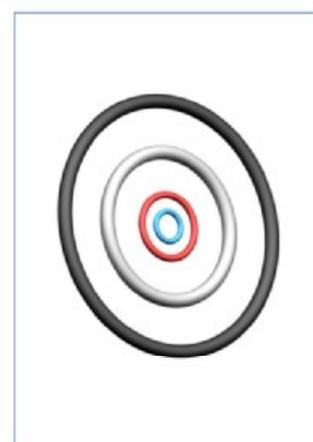
Scope of application: Temperature -10°C to 150 °C; can tolerate with various media in the health field, industrial chemicals, oils and so on.

FFKM=Option

Scope of application: Temperature -30°C to 250°C; can tolerate with various media in the health field, industrial chemicals, oils, etc., can cover almost all media, higher cost

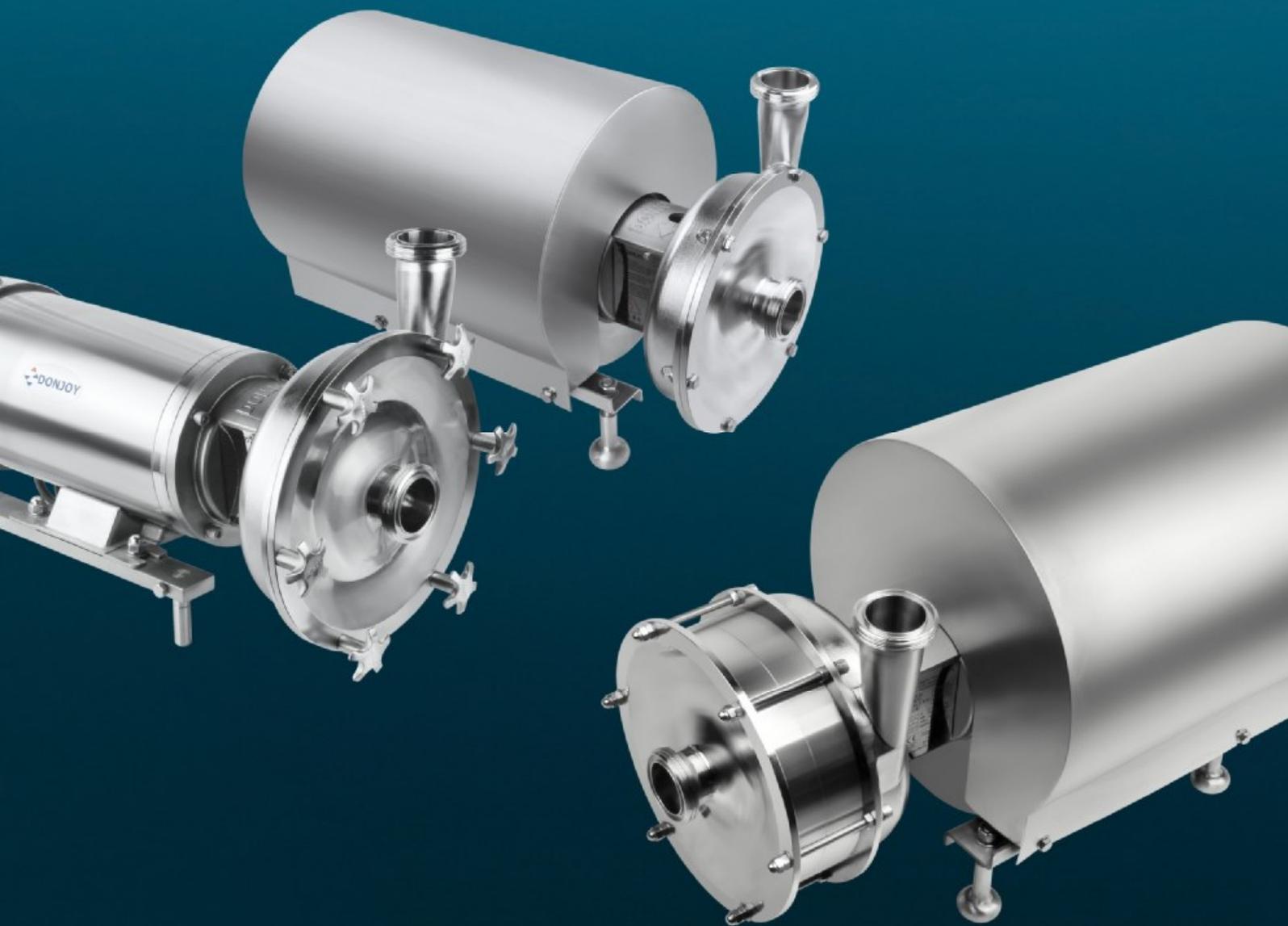
HNBR=Option

Scope of application: Temperature -10 °C to 150°C; can tolerate with various media in the health field, industrial oils, etc., especially suitable for oil products.



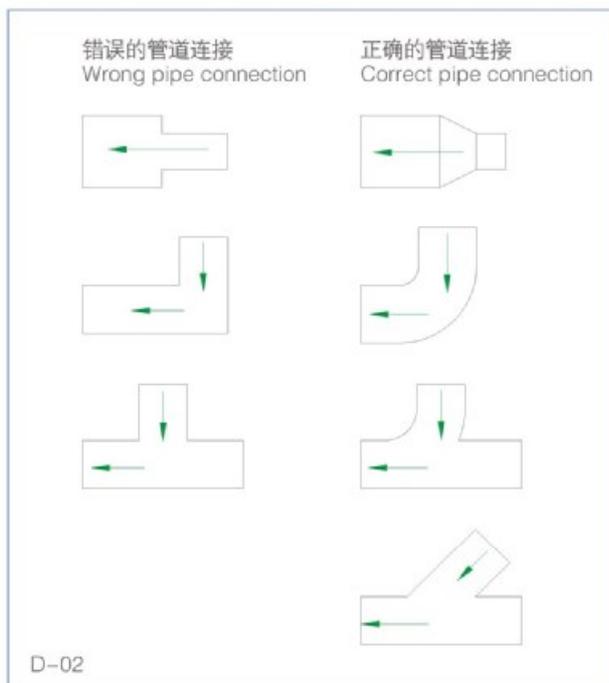
# Centrifugal pump series

离心泵系列



## 工艺管道连接对泵使用的影

## The effect of pipe connections on pump usage

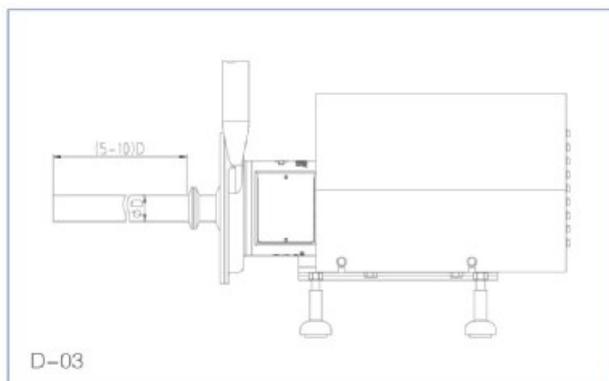


### 泵进口/出口连接管道的建议

液体在管道中会有能量的损失，分为沿程损失和局部阻力损失，这两种的损失最终会影响流量和扬程的损失。因此管道内部越光滑沿程损失越小，管径变化越小局部助力损失越小。因此尽可能不采用粗糙管道内壁和错误的连接方式，不要采用缩径过大、弯曲过多、弯曲过小等工艺管路。为了提高泵的使用寿命和泵的性能请尽量减少工艺管道弯曲和缩径等。(如图 (D-02)所示)

### Suggestion for pump inlet / outlet connect to pipeline

Liquid in the pipeline will have energy loss, divided into along damage and local resistance damage, which will eventually affect the flow and head loss. Therefore, the smoother the inner part of the pipeline, the smaller the damage along the path; the smaller the diameter change, the smaller the local power loss. As a result, rough inner wall and connection should be avoided as much as possible. do not use the shrinkage diameter too large, too much bending, bending too small and so on process pipelines. In order to improve the service life of the pump and the performance of the pump, please try to reduce the process pipe bending and shrinkage diameter. (As shown in (D-02))

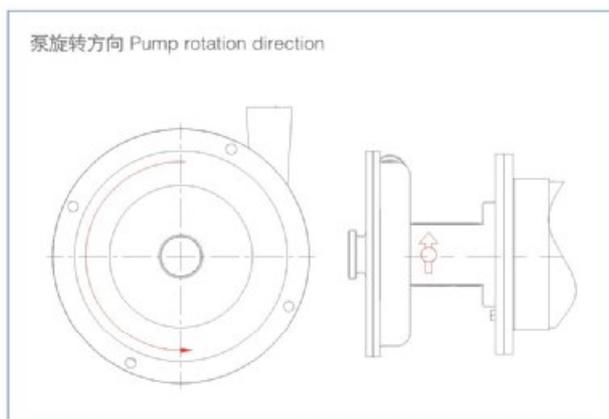


### 泵进口/出口连接距离的建议

为确保离心泵稳定运行并延长使用寿命，要求严格按照泵本体的进口和出口尺寸安装，严禁使用小于泵的进口和出口尺寸的管道连接，否则容易造成泵抖动、噪音、汽蚀余量增加等现象；泵进口连接管道需要保持一定直管距离；建议按照进口管道尺寸的5-10倍直径。(如图 (D-03) 所示)

### Suggestions for pump inlet / outlet connection dimensions

In order to ensure the stable operation of the centrifugal pump and prolong the service life, it is required to install strictly according to the inlet and outlet sizes of the pump itself. It is strictly forbidden to use the pipe connection smaller than the inlet and outlet sizes of the pump, otherwise it will easily cause pump shake, noise, NPSH increase, etc.; the pump inlet connecting with pipeline needs to maintain a certain straight pipe distance; it is recommended to be 5-10 times the diameter of the inlet pipe. (As shown in (D-03))



### 泵电机和叶轮旋转方向

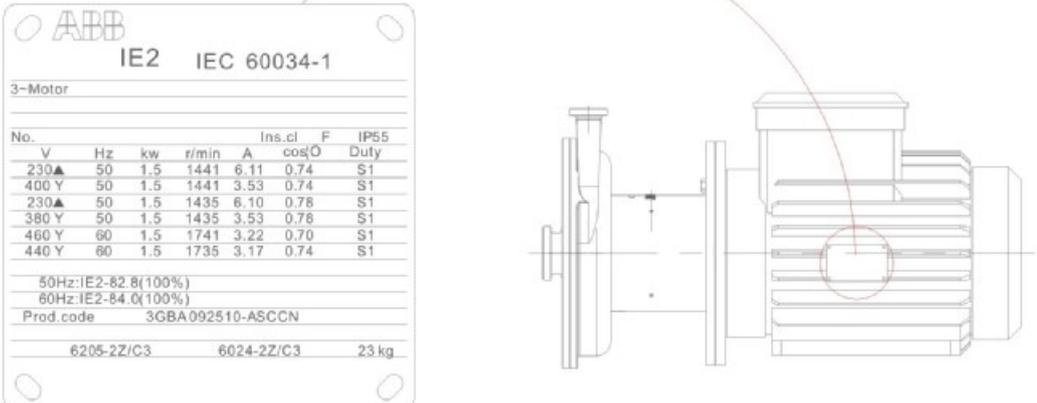
电机和叶轮的旋转方向是一致的，安装调试时要注意旋转方向，否则会产生流量和扬程不正常，长时间反向旋转，会导致机封损坏等情况。

### Pump motor and impeller rotation direction

Rotation direction of motor and impeller is same. Pay attention to rotation direction when installation and debugging. Otherwise, the flow and head will be abnormal. Long-term reverse rotation will result in damage to mechanical seal.

# 工艺管道连接对泵使用的影响

## The effect of pipe connections on pump usage



The image shows an ABB motor rating plate on the left and a technical drawing of a pump assembly on the right. A red circle on the pump drawing is connected by a red line to the rating plate, indicating the motor's specifications for that pump model.

ABB							
IE2 IEC 60034-1							
3-Motor							
No.	V	Hz	kw	r/min	Ins.cl	F	IP55
					A	cosφ	Duty
230▲	50	1.5	1.441	6.11	0.74	S1	
400 Y	50	1.5	1.441	3.53	0.74	S1	
230▲	50	1.5	1.435	6.10	0.78	S1	
380 Y	50	1.5	1.435	3.53	0.78	S1	
460 Y	60	1.5	1.741	3.22	0.70	S1	
440 Y	60	1.5	1.735	3.17	0.74	S1	
50Hz:IE2-82.8(100%)							
60Hz:IE2-84.0(100%)							
Prod.code 3GBA092510-ASCCN							
6205-2Z/C3		6024-2Z/C3		23 kg			

说明：铭牌图片仅供格式参考，最终数据以实际铭牌为准。  
Remark: The format of the rating plate is for reference only, the final figure will be subject to the actual rating plate.

### 宽电压电机 Wide voltage motor

功率 Power(KW)	电压范围 Voltage	功率 Power(KW)	电压范围 Voltage
0.55	210-230V/50HZ	4.0-5.5	360V-400V/50HZ
0.75		7.5-11	
1.1-1.5	420V-460V/60HZ	15-18.5	420V-460V/60HZ
2.2-3.0		22-30	

注意：电机采用 IEC EN IE2 能效等级，PTC 热敏电阻。（相当于中国二级能效）  
Note: The motor adopts IEC EN IE2 energy efficiency class, PTC thermistor. (Corresponding to China level two energy efficiency)  
注意：其他电机功率、电压、频率等，请联系东正。  
Note: Other motor power, voltage, frequency, etc., please contact DONJOY

### O型圈配置 O-ring Configuration

我们所采用密封橡胶都符合FDA 177.2600; 3-A-18-03; Class II; USP Class VI Chapter 88 GB 4806.11; 等各种卫生高洁净的要求。

EPDM=标准

适用范围：温度 -10°C到130°C; PH值约 5-9, 可耐受各种卫生领域介质及工业化学品, 成本低(推荐)。

FKM(Viton)=选项

适用范围：温度 -10°C到 150°C; 可耐受各种卫生领域介质及工业化学品、油品等各种介质。

FFKM=选项

适用范围：温度 -30°C到 250°C; 可耐受各种卫生领域介质及工业化学品、油品等各种介质, 几乎可以涵盖所有介质, 成本较高。

HNBR=选项

适用范围：温度 -10°C到 150°C; 可耐受各种卫生领域介质及工业油品等各种介质, 特别适用于油品。

The sealing rubbers we use are in compliance with hygienic and high purity requirements, such as FDA 177.2600; 3-A-18-03; Class II; USP Class VI Chapter 88 GB 4806.11 and so on.

EPDM=Standard

Scope of application: Temperature -10 °C to 130°C; PH value about 5-9, can tolerate with various media in the health field and industrial chemicals, low cost (recommended)

FKM(Viton)=Option

Scope of application: Temperature -10°C to 150 °C; can tolerate with various media in the health field, industrial chemicals, oils and so on.

FFKM=Option

Scope of application: Temperature -30°C to 250°C; can tolerate with various media in the health field, industrial chemicals, oils, etc., can cover almost all media, higher cost

HNBR=Option

Scope of application: Temperature -10 °C to 150°C; can tolerate with various media in the health field, industrial oils, etc., especially suitable for oil products.



# DJ-LX 系列离心泵

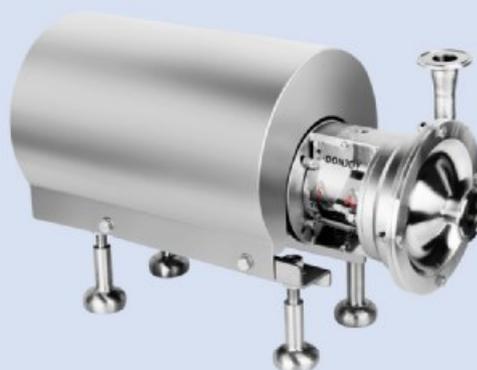
## DJ-LX Series centrifugal pump

高效率、低噪音、维护简单、经济、高洁净的解决方案

Solution for high efficiency, low noise, simple and economical maintenance, high purity



LX-10-40



LX-05

随着市场需求的变化和技术的发展，我们希望在高洁净泵领域中树立新的技术标准，为此我们借助了流体学分析软件和20多年积累的制造及工程应用的经验，进行一系列的技术升级和优化。

DONJOY DJ-LX 系列离心泵不仅优化了内部结构、叶轮设计、死角处理、机封压力平衡设计且机封完全被处在冲洗区域。我们还对泵外部卫生也进行了优化，使其内部更加卫生、外部减少死角，由于没有死角区域，它非常容易被CIP清洗、SIP杀菌等。另外我们对DJ-LX 系列泵保持了最大的灵活性组合应用，如，泵出口角度可以从  $0^{\circ}$  -  $135^{\circ}$  之间任意调整，泵盖采用手轮螺母，这样对泵维护和保养及机封的更换，保持了高效，降低了人员高度专业性的要求，而这些无需特殊的工具。因而达到了高效、卫生、高可靠性及低成本的目的，使DJ-LX 系列离心泵成为一款高性能的泵。

With the change of market demand and the development of technology, we hope to set up new technical standards in the field of high clean pump, for this reason, we have made a series of technology upgrades and optimization with the help of the fluid science software analysis and our more than 20 years experience in manufacturing and engineering application.

Donjoy DJ-LX series centrifugal pump, not only optimize the internal structure, such as impeller design, dead angle treatment, mechanical seal pressure balance design and the machine seal is completely in the flushing area, but also optimize external sanitation of the pump, which makes its internal absolute sanitation and external reduction of dead angle. Since there is no dead angle area, it is easy to be cleaned by CIP and sterilized by SIP. In addition, DJ - LX series pump, has kept the maximum flexibility of combined applications, for example, the pump outlet angle can be arbitrarily adjusted from  $0^{\circ}$  to  $135^{\circ}$ , the pump cover adopts hand wheel nut, which keeps high efficiency in the maintenance of the pump and replacement of machine seal, and reduces the highly professional requirements to maintenance personnel without special tools. Therefore, the DJ-LX series centrifugal pump has achieved the goal of high efficiency, health, high reliability and low cost, making it a high performance pump.

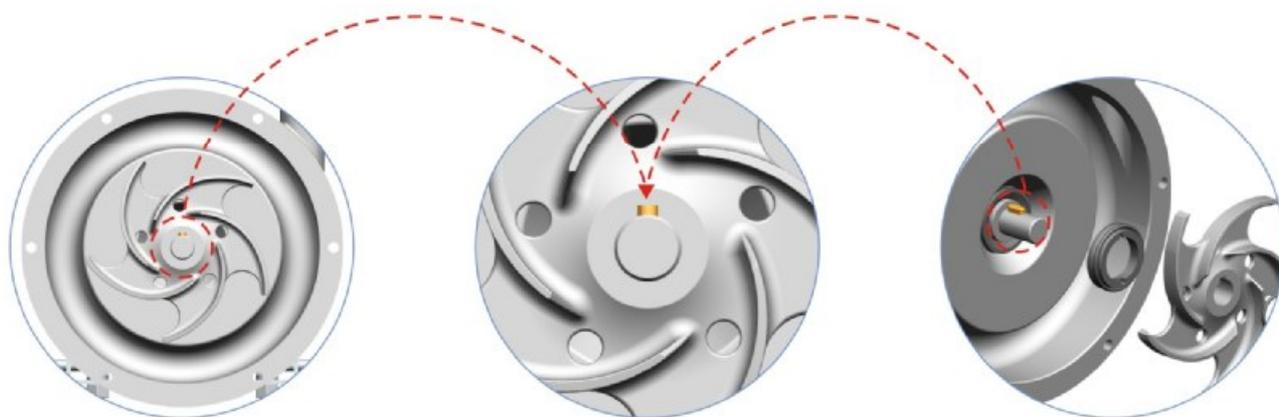
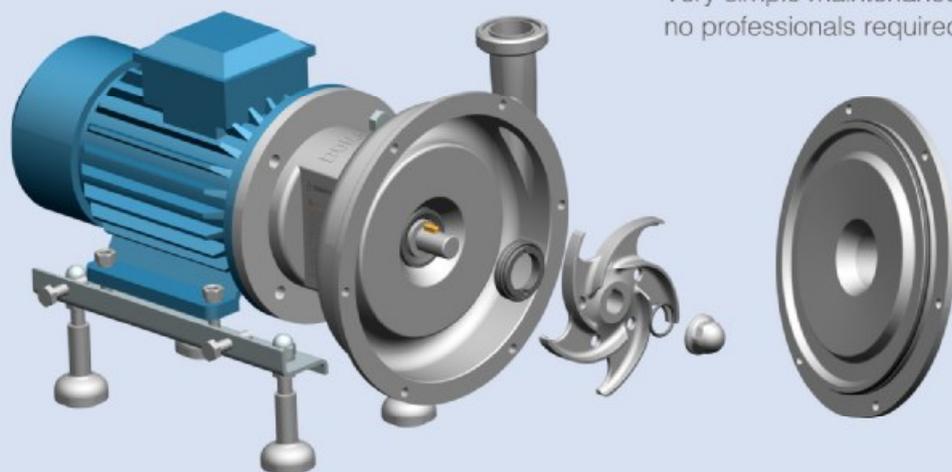
### 技术参数 Technical Specifications

流量 Flow rate	1m <sup>3</sup> /h-140m <sup>3</sup> /h
最高扬程 Max head	70M
温度 Temperature	-20°C到140°C
功率 Power	0.37KW-30KW
材质 Material	304 /316L, 1.4301/1.4404, ASME BPE 316L, 1.4435 BN2 Fe≤0.5%
表面处理 Surface treatment	≤ Ra0.8 μ m, ≤ Ra0.6 μ m, ≤ Ra0.4 μ m
机封 Mechanical seal	单机封、双机封 Single mechanical seal, double mechanical seal, 详见配置单 See Configuration Table
进/出口连接 Inlet/Outlet Connection	螺纹、卡箍、法兰、无菌法兰 Thread, Clamp, Flange, Aseptic flange
认证 Certification	3-A-02-10(N.O.1579); MD/06/42-EC(N.O.70521616101-00); FDA 177.2600; USP CLASS-II; EG/VO1935/2004

# DJ-LX 系列离心泵

## DJ-LX Series centrifugal pump

非常简单的维护、无需专用工具、专业人员  
Very simple maintenance, no special tools required,  
no professionals required



### 技术优势

- 维护拆卸和安装时，无需专业人员和专用工具，即可完成。
- 初始使用安装调试时，即使出现短暂反向旋转也不会损坏。
- 叶轮和轴之间是通过键槽连接固定，叶轮和机封动环之间是通过销钉固定，机封静环和泵体之间是通过异形法兰固定。
- 兼容单机封和双机封，只需要更换机封即可实现。

### Technical Advantages

- Maintenance disassembly and installation can be completed without professional staff and special tools.
- Initial use of installation debugging, even if a short reverse rotation will not be damaged.
- Impeller and shaft are connected by keyway; impeller and mechanical seal rotating ring are connected by pin; mechanical seal static ring and pump body are connected by special-shaped flange.
- Compatible with single and double machine seal, only need to change machine seal.

## DJ-LX 系列离心泵各种配置

## DJ-LX series centrifugal pump various configurations



手轮螺母  
Hand wheel nut



最低弯头排放接口  
Bottom elbow discharge outlet



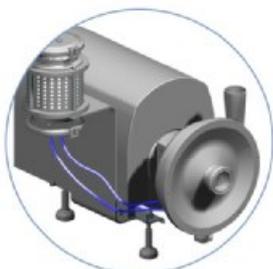
最低直管排放接口  
Bottom straight discharge outlet



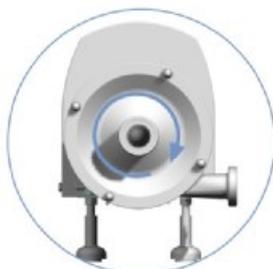
法兰连接进/出口  
Flange inlet / outlet



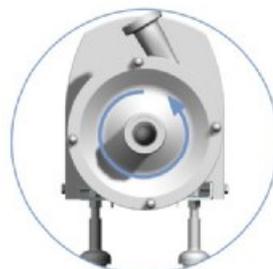
无菌法兰(DIN 11864)进/出口  
Aseptic Flange (DIN 11864)  
Inlet/Outlet



带冷却循环罐-LX系列离心泵  
With cooling circulation tank-LX series centrifugal pump



90° ...0° 倾斜出口  
90° ...0° inclined outlet



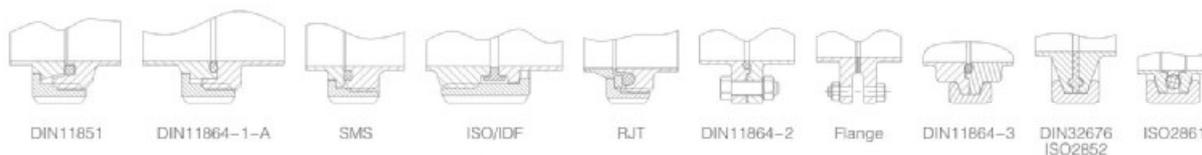
90° ...135° 倾斜出口  
90° ...135° inclined outlet

### 泵进口/出口连接标准

连接方式：螺纹、卡箍、法兰、无菌法兰、KF、等。  
标准：DIN SMS ISO IDF RJT ASME BPE 3A I-line

### Pump Inlet/outlet Connection Standard

Connection: Thread, Clamp, Flange, Aseptic flange, KF etc.  
Standard: DIN SMS ISO IDF RJT ASME BPE 3A I-line



DIN11851

DIN11864-1-A

SMS

ISO/IDF

RJT

DIN11864-2

Flange

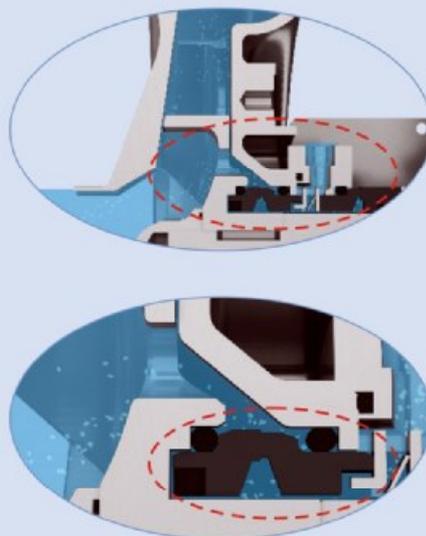
DIN11864-3

DIN32676  
ISO2852

ISO2861

## DJ-LX 系列离心泵机封设计

## DJ-LX series centrifugal pump mechanical seal design



### 机封系统

DONJOY DJ-LX 系列离心泵机封，联合欧洲瑞典著名公司合作研发，机封设计具有压力平衡设计、超长使用寿命、极易拆装维护、无需特殊专用工具，卫生洁净符合和认证：欧盟EHEDG,美国 3-A-02-11, FDA1772600等高洁净要求。并有丰富的机封配置方案。

### Mechanical Seal Features

Donjoy DJ-LX series centrifugal pump mechanical seal is researched and developed together with European Swedish famous company. The mechanical seal is designed with pressure balance and super long working life, can be disassembled and maintained easily without special tools. The sanitary purity is according to EU EHEDG, USA 3-A-02-11, FDA1772600 and so on. and has lots of configuration.

### 机封配置 Mechanical Seal Configuration

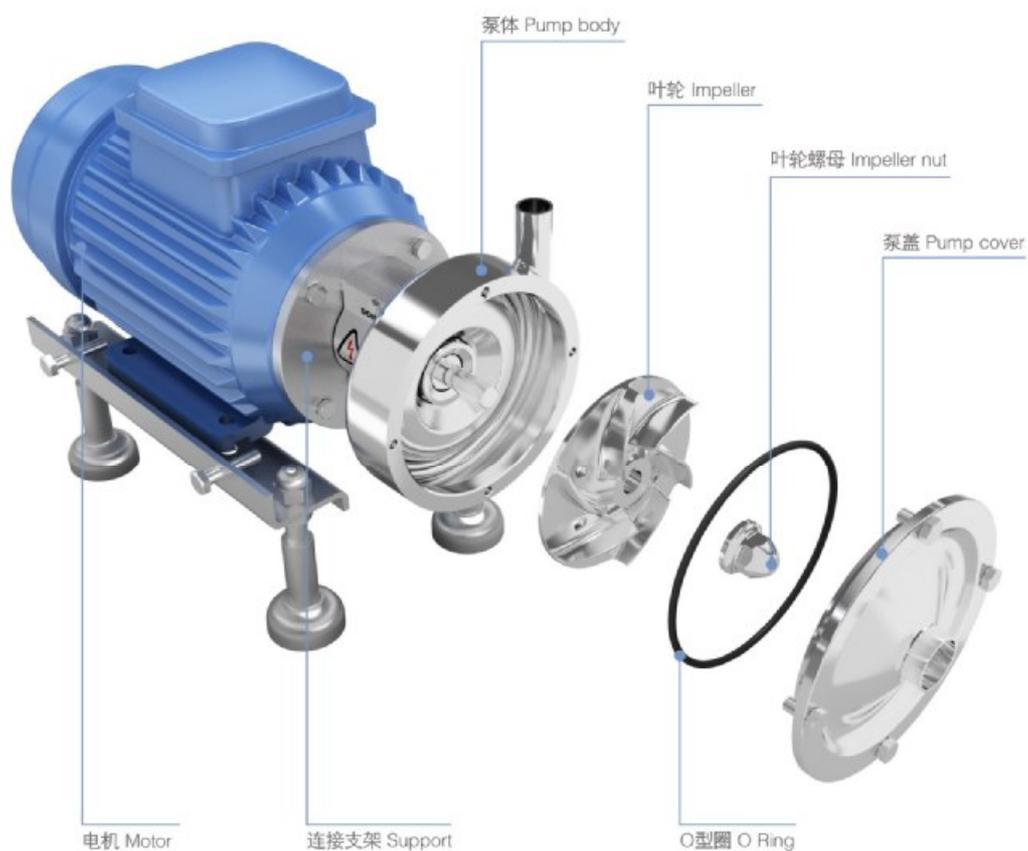
1)SIC/C/EPDM	标准配置Standard
2)SIC/C/FKM	选型配置Optional
3)SIC/C/HNBR	
4)SIC/SIC/EPDM	
5)SIC/SIC/FKM	
6)SIC/SIC/HNBR	
7)TC/TC/EPDM	
8)TC/TC/FKM	
9)TC/TC/HNBR	

注意：以上配置适用于单机封和双机封。

Note: Above configurations is suitable for single and double mechanical seal

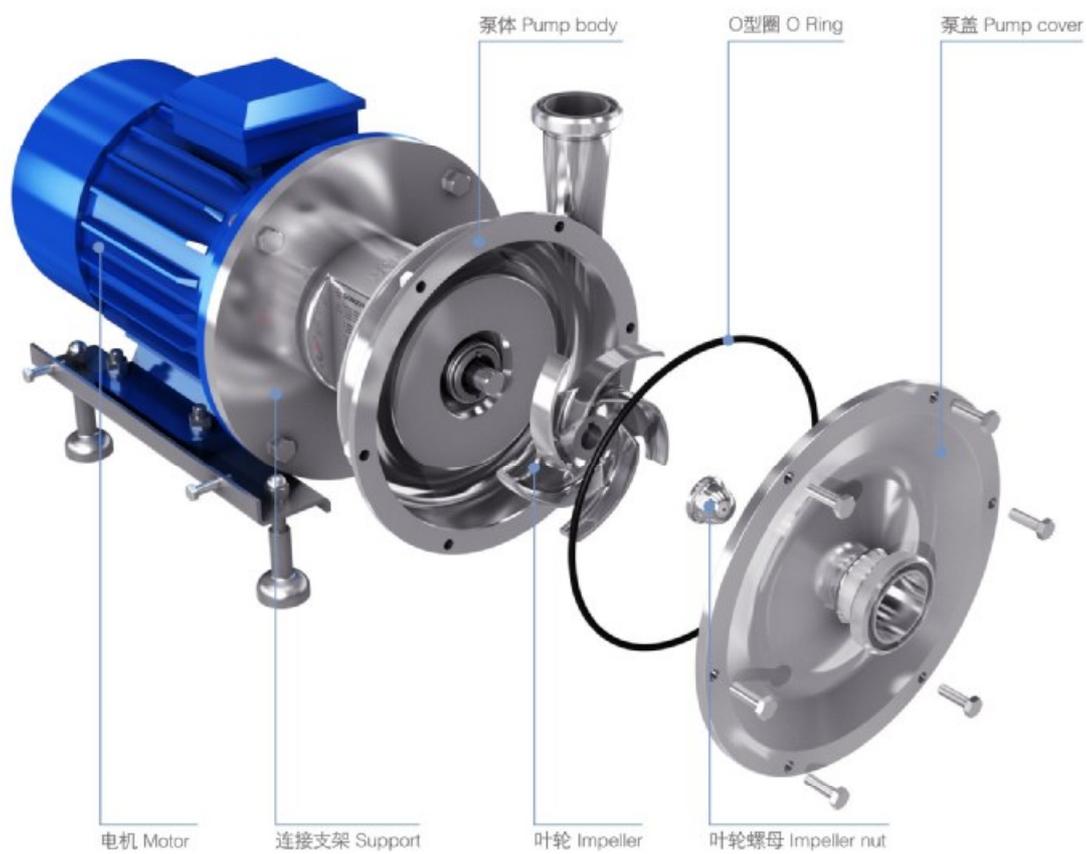
# DJ-LX-05 迷你型离心泵

## DJ-LX-05 Mini centrifugal pump



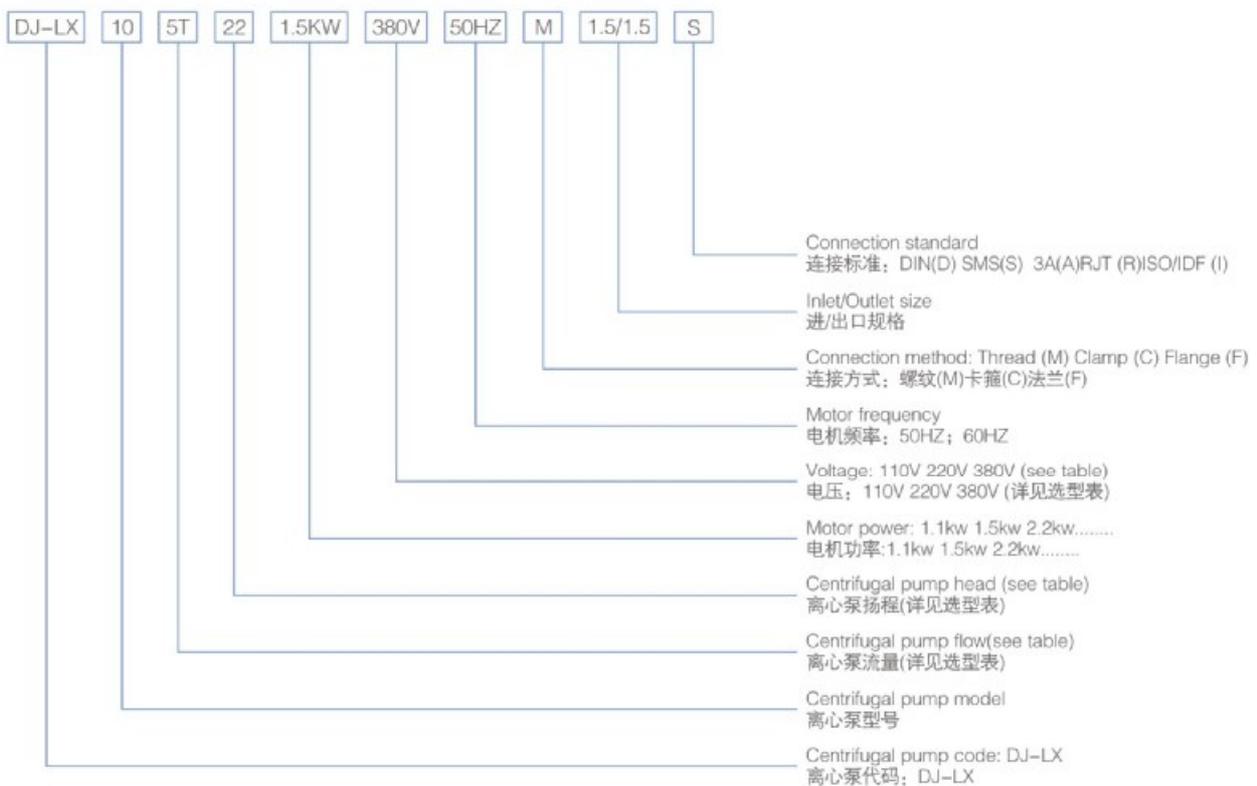
# DJ-LX-10-40 离心泵

## DJ-LX-10-40 Series centrifugal pump



# DJ-LX 离心泵型号说明

## DJ-LX Centrifugal pump model instruction



For example:  
 举例: DJ-LX-10-5T-22-1.5KW-380V-50HZ-M-1.5/1.5-S

# DJ-LX 离心泵选型表

## DJ-LX Centrifugal pump selection table



型号 Model	功率 Power	流量(m³/h) Flow	扬程(M) Head	进口/出口 Inlet/Outlet	理论重量 KG
DJ-LX-05	0.37KW	1	20	1'0.75'	18
	0.55KW	2	20		19
	0.75KW	3	16		22
	1.1KW	4	16		23
	1.5KW	5	14		29
DJ-LX-10	1.1KW	3	22	1.5'1.5'	30
	1.1KW	5	22		30
	1.5KW	3	22		36
	1.5KW	5	22		36
	1.5KW	8	22		36
	1.5KW	9	22		36
	1.5KW	12	20		36
	1.5KW	15	18		36
	2.2KW				40
	2.2KW	18	16		40
DJ-LX-15	1.5KW	3	28	2'1.5'	39
	1.5KW	5	28		39
	1.5KW				39
	2.2KW	8	26		42
	2.2KW	10	25		42
	2.2KW	15	22		42
	2.2KW				42
	3.0KW	18	18		54
	2.2KW				42
	3.0KW	20	16		54

型号 Model	功率 Power	流量(m³/h) Flow	扬程(M) Head	进口/出口 Inlet/Outlet	理论重量 KG
DJ-LX-20-1	2.2KW	5	36	2'1/2'	47
	3.0KW				56
	3.0KW	10	36		56
	4.0KW				61
	4.0KW	15	35		61
	4.0KW	20	33		61
	4.0KW	25	30		61
	5.5KW	30	30		83
5.5KW	38	22	83		
DJ-LX20-2	5.5KW	20	40	2'1/2'	82
	5.5KW	25	37		82
	5.5KW	30	36		82
	5.5KW	36	32		82
	7.5KW	40	30		86
	7.5KW	45	28		86
DJ-LX-25	4.0KW	5	50	2.5'1.5'	61
	5.5KW	10	50		82
	5.5KW	15	48		82
	5.5KW	20	45		82
DJ-LX-30	5.5KW	10	60	2.5'1.5'	83
	5.5KW	15	55		83
	5.5KW				83
	7.5KW	20	50		87
	7.5KW	25	45		87
	7.5KW	30	40		87

注意：以上数据图相关尺寸不作为实物最终依据，东正保留对于数据更新权限不再另行通知。

Note: The relevant dimensions of the above data diagrams are not regarded as the final basis of the actual object. DONJOY reserves the right to update the data without further notice.



型号 Model	功率 Power	流量 Flow (m <sup>3</sup> /h)	扬程 Head (M)	进口/出口 Inlet/Outlet	理论重量 KG
DJ-LX-35-1	11KW	10	70	3"/1.5"	152
	11KW	15	65		152
	11KW	20	65		152
	11KW	25	60		152
	11KW	30	60		152
	11KW	35	55		152
	15KW	40	50		165
	15KW	45	50		165
	15KW	50	45		165
	DJ-LX-35-2	15KW	20		70
15KW		25	70	165	
15KW		30	70	165	
15KW		35	65	165	
15KW		40	65	165	
18.5KW		45	60	174	
18.5KW		50	55	174	

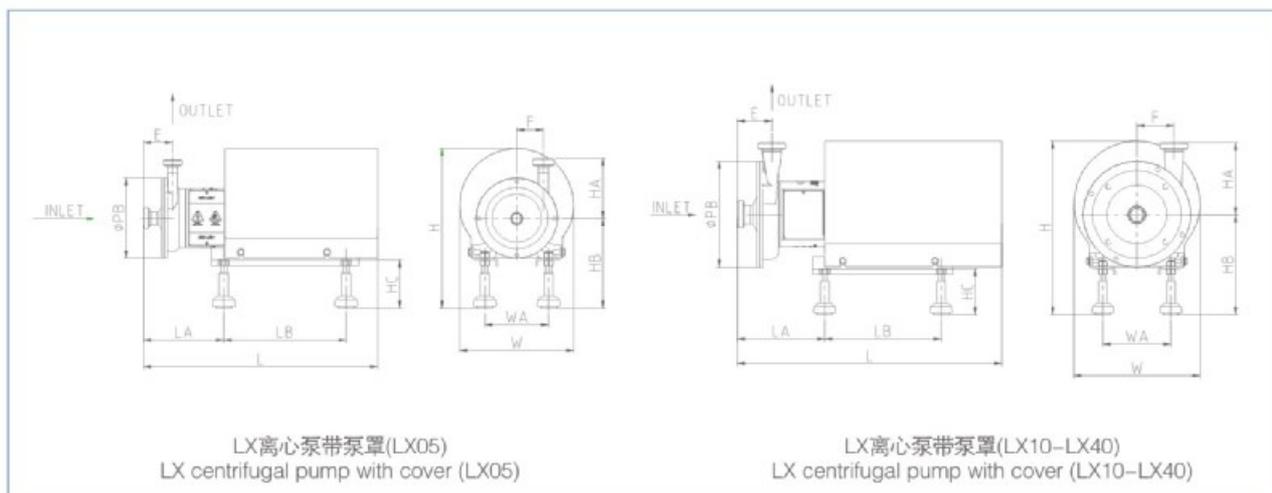
型号 Model	功率 Power	流量 Flow (m <sup>3</sup> /h)	扬程 Head (M)	进口/出口 Inlet/Outlet	理论重量 KG
DJ-LX40-1	11KW	45	42	3"/2.5"	148
	11KW	50	42		148
	15KW	60	40		162
	15KW	65	40		162
	15KW	70	38		162
	15KW	80	35		162
	15KW	90	33		162
	18.5KW	100	30		171
	18.5KW	110	28		171
	DJ-LX-40-2	15KW	50		50
15KW		60	48	162	
18.5KW		70	47	171	
18.5KW		80	46	171	
22KW		85	45	205	
22KW		90	44	205	
22KW		100	43	205	
22KW		110	40	205	
22KW		120	35	205	
30KW		130	30	263	
30KW	140	20	263		

注意：以上数据图相关尺寸不作为实物最终依据，东正保留对于数据更新权限不再另行通知。

Note: The relevant dimensions of the above data diagrams are not regarded as the final basis of the actual object. DONJOY reserves the right to update the data without further notice.

# DJ-LX 系列离心泵数据图

## DJ-LX Series centrifugal pump data chart

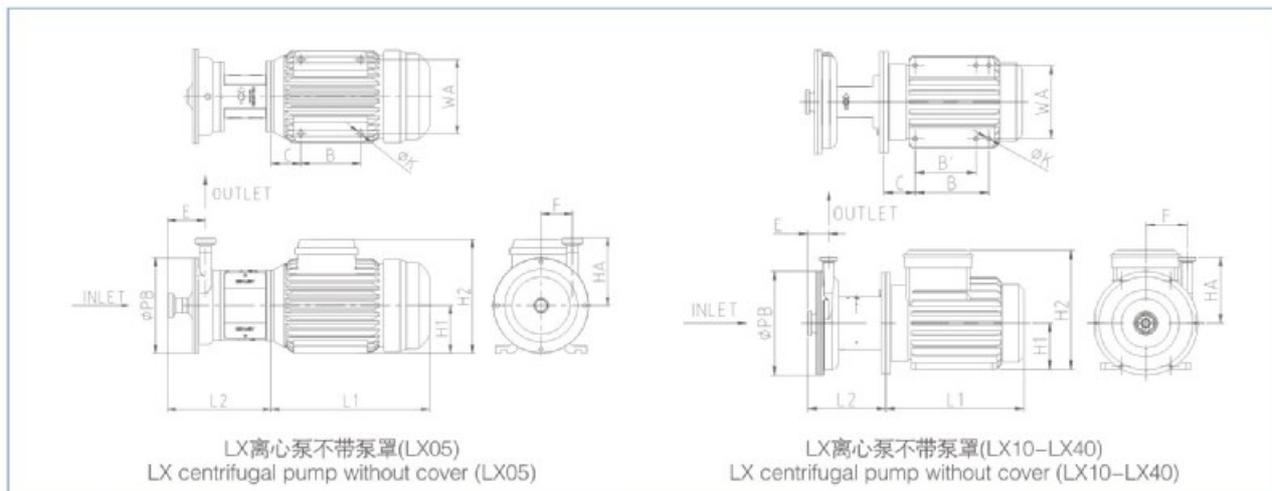


DJ-LX Series	泵头规格 Pump head dimension				外形安装尺寸 Assembly dimension							进/出口连接方式 Inlet / outlet connection											
	功率 Power (KW)	进口 Inlet	出口 Outlet	ΦPB	F	LB	H	HB	HC	W	WA	SMS 螺纹连接 (Thread)				INCH 卡箍连接 (Clamp)				DIN 螺纹连接 (Thread)			
												E	LA	HA	L	E	LA	HA	L	E	LA	HA	L
DJ-LX05	0.37-0.55KW	1"	0.75"	160	53	240	298	170	94.8	204	112	51	153	109	453	53	153	103	446	51	152	109	453
	0.75-1.1KW	1"	0.75"	160	53	240	317	178		224	125	51	153	109	453	53	153	103	446	51	152	109	453
DJ-LX10	1.1kw	1.5"	1.5"	222	77	240	317	199		250	125	66	173	150	514	57	165.7	143	506	66	173	150	514
	1.5-2.2KW	1.5"	1.5"	222	77	240	362	209		260	140	66	173	150	536	57	165.7	143	529	66	173	150	541
DJ-LX15	1.5-2.2KW	2"	1.5"	268	98	240	362	209		260	140	66	173	180	536	57	165.7	173	529	67	174	180	537
	3KW	2"	1.5"	268	98	300	413	218		320	160	66	153	180	578	57	145.7	173	571	67	154	180	579
DJ-LX20-1	3KW	2"	2"	282	101	300	416	218		320	160	74.5	166	200	584	67	158.2	193	577	75.5	166.5	201	585
	4KW	2"	2"	282	101	300	421	210		340	190	74.5	173	200	591	67	165.2	193	584	75.5	173.5	201	592
DJ-LX20-2	5.5-7.5KW	2"	2"	282	101	330	466	231		380	216	74.5	206	200	675	67	198.7	193	668	75.5	207	201	676
	5.5-7.5KW	2.5"	2"	282	101	330	466	231		380	216	78.5	210	200	679	67	199	193	668	77.5	209	201	678
DJ-LX25	4KW	2.5"	1.5"	328	128	300	421	211		340	190	72	172	210	591	61	160.2	203	580	71	170.5	210	590
	5.5-7.5KW	2.5"	1.5"	328	128	330	466	231		380	216	72	206	210	685	61	194.2	203	674	71	204.5	210	684
DJ-LX30	5.5-7.5KW	2.5"	1.5"	328	128	330	466	231		380	216	72	206	210	685	61	194.2	203	674	71	204.5	210	684
DJ-LX35-1	11-15KW	3"	1.5"	363	141	450	551	260		470	254	78.5	234	235	809	67	222.2	228	797	79.5	233.5	235	809
	15KW	3"	1.5"	363	141	450	551	260		470	254	78.5	234	235	809	67	222.2	228	797	79.5	233.5	235	809
DJ-LX35-2	18.5KW	3"	1.5"	363	141	450	551	260		470	254	78.5	234	235	809	67	222.2	228	797	79.5	233.5	235	809
	19KW	3"	2.5"	335	120	450	551	260		470	254	89.5	246	239	820	78	234.2	228	809	88.5	244.5	238	819
DJ-LX40-1	18.5KW	3"	2.5"	335	120	450	551	261		470	254	89.5	246	239	820	78	234.2	228	809	88.5	244.5	238	819
	22KW	3"	2.5"	335	120	515	583	281		510	279	89.5	241	239	916	78	229.2	228	904	88.5	239.5	238	915
DJ-LX40-2	30KW	3"	2.5"	335	120	580	655	301		580	318	89.5	252	239	962	78	240.2	228	950	88.5	250.5	238	961

注意：以上数据图相关尺寸不作为实物最终依据，东正保留对于数据更新权限不再另行通知。  
 Note: The relevant dimensions of the above data diagrams are not regarded as the final basis of the actual object. DNJOY reserves the right to update the data without further notice.

# DJ-LX 系列离心泵数据图(不带外罩)

## DJ-LX Series centrifugal pump data chart without cover



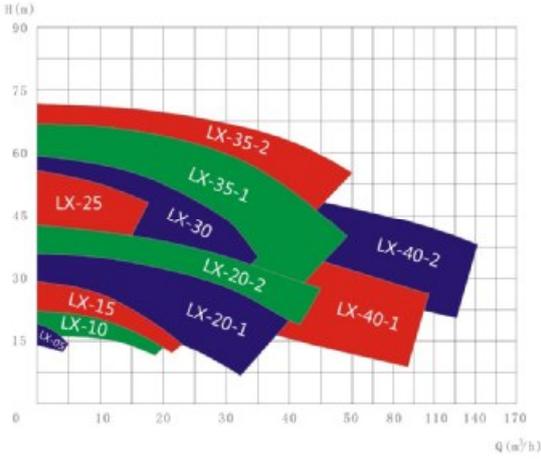
DJ-LX系列 DJ-LX Series	泵头规格 Pump head dimension				外形安装尺寸 Assembly dimension									进/出口连接方式 Inlet / outlet connection								
	功率 Power(KW)	进口 Inlet	出口 Outlet	ØPB	F	L1	WA	B	B'	C	K	H1	H2	SMS 螺纹连接 (Thread)			INCH 卡箍连接 (Clamp)			DIN 螺纹连接 (Thread)		
														E	L2	HA	E	L2	HA	E	L2	HA
DJ-LX05	0.37-0.55KW	1"	0.75"	160	53	227	125	100	\	50	7	71	175	51	161	109	53	163	93	51	162	109
	0.75-1.1KW	1"	0.75"	160	53	269	125	100	\	50	10	80	192	51	161	109	53	163	93	51	162	109
DJ-LX10	1.1KW	1.5"	1.5"	222	77	269	125	100	\	50	10	80	192	66	198	150	58	191	143	66	198	150
	1.5KW	1.5"	1.5"	220	77	285	140	100	\	56	10	90	217	66	198	150	58	191	143	66	198	150
DJ-LX15	1.5KW	2"	1.5"	266	100	285	140	100	\	56	10	90	217	66	195	180	59	188	173	67	195	180
	2.2KW	2"	1.5"	266	100	301	140	125	\	56	10	90	217	66	195	180	59	188	173	67	195	180
DJ-LX20-1 DJ-LX20-2	3KW	2"	1.5"	266	100	346	160	140	\	63	12	100	240	66	195	180	57	188	173	66	195	180
	4KW	2"	2"	280	101	346	160	140	\	63	12	100	240	75	207	200	67	200	193	76	208	201
DJ-LX25	5.5-7.5KW	2"	2"	280	101	399	216	140	\	89	12	132	301	75	207	200	67	200	193	76	208	201
	5.5-7.5KW	2.5"	2"	282	101	399	216	140	\	89	12	132	301	79	211	204	67	200	193	78	210	201
DJ-LX30	4KW	2.5"	1.5"	328	128	351	190	140	\	70	12	112	252	72	207	210	61	196	203	71	206	210
	5.5-7.5KW	2.5"	1.5"	328	128	399	216	140	\	89	12	132	301	72	207	210	61	195	203	71	206	210
DJ-LX35-1 DJ-LX35-2	11-15KW	3"	1.5"	360	143	477	254	254	210	108	15	160	413	79.5	276	235	67	265	228	79.5	275	235
	15KW	3"	1.5"	360	143	477	254	254	210	108	15	160	413	79.5	276	235	67	265	228	79.5	275	235
DJ-LX40-1 DJ-LX40-2	18.5KW	3"	1.5"	360	143	477	254	254	210	108	15	160	413	79.5	276	235	67	265	228	79.5	275	235
	15KW	3"	2.5"	332	122	477	254	254	210	108	15	160	413	90	289	239	78	278	228	90	289	239
DJ-LX40-1 DJ-LX40-2	18.5KW	3"	2.5"	332	122	477	254	254	210	108	15	160	413	90	289	239	78	278	228	90	289	239
	22KW	3"	2.5"	332	122	573	279	279	241	120	15	180	434	90	289	239	78	278	228	90	289	239
	30KW	3"	2.5"	332	122	618	318	305	267	133	19	200	473	90	289	239	78	278	228	90	289	239

注意：以上数据图相关尺寸不作为实物最终依据，东正保留对于数据更新权限不再另行通知。

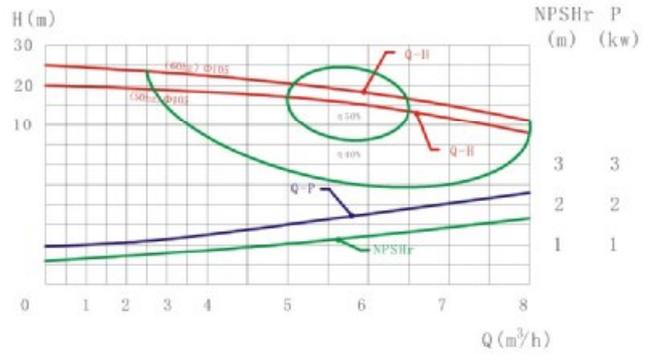
Note: The relevant dimensions of the above data diagrams are not regarded as the final basis of the actual object. DNJOY reserves the right to update the data without further notice.

# DJ-LX 系列离心泵曲线图

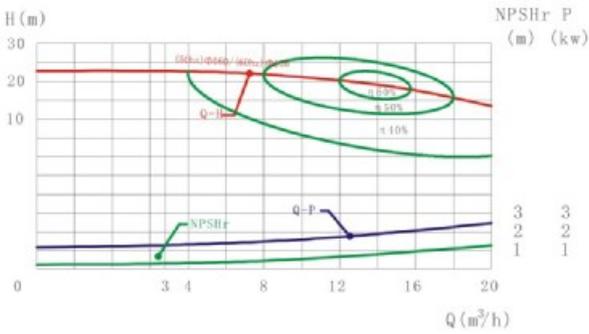
## DJ-LX series centrifugal pump graph



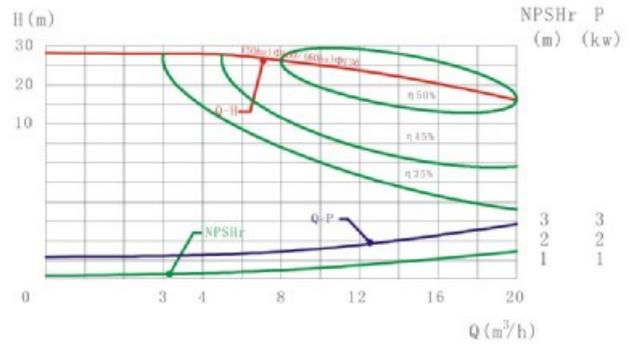
LX-05(Q-H曲线图/Graph)



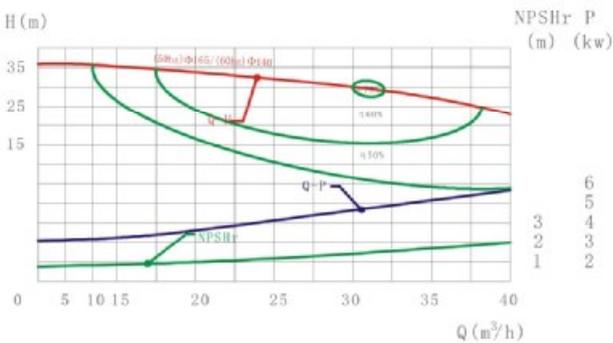
LX-10(Q-H曲线图/Graph)



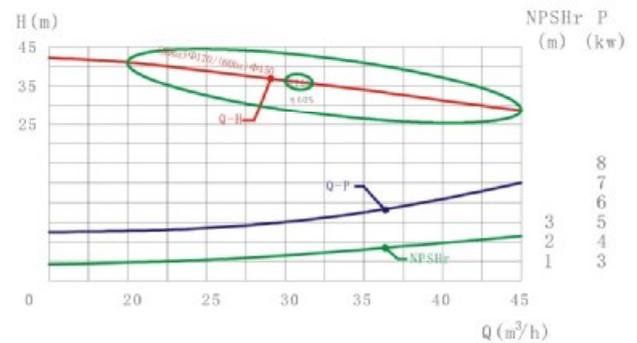
LX-15(Q-H曲线图/Graph)



LX-20-1(Q-H曲线图/Graph)



LX-20-2(Q-H曲线图/Graph)

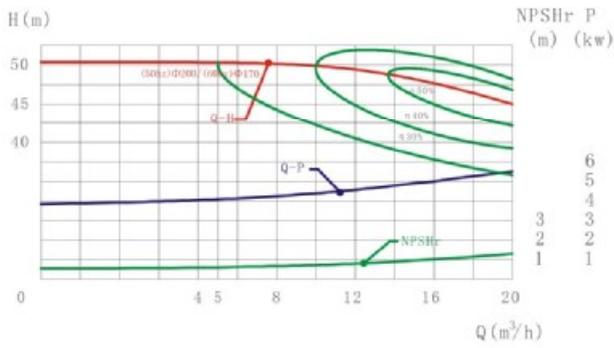


测试条件：介质清水，温度20℃，叶轮转速2900 R.P.M

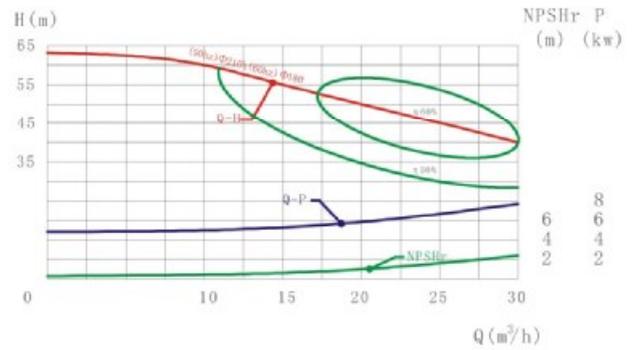
(此曲线图亦适用电机60Hz，叶轮转速3600R.P.M) Q-流量(m³/H)，H-扬程(M)，P-功率(KW)，η%-泵效率。

Testing condition: medium water, temperature 20 °C, impeller speed 2900 RPM (This graph also applies to motor 60HZ, impeller speed 3600RPM) Q-Flow rate (m³/H), H-head (meter), P-power (KW), η % pump efficiency

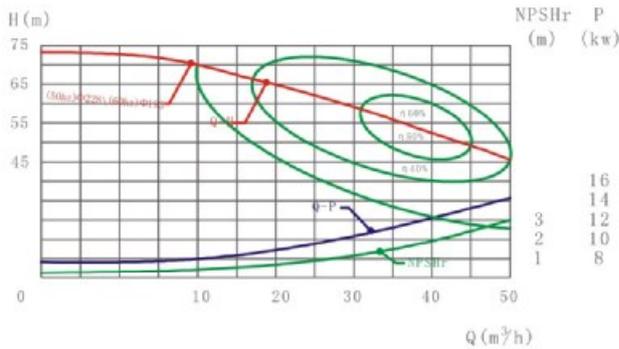
LX-25(Q-H曲线图/Graph)



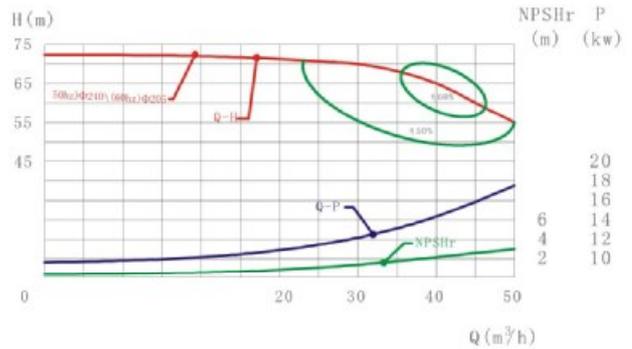
LX-30(Q-H曲线图/Graph)



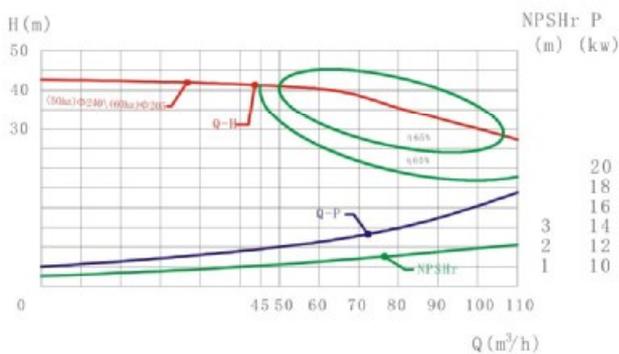
LX-35-1(Q-H曲线图/Graph)



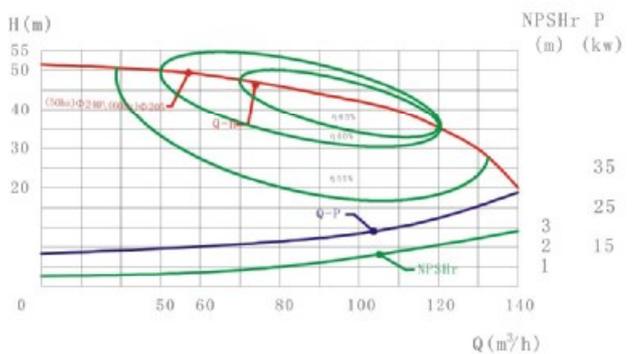
LX-35-2(Q-H曲线图/Graph)



LX-40-1(Q-H曲线图/Graph)



LX-40-2(Q-H曲线图/Graph)



测试条件: 介质清水, 温度20℃, 叶轮转速2900 R.P.M

(此曲线图亦适用电机60Hz, 叶轮转速3600R.P.M) Q-流量(m³/H), H-扬程(M), P-功率(KW), η%-泵效率。

Testing condition: medium water, temperature 20 °C, impeller speed 2900 RPM (This graph also applies to motor 60HZ, impeller speed 3600RPM) Q-Flow rate (m³/H), H-head (meter), P-power (KW), η % pump efficiency

# DJ-KLX 系列离心泵

## DJ-KLX series centrifugal pump



高效率、低噪音、  
维护简单经济、高洁净的解决方案  
Solution for high efficiency, low noise, simple and  
economical maintenance, high purity



随着市场需求的变化和技术的发展，我们希望在高洁净泵领域中树立新的技术标准，为此我们借助了流体力学软件分析和我们20多年的制造及工程应用的经验，进行一系列的技术升级和优化。

DONJOY DJ-KLX 系列离心泵是基于KS离心泵基础上进行升级，它继承了KS离心泵技术优点，同时优化了内部结构、叶轮设计、死角处理、机封压力平衡设计且机封完全被处在冲洗区域。我们还对泵外部卫生也进行了优化，使其内部更加卫生、外部减少死角，由于没有死角区域，它非常容易被CIP清洗、SIP杀菌等。另外我们对DJ-KLX 系列泵保持了最大的灵活性组合应用，如，泵出口角度可以从0° -135° 之间任意调整，泵盖采用手轮螺母，这样对泵维护和保养及机封的更换，保持了高效，降低了人员高度专业性的要求，而这些无需特殊的工具。因而达到了、高效、卫生、高可靠性及低成本的目的，使DJ-KLX 系列离心泵成为一款高性能的泵。

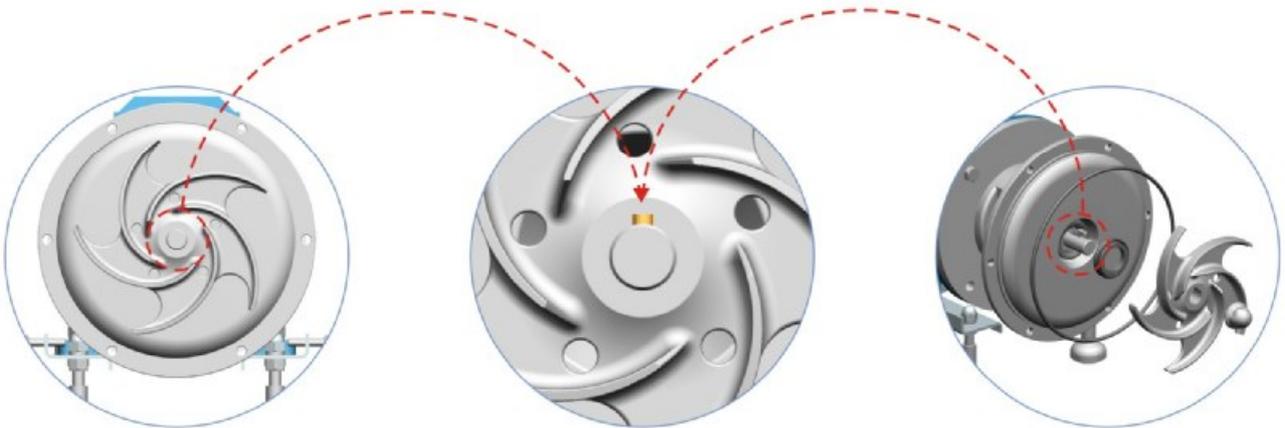
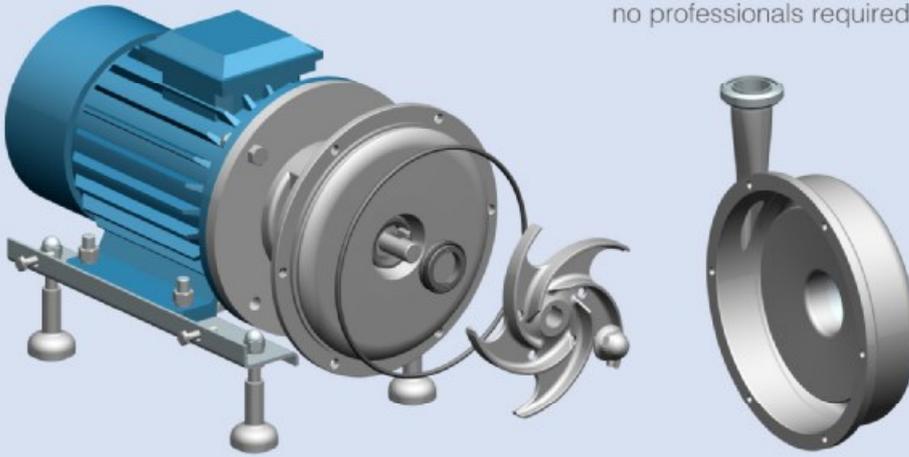
With the change of market demand and the development of technology, we hope to set up new technical standards in the field of high clean pump, for this reason, we have made a series of technology upgrades and optimization with the help of the Fluid science software analysis and our more than 20 years experience in manufacturing and engineering application.

Donjoy DJ-KLX series Centrifugal pump is upgraded from KS centrifugal pump, not only optimize the internal structure, such as impeller design, dead angle treatment, machine seal pressure balance design and the machine seal is completely in the flushing area ,but also optimize external sanitation of the pump , which makes its internal absolute sanitation and external reduction of dead Angle. Since there is no dead Angle area, it is easy to be cleaned by CIP and sterilized by SIP. In addition, DJ - KLX series pump, has kept the maximum flexibility of combined applications, for example, the pump outlet angle can be arbitrarily adjusted from 0° to 135° , the pump cover adopts hand wheel nut, which keeps high efficiency in the maintenance of the pump and replacement of machine seal, and reduces the highly professional requirements to maintenance personnel without special tools. Therefore, the DJ-KLX series centrifugal pump has achieved the goal of high efficiency, health, high reliability and low cost, making it a high performance pump.

### 技术参数 Technical Specifications

流量 Flow rate	1m <sup>3</sup> /h-140m <sup>3</sup> /h
扬程 Head	70M
温度 Temperature	-20℃到140℃
功率 Power	0.37KW-30KW
材质 Material	304 /316L,1.431/1.4404,ASME BPE 316L ,1.4435 NB2 Fe≤0.5%
表面处理 Surface treatment	≤ Ra0.8 μ m, ≤ Ra0.6 μ m, ≤ Ra0.4 μ m
机封 Machine seal	单机封、双机封Single seal, double seal, 详见配置单See Configuration Table
进/出口连接 Inlet/Outlet connection	螺纹、卡箍、法兰、无菌法兰 Thread, clamp, flange, Aseptic flange
认证 Certification	3-A-02-10(N.O.1579); MD/06/42-EC (N.O.70521616101-00); FDA 177.2600; USP CLASS-II; EG/VO1935/2004

非常简单的维护、无需专用工具、专业人员  
Very simple maintenance, no special tools required,  
no professionals required



### 技术优势

- 维护拆卸和安装时，无需专业人员和专用工具，即可完成。
- 初始使用安装调试时，即使出现短暂反向旋转也不会损坏。
- 叶轮和轴之间是通过键槽连接固定，叶轮和机封动环之间是通过销钉固定，机封静环和泵体之间是通过异形法兰固定。
- 兼容单机封和双机封，只需要更换机封即可实现。

### Technical Advantages

- Maintenance disassembly and installation can be completed without professional staff and special tools.
- Initial use of installation debugging, even if a short reverse rotation will not be damaged.
- Impeller and shaft are connected by keyway; impeller and mechanical seal rotating ring are connected by pin; mechanical seal static ring and pump body are connected by special-shaped flange.
- Compatible with single and double machine seal, only need to change machine seal.

## DJ-KLX 系列离心泵各种配置

## DJ-KLX series centrifugal pump various configurations



螺纹接口  
Thread connection



卡箍连接  
Clamp connection



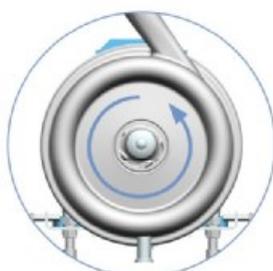
由任螺母  
Union nut



法兰连接进/出口  
Flange connection inlet / outlet



90° ....0° 倾斜出口  
90° ....0° inclined outlet



90° ....135° 倾斜出口  
90° ....135° inclined outlet



最低弯头排放接口  
Elbow bottom discharge outlet



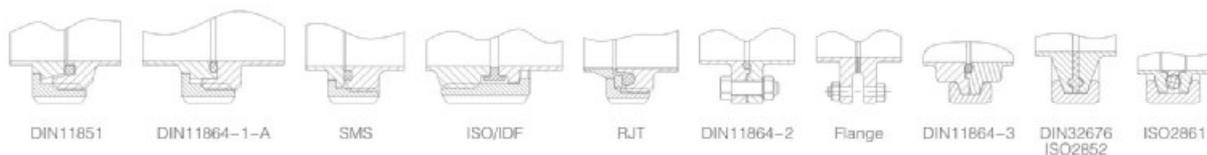
最低排放接口  
Bottom discharge outlet

### 泵进口/出口连接标准

连接方式：螺纹、卡箍、法兰、无菌法兰、KF、等。  
标准：DIN SMS ISO IDF RJT ASME BPE 3A I-line

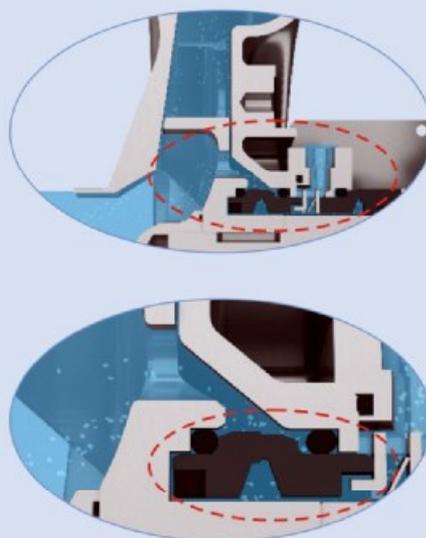
### Pump Inlet/outlet Connection Standard

Connection: Thread, Clamp, Flange, Aseptic flange, KF etc.  
Standard: DIN SMS ISO IDF RJT ASME BPE 3A I-line



# DJ-KLX 系列离心泵机封设计

## DJ-KLX series centrifugal pump mechanical seal design



### 机封系统

DONJOY DJ-KLX 系列离心泵机封，联合欧洲瑞典著名公司合作研发，机封设计具有压力平衡设计、超长使用寿命、极易拆装维护、无需特殊专用工具，卫生洁净符合和认证：欧盟 EHEDG，美国 3-A-02-11，FDA1772600 等高洁净要求。并有丰富的机封配置方案。

### Mechanical Seal Features

Donjoy DJ-KLX series centrifugal pump mechanical seal is researched and developed together with European Swedish famous company. The mechanical seal is designed with pressure balance and super long working life, can be disassembled and maintained easily without special tools. The sanitary purity is according to EU EHEDG, USA 3-A-02-11, FDA1772600 and so on. and has lots of configuration.

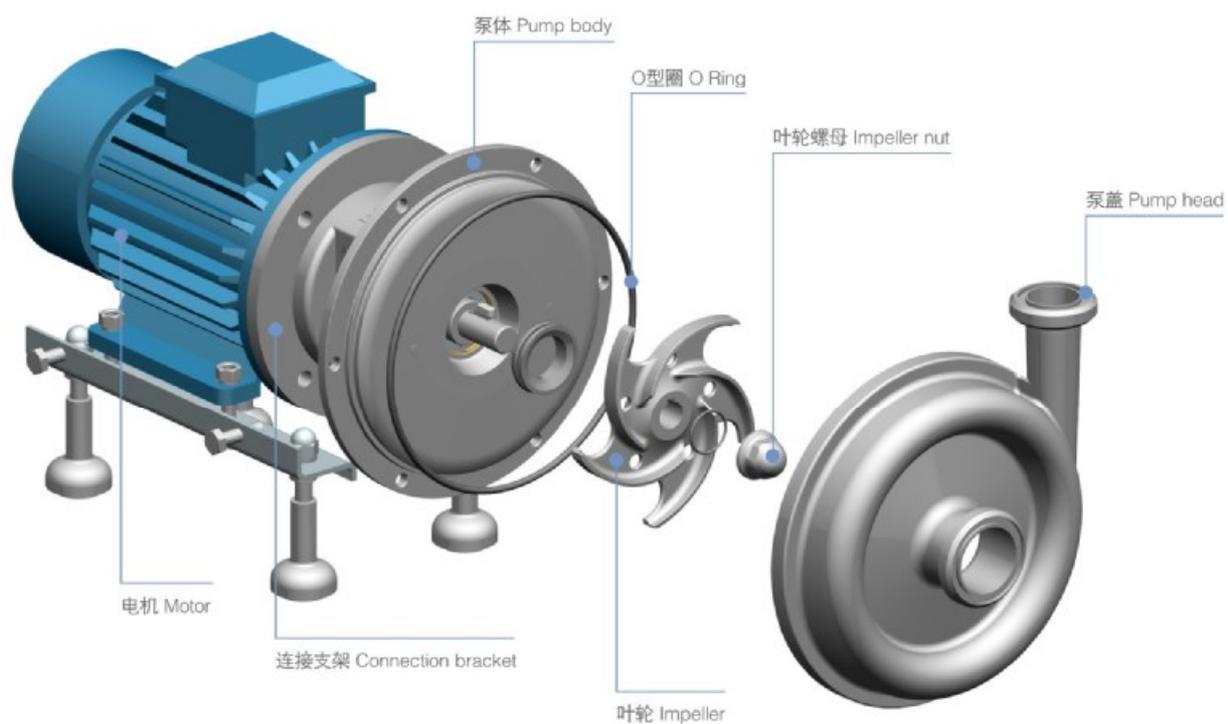
### 机封配置 Mechanical Seal Configuration

1) SIC/C/EPDM	标准配置 Standard
2) SIC/C/FKM	选型配置 Optional
3) SIC/C/HNBR	
4) SIC/SIC/EPDM	
5) SIC/SIC/FKM	
6) SIC/SIC/HNBR	
7) TC/TC/EPDM	
8) TC/TC/FKM	
9) TC/TC/HNBR	

注意：以上配置适用于单机封和双机封。  
Note: Above configurations is suitable for single and double mechanical seal

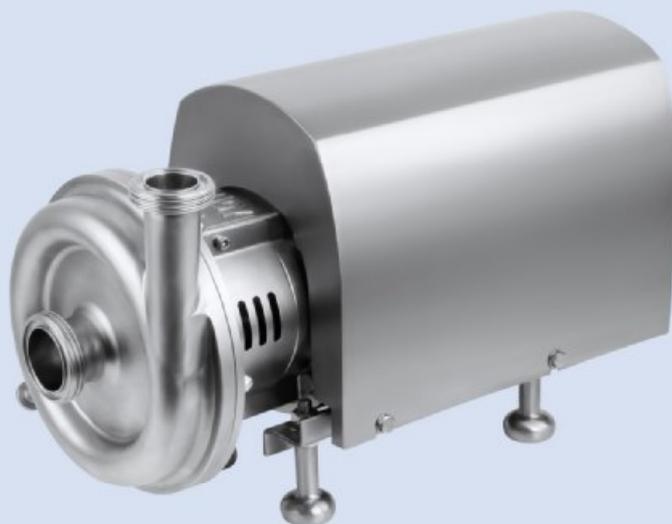
# DJ-KLX 系列离心泵

## DJ-KLX series centrifugal pump



# DJ-KLX 离心泵型号说明

## DJ-KLX centrifugal pump model instruction



举例 For example:  
DJ-KLX-10-5T-22-1.5KW-380V-50HZ-M-1.5/1.5-S

# DJ-KLX 离心泵选型表

## DJ-KLX centrifugal pump selection table



型号 Model	功率 Power	流量 Flow rate (m <sup>3</sup> )	扬程 Head (M)	进口/出口 Inlet&outlet	理论重量 (KG)
DJ-KLX-10	1.1KW	3	22	1.5"/1.5"	30
	1.1KW	5	22		30
	1.5KW	3	22		36
	1.5KW	5	22		36
	1.5KW	8	22		36
	1.5KW	9	22		36
	1.5KW	12	20		36
	1.5KW	15	18		36
	2.2KW	18	16		40
	2.2KW	18	16		40
DJ-KLX-15	1.5KW	3	28	2"/1.5"	39
	1.5KW	5	28		39
	1.5KW	8	26		39
	2.2KW	10	25		42
	2.2KW	15	22		42
	2.2KW	18	18		42
	3.0KW	20	16		54
	2.2KW	20	16		42
	3.0KW	20	16		54

型号 Model	功率 Power	流量 Flow rate (m <sup>3</sup> )	扬程 Head (M)	进口/出口 Inlet&outlet	理论重量 (KG)
DJ-KLX-20-1	2.2KW	5	36	2"/2"	47
	3.0kw				56
	3.0kw	10	36		56
	4.0KW				61
	4.0KW	15	35		61
	4.0KW	20	33		61
	4.0KW	25	30		61
	5.5KW	30	30		83
	5.5KW	38	22		83
	5.5KW	20	40		82
DJ-KLX20-2	5.5KW	25	37	2"/2"	82
	5.5KW	30	36	2.5"/2"	82
	5.5KW	36	32		82
	7.5KW	40	30		86
	7.5KW	45	28		86
	DJ-KLX-25	4.0KW	5	50	2.5"/1.5"
5.5KW		10	50	82	
5.5KW		15	48	82	
5.5KW		20	45	82	
DJ-KLX-30	5.5KW	10	60	2.5"/1.5"	83
	5.5KW	15	55		83
	5.5KW	20	50		83
	7.5KW	25	45		87
	7.5KW	25	45		87
	7.5KW	30	40		87

注意：以上数据图相关尺寸不作为实物最终依据，东正保留对于数据更新权限不再另行通知。

Note: The relevant dimensions of the above data diagrams are not regarded as the final basis of the actual object. DONJOY reserves the right to update the data without further notice.



型号 Model	功率 Power	流量 Flow rate (m <sup>3</sup> )	扬程 Head (M)	进口/出口 Inlet&outlet	理论重量 (KG)
DJ-KLX-35-1	11KW	10	70	3"/1.5" 3"-2"	152
	11KW	15	65		152
	11KW	20	65		152
	11KW	25	60		152
	11KW	30	60		152
	11KW	35	55		152
	15KW	40	50		165
	15KW	45	50		165
	15KW	50	45		165
DJ-KLX-35-2	15KW	20	70	3"-2" DN90-2"	165
	15KW	25	70		165
	15KW	30	70		165
	15KW	35	65		165
	15KW	40	65		165
	18.5KW	45	60		174
	18.5KW	50	55		174

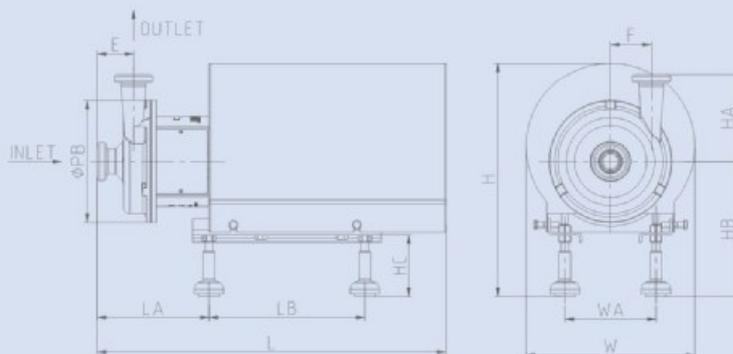
型号 Model	功率 Power	流量 Flow rate (m <sup>3</sup> )	扬程 Head (M)	进口/出口 Inlet&outlet	理论重量 (KG)
DJ-KLX-40-1	11KW	45	42	3"/2.5" 4"-3"	148
	11KW	50	42		148
	15KW	60	40		162
	15KW	65	40		162
	15KW	70	38		162
	15KW	80	35		162
	15KW	90	33		162
	18.5KW	100	30		171
	18.5KW	110	28		171
DJ-KLX-40-2	15KW	50	50	3"/2.5" 4"-3"	162
	15KW	60	48		162
	18.5KW	70	47		171
	18.5KW	80	46		171
	22KW	85	45		205
	22KW	90	44		205
	22KW	100	43		205
	22KW	110	40		205
	22KW	120	35		205
	30KW	130	30		263
	30KW	140	20		263

注意：以上数据图相关尺寸不作为实物最终依据，东正保留对于数据更新权限不再另行通知。

Note: The relevant dimensions of the above data diagrams are not regarded as the final basis of the actual object. DONJOY reserves the right to update the data without further notice.

# DJ-KLX 系列离心泵数据图

## DJ-KLX series centrifugal pump data chart

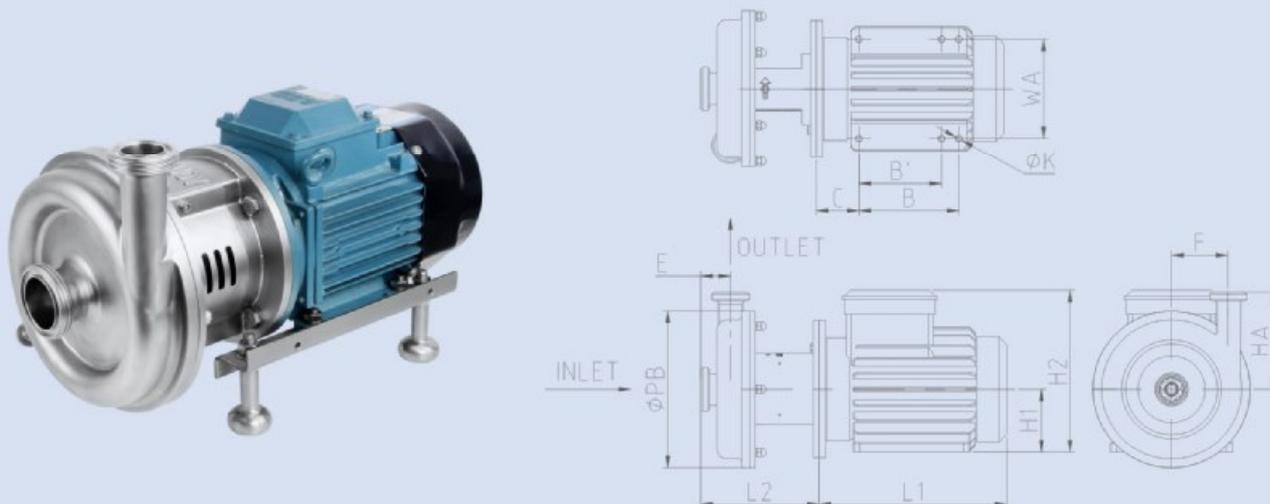


KLX 系列 Series	泵头规格 Pump head dimension				外形安装尺寸 Assembly Dimension							进/出口连接方式 Inlet / outlet connection											
	功率 Power (KW)	进口 Inlet d'/DN	出口 Outlet d'/DN	ΦPB	F	LB	H	HB	HC	W	WA	SMS 螺纹连接 Thread connection				INCH 卡箍连接 Clamp connection				DIN 螺纹连接 Thread connection			
												E	LA	HA	L	E	LA	HA	L	E	LA	HA	L
KLX10	1.1KW	1.5"	1.5"	189	63	240	337	199		250	125	56	171	136	512	49	163.7	129	504.7	56	171	136	517
	1.5~2.2KW	1.5"	1.5"	189	63	240	359	189		260	140	56	171	136	534	49	163.7	129	526.7	56	171	136	539
KLX15	1.5~2.2KW	2"	1.5"	250	95	240	359	189		260	140	48	171	155	534	41	163.7	148	526.7	49	172	155	535
	3KW	2"	1.5"	250	95	300	413	219		320	160	48	151	155	576	41	143.7	148	568.7	49	152	155	577
KLX20- I	2.2KW	2"	2"	250	92	240	362	189		320	140	45	165.5	170	584	38	158.2	163	576.7	46	166.5	171	585
	3KW	2"	2"	250	92	300	416	219		340	160	45	172.5	170	591	38	165	163	574	46	176	171	592
KLX20- II	4KW	2"	2"	250	92	300	421.5	211		380	190	45	175	170	594	38	168	163	587	46	176	171	595
	5.5~7.5KW	2"/2.5"	2"	250	92	330	466	231		340	216	45	172	170	591	38	160	163	580	46	170.5	171	590
KLX25 KLX30	4KW	3"	1.5"	328	127.5	300	421.5	211	94.8	380	190	60	200.5	194	680	49	189.2	163	668.7	59	199.5	193	679
	5.5~7.5KW	3"	1.5"	328	127.5	330	466	231		380	216	60	200.5	194	680	49	189.2	163	668.7	59	199.5	193	679
KLX35- I	11~15KW	3"	1.5"	363	131	450	551	260		470	254	76	239.5	229	815	65	228.2	222	803.2	75	238.5	229	814
	15KW	3"	2"	363	131	450	551	260		470	254	76	239.5	229	815	65	228.2	222	803.2	75	238.5	230	814
KLX35- II	18.5KW	3"	2"	363	131	450	551	260		470	254	76	239.5	229	815	65	228.2	222	803.2	75	238.5	230	814
	11~15KW	3"	2.5"	315	105	450	551	260		470	254	73.5	248.5	213.5	823	61.5	237.2	202.5	811.7	73.5	247.5	212.5	822
KLX40- I	18.5KW	3"	2.5"	315	105	450	551	260		470	254	73.5	248.5	213.5	823	61.5	237.2	202.5	812	73.5	247.5	212.5	823
	22KW	3"	2.5"	315	105	515	583	281		510	279	73.5	243.5	213.5	919	61.5	232.2	202.5	907.2	73.5	242.5	212.5	918
KLX40- II	30KW	3"	2.5"	315	105	580	655	301		580	318	73.5	254.5	213.5	965	61.5	243.2	202.5	953.2	73.5	253.5	212.5	964

注意：以上数据图相关尺寸不作为实物最终依据，东正保留对于数据更新权限不再另行通知。  
 Note: The relevant dimensions of the above data diagrams are not regarded as the final basis of the actual object. DONJOY reserves the right to update the data without further notice.

# DJ-KLX 系列离心泵数据图(不带外罩)

## DJ-KLX series centrifugal pump data chart (without cover)



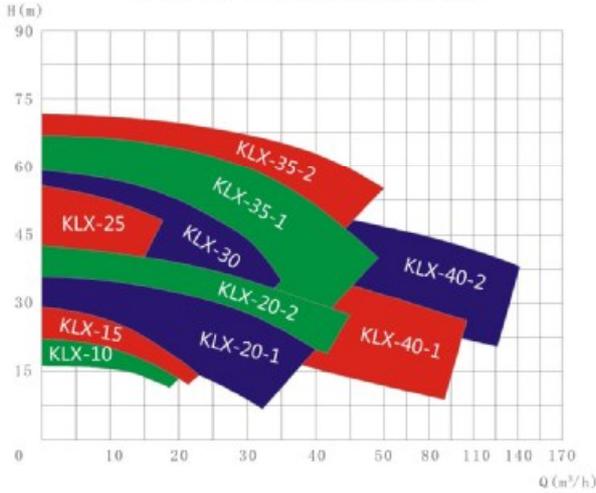
KLX 系列 Series	外形安装尺寸 Assembly Dimension													进/出口连接方式 Inlet / outlet connection								
	功率 Power (KW)	进口 Inlet d'/DN	出口 Outlet d'/DN	ΦPB	F	L1	A	B	B'	C	K	H1	H2	SMS螺纹连接 Thread connection			INCH卡箍连接 Clamp connection			DIN螺纹连接 Thread connection		
														E	L2	HA	E	L2	HA	E	L2	HA
KLX10	1.1KW	1.5"	1.5"	189	63	269	125	100	/	50	10	80	192	56	196	136	49	188.7	129	56	196	136
	1.5KW	1.5"	1.5"	189	63	285	140	100	/	56	10	90	217	56	196	136	49	188.7	129	56	196	136
	2.2KW	1.5"	1.5"	189	63	301	140	125	/	56	10	90	217	56	196	136	49	188.7	129	56	196	136
KLX15	1.5KW	2"	1.5"	250	90.5	285	140	100	/	56	10	90	217	48	193	155	41	185.7	148	49	193	155
	2.2KW	2"	1.5"	250	90.5	301	140	125	/	56	10	90	217	48	193	155	41	185.7	148	49	193	155
	3KW	2"	1.5"	250	90.5	316	160	140	/	63	12	100	240	48	193	155	41	185.7	148	49	193	155
KLX20- I KLX20- II	2.2KW	2"	2"	250	85	301	140	125	/	56	10	90	217	45	207	170	38	200	163	46	208	171
	3KW	2"	2"	250	85	316	160	140	/	63	12	100	240	45	207	170	38	200	163	46	208	171
	4KW	2"	2"	250	85	351	190	140	/	70	12	112	252	45	207	170	38	200	163	46	208	171
KLX25 KLX30	5.5-7.5KW	2"/2.5"	2"	250	85	399	216	140	/	89	12	132	301	45	207	170	38	200	163	46	208	171
	4KW	3"	1.5"	328	127.5	351	190	140	/	70	12	112	252	60	201.5	194	49	190.2	183	59	201	193
	5.5-7.5KW	3"	1.5"	328	127.5	399	216	140	/	89	12	132	301	60	201.5	194	49	190.2	183	59	201	193
KLX35- I KLX35- II	11-15KW	3"	1.5"	363	131	477	254	254	210	108	14.5	160	413	76	282	194	65	270.7	222	75	281	229
	15KW	3"	2"	363	131	477	254	254	210	108	14.5	160	413	76	282	229	65	270.7	222	75	281	66
	18.5KW	3"	2"	363	131	477	254	254	210	108	14.5	160	413	76	282	229	65	270.7	222	75	281	66
KLX40- I KLX40- II	11-15KW	3"	2.5"	315	105	477	254	254	210	108	14.5	160	413	73.5	292	213.5	61.2	280.7	202	73.5	291	213
	18.5KW	3"	2.5"	315	105	477	254	254	210	108	14.5	160	413	73.5	292	213.5	61.2	280.7	202	73.5	291	213
	22KW	3"	2.5"	315	105	573	279	279	241	121	14.5	180	434	73.5	292	213.5	61.2	280.7	202	73.5	291	213
	30KW	3"	2.5"	315	105	618	318	305	267	133	18.5	200	473	73.5	292	213.5	61.2	280.7	202	73.5	291	213

注意：以上数据图相关尺寸不作为实物最终依据，东正保留对于数据更新权限不再另行通知。  
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# DJ-KLX 系列离心泵曲线图

## DJ-KLX series centrifugal pump graph

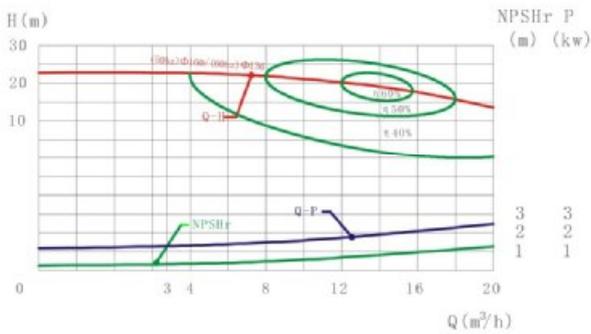
KLX系列-离心泵-综合曲线图  
KLX series-centrifugal pump-graph



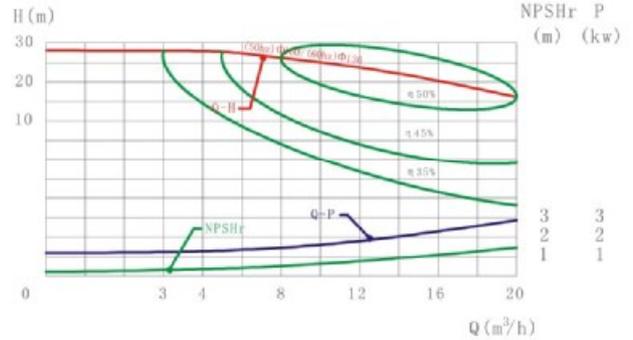
测试条件: 介质清水, 温度20°C, 叶轮转速2900 R.P.M  
(此曲线图亦适用电机60Hz, 叶轮转速3600R.P.M) Q-流量(m³/h),  
H-扬程(M), P-功率(KW), η%-泵效率。

Testing condition: medium water, temperature 20°C, impeller speed 2900 RPM (This graph also applies to motor 60HZ, impeller speed 3600RPM)  
Q-Flow rate (m³/h), H-head (meter), P-power(KW), η % pump efficiency

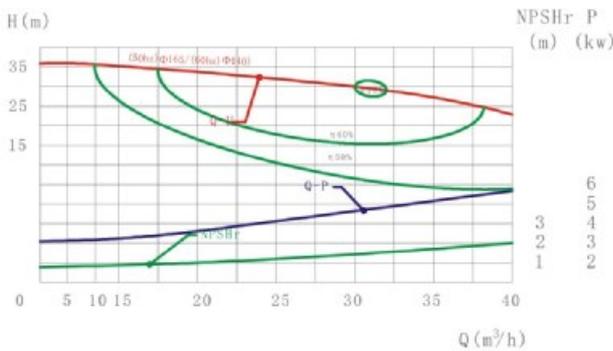
KLX-10(Q-H曲线图/Graph)



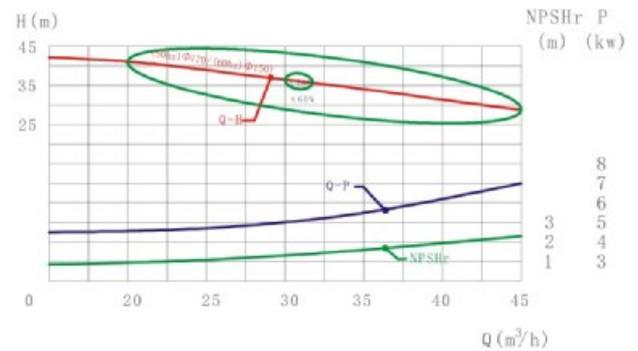
KLX-15(Q-H曲线图/Graph)



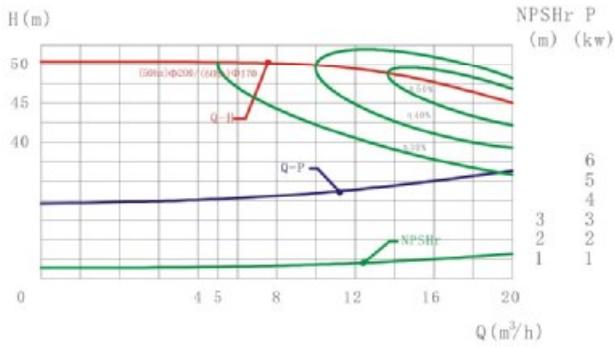
KLX-20-1(Q-H曲线图/Graph)



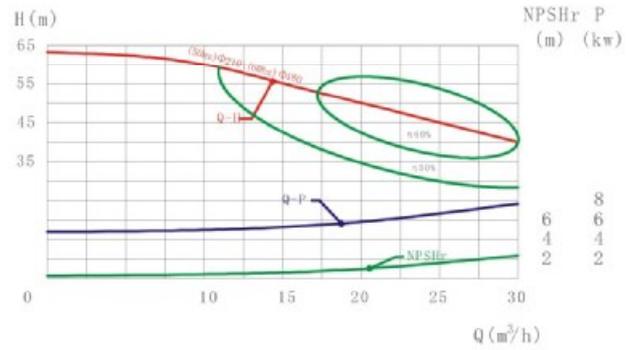
KLX-20-2(Q-H曲线图/Graph)



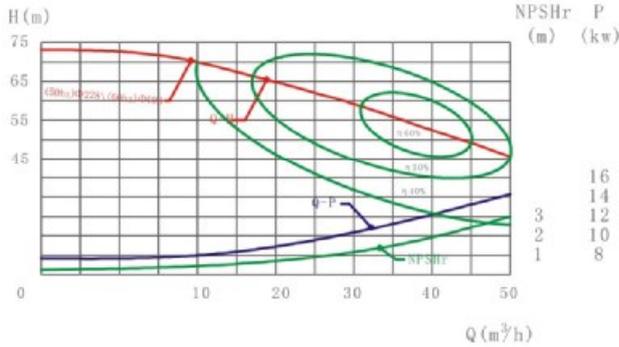
KLX-25(Q-H曲线图/Graph)



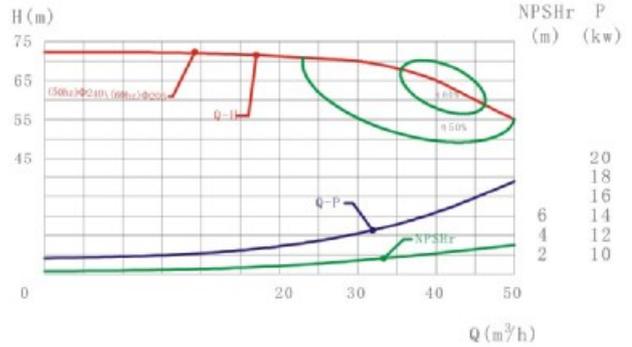
KLX-30(Q-H曲线图/Graph)



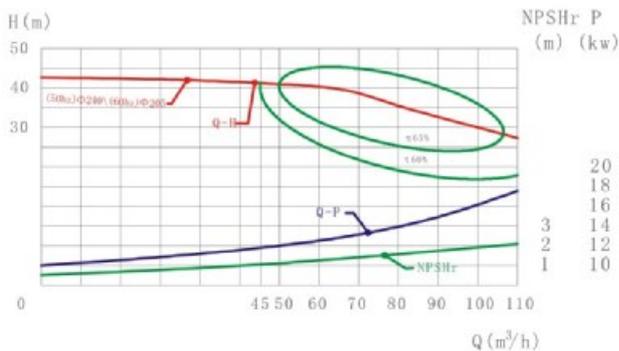
KLX-35-1(Q-H曲线图/Graph)



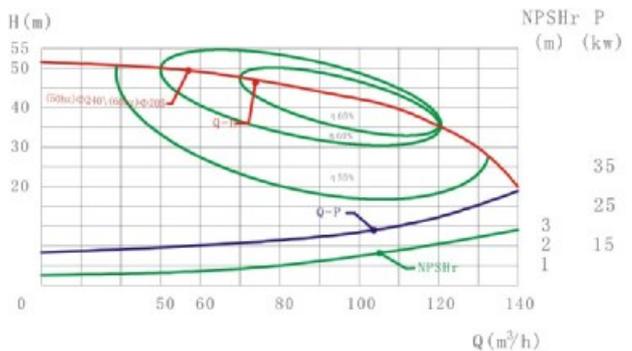
KLX-35-2(Q-H曲线图/Graph)



KLX-40-1(Q-H曲线图/Graph)



KLX-40-2(Q-H曲线图/Graph)

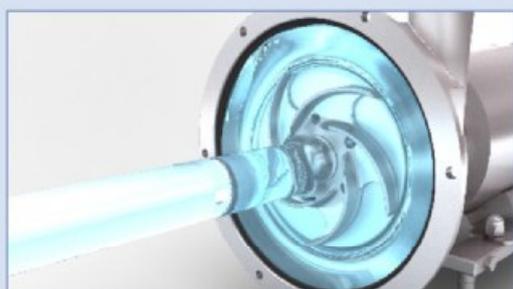


# DJ-SLX 系列离心泵

## DJ-SLX series centrifugal pump

高效率、低噪音、维护简单经济、高洁净的解决方案  
 不锈钢电机、IP69防护、可潜水、卡箍泵头、易清洁、整机可冲洗

Solution for high efficiency, low noise, simple and economical maintenance, high purity. stainless steel motor, IP69 proof, diving, clamp pump head, easy to clean, complete machine washable



随着市场需求的变化和技术的发展，我们希望在高洁净泵领域中树立新的技术标准，为此我们借助了流体力学软件分析和我们20多年的制造及工程应用的经验，进行一系列的技术升级和优化。

DONJOY DJ-SLX 系列是一款全不锈钢设计的离心泵，包含电机也是不锈钢，它不仅优化了内部结构、叶轮设计、死角处理、机封压力平衡设计且机封完全被处在冲洗区域。我们还对泵外部卫生也进行了优化，使其内部更加卫生、外部减少死角，由于没有死角区域，它非常容易被CIP清洗、SIP杀菌等。另外我们对DJ-SLX 系列泵保持了最大的灵活性组合应用，如，泵出口角度可以从0° -135° 之间任意调整，泵盖采用手轮螺母，这样对泵维护和保养及机封的更换，保持了高效，降低了人员高度专业性的要求，而这些无需特殊的工具。因而达到了、高效、卫生、高可靠性及低成本的目的，使DJ-SLX 系列离心泵成为一款高性能的泵。

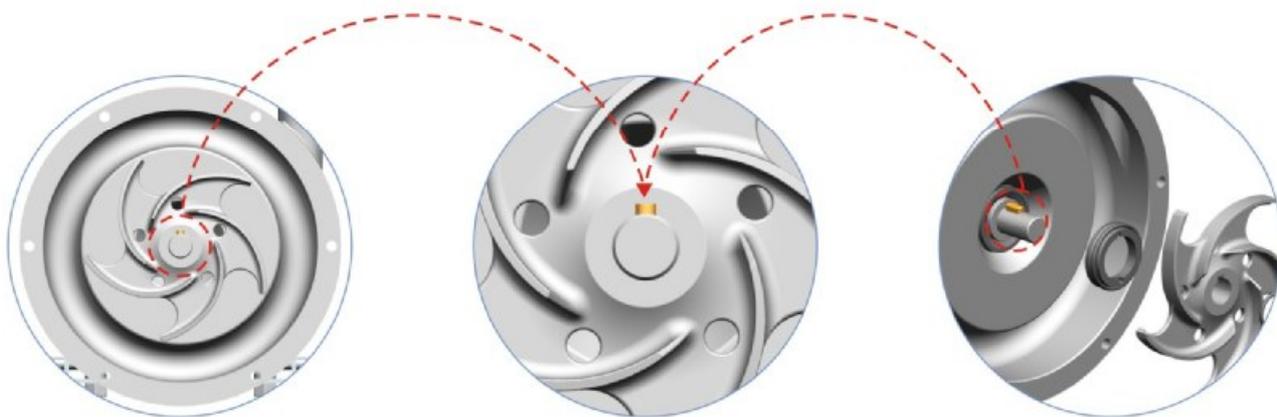
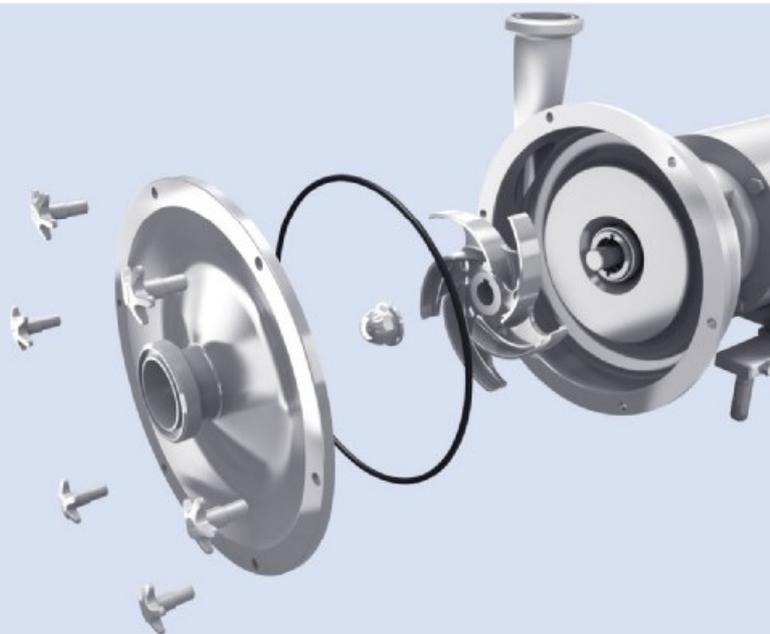
With the change of market demand and the development of technology, we hope to set up new technical standards in the field of high clean pump, for this reason, we have made a series of technology upgrades and optimization with the help of the fluid science software analysis and our more than 20 years experience in manufacturing and engineering application.

Donjoy DJ-SLX series centrifugal pump is designed in SS whole, including motor not only optimize the internal structure, such as impeller design, dead angle treatment, mechanical seal pressure balance design and the machine seal is completely in the flushing area, but also optimize external sanitation of the pump, which makes its internal absolute sanitation and external reduction of dead angle. Since there is no dead angle area, it is easy to be cleaned by CIP and sterilized by SIP. In addition, DJ-SLX series pump, has kept the maximum flexibility of combined applications, for example, the pump outlet angle can be arbitrarily adjusted from 0° to 135°, the pump cover adopts hand wheel nut, which keeps high efficiency in the maintenance of the pump and replacement of machine seal, and reduces the highly professional requirements to maintenance personnel without special tools. Therefore, the DJ-SLX series centrifugal pump has achieved the goal of high efficiency, health, high reliability and low cost, making it a high performance pump.

### 技术参数 Technical Specifications

流量 Flow rate	1m <sup>3</sup> /h-120m <sup>3</sup> /h
最高扬程 Max head	70M
温度 Temperature	-20℃到140℃
功率 Power	0.75KW-22KW
材质 Material	304 /316L, 1.4301/1.4404, ASME BPE 316L, 1.4435 BN2 Fe≤0.5%
表面处理 Surface treatment	Ra≤0.8 μm, Ra≤0.6 μm, Ra≤0.4 μm
机封 Mechanical seal	单机封、双机封 Single mechanical seal, double mechanical seal, 详见配置单 See Configuration Table
进/出口连接 Inlet/Outlet connection	螺纹、卡箍、法兰、无菌法兰, Thread, Clamp, Flange, Aseptic flange
认证 Certification	3-A-02-10(N.O. 1579); MD/06/42-EC (N.O.70521616101-00); FDA 177.2600; USP CLASS-II; EG/VO1935/2004

非常简单的维护、无需专用工具、专业人员  
Very simple maintenance, no special tools required,  
no professionals required



### 技术优势

- 维护拆卸和安装时，无需专业人员和专用工具，即可完成。
- 初始使用安装调试时，即使出现短暂反向旋转也不会损坏。
- 叶轮和轴之间是通过键槽连接固定，叶轮和机封动环之间是通过销钉固定，机封静环和泵体之间是通过异形法兰固定。
- 兼容单机封和双机封，只需要更换机封即可实现。

### Technical Advantages

- Maintenance disassembly and installation can be completed without professional staff and special tools.
- Initial use of installation debugging, even if a short reverse rotation will not be damaged.
- Impeller and shaft are connected by keyway; impeller and mechanical seal rotating ring are connected by pin; mechanical seal static ring and pump body are connected by special-shaped flange.
- Compatible with single and double machine seal, only need to change machine seal.

## DJ-SLX 系列离心泵各种配置

## DJ-SLX series centrifugal pump various configurations



手轮螺母  
Hand wheel nut



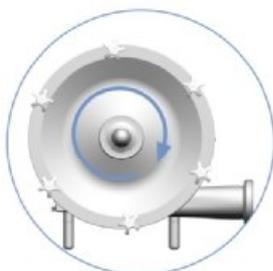
最低弯头排放接口  
Bottom elbow discharge outlet



最低直管排放接口  
Bottom straight discharge outlet



90° ...135° 倾斜出口  
90° ...135° inclined outlet



90° ...0° 倾斜出口  
90° ...0° inclined outlet



法兰连接进/出口  
Flange connection inlet / outlet



无菌法兰(DIN 11864)进/出口  
Aseptic Flange (DIN 11864)  
Inlet/Outlet



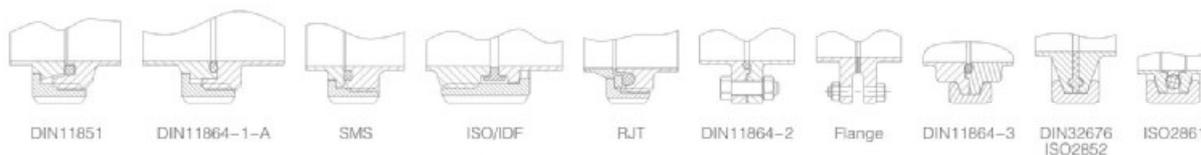
带冷却循环罐-SLX系列离心泵  
With cooling circulation  
tank-SLX series centrifugal pump

### 泵进口/出口连接标准

连接方式：螺纹、卡箍、法兰、无菌法兰、KF、等。  
标准：DIN SMS ISO IDF RJT ASME BPE 3A I-line

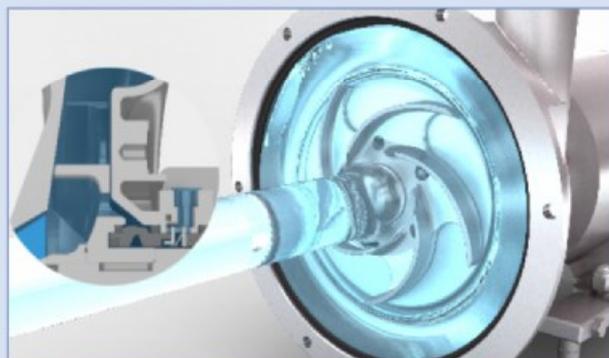
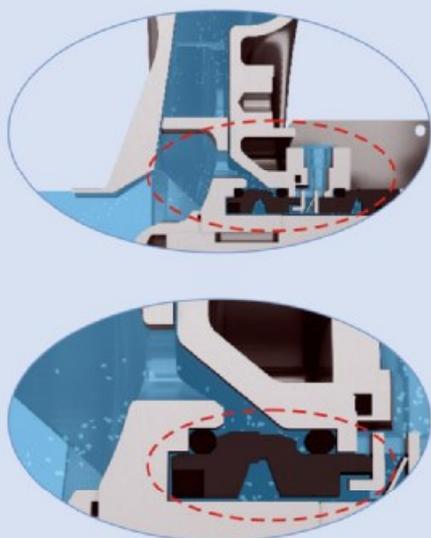
### Pump Inlet/outlet Connection Standard

Connection: Thread, Clamp, Flange, Aseptic flange, KF etc.  
Standard: DIN SMS ISO IDF RJT ASME BPE 3A I-line



# DJ-SLX 系列离心泵机封设计

## DJ-SLX series centrifugal pump mechanical seal design



### 机封系统

DONJOY DJ-SLX 系列离心泵机封，联合欧洲瑞典著名公司合作研发，机封设计具有压力平衡设计、超长使用寿命、极易拆装维护、无需特殊专用工具，卫生洁净符合和认证：欧盟 EHEDG, 美国 3-A-02-11, FDA1772600 等高洁净要求。并有丰富的机封配置方案。

### Mechanical Seal Features

Donjoy DJ-SLX series centrifugal pump mechanical seal is researched and developed together with European Swedish famous company. The mechanical seal is designed with pressure balance and super long working life, can be disassembled and maintained easily without special tools. The sanitary purity is according to EU EHEDG, USA 3-A-02-11, FDA1772600 and so on. and has lots of configuration.

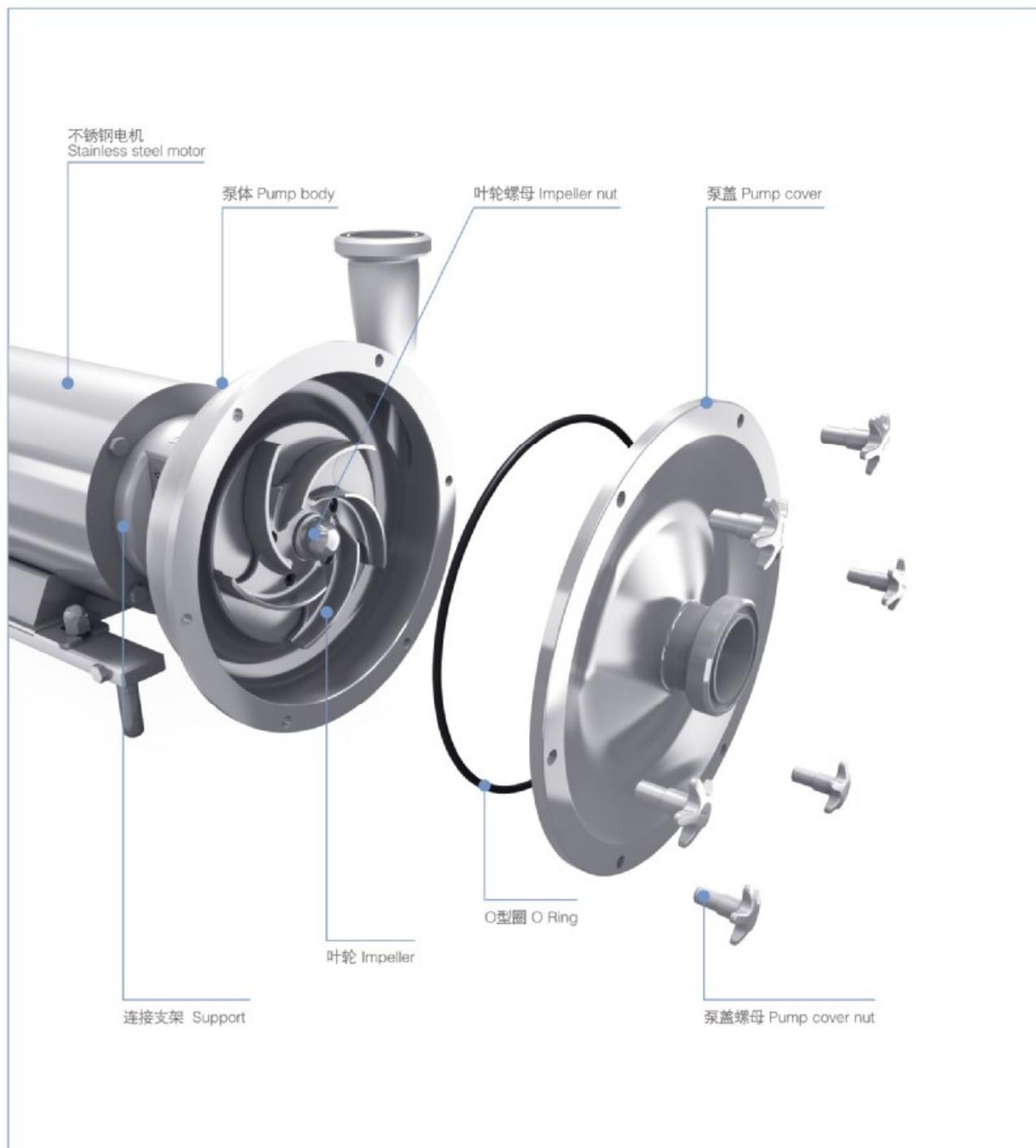
### 机封配置 Mechanical Seal Configuration

1) SIC/C/EPDM	标准配置 Standard
2) SIC/C/FKM	选型配置 Optional
3) SIC/C/HNBR	
4) SIC/SIC/EPDM	
5) SIC/SIC/FKM	
6) SIC/SIC/HNBR	
7) TC/TC/EPDM	
8) TC/TC/FKM	
9) TC/TC/HNBR	

注意：以上配置适用于单机封和双机封。  
Note: Above configurations is suitable for single and double mechanical seal

## DJ-SLX 系列离心泵机封设计

### DJ-SLX series centrifugal pump mechanical seal design



# DJ-SLX 离心泵型号说明

## DJ-SLX centrifugal pump model instruction



For example:  
 举例: DJ-SLX-10-5T-22-1.5KW-380V-50HZ-M-1.5/1.5-S

# DJ-SLX 离心泵选型表

## DJ-SLX centrifugal pump selection table



型号 Model	功率 Power	流量(m³/h) Flow	扬程(M) Head	进口/出口 Inlet/Outlet	理论重量 KG
DJ-SLX-10	1.1KW	3	22	1.5"/1.5"	36.1
	1.1KW	3	22		36.1
	1.5KW	3	22		45.1
	1.5KW	5	22		45.1
	1.5KW	8	22		45.1
	1.5KW	9	22		45.1
	1.5KW	12	20		45.1
	1.5KW	15	18		45.1
	2.2KW		45.8		
	2.2KW	18	16		45.8
DJ-SLX-15	1.5KW	3	28	2"/1.5"	48.5
	1.5KW	5	28		48.5
	1.5KW	8	26		48.5
	2.2KW		48.5		
	2.2KW	10	25		48.5
	2.2KW	15	22		48.5
	2.2KW	18	18		48.5
	3.0KW		58		
	2.2KW	20	16		48.5
	3.0KW		58		

型号 Model	功率 Power	流量(m³/h) Flow	扬程(M) Head	进口/出口 Inlet/Outlet	理论重量 KG
DJ-SLX-20-1	2.2KW	5	36	2"/2"	30.0
	3.0KW				60.0
	3.0KW	10	36		60.0
	4.0KW				70.4
	4.0KW	15	35		70.4
	4.0KW	20	33		70.4
	4.0KW	25	30		70.4
	5.5KW				112.0
	5.5KW	30	30		112.0
	5.5KW	38	22		112.0
DJ-SLX20-2	5.5KW	20	40	2"/2"	111.0
	5.5KW	25	37		111.0
	5.5KW	30	36	2.5"-2"	111.0
	5.5KW	36	32		111.0
	7.5KW	40	30		111.0
	7.5KW	45	28		111.0
DJ-SLX-25	4.0KW	5	50	2.5"/1.5"	70.3
	5.5KW	10	50		111.0
	5.5KW	15	48		111.0
	5.5KW	20	45		111.0

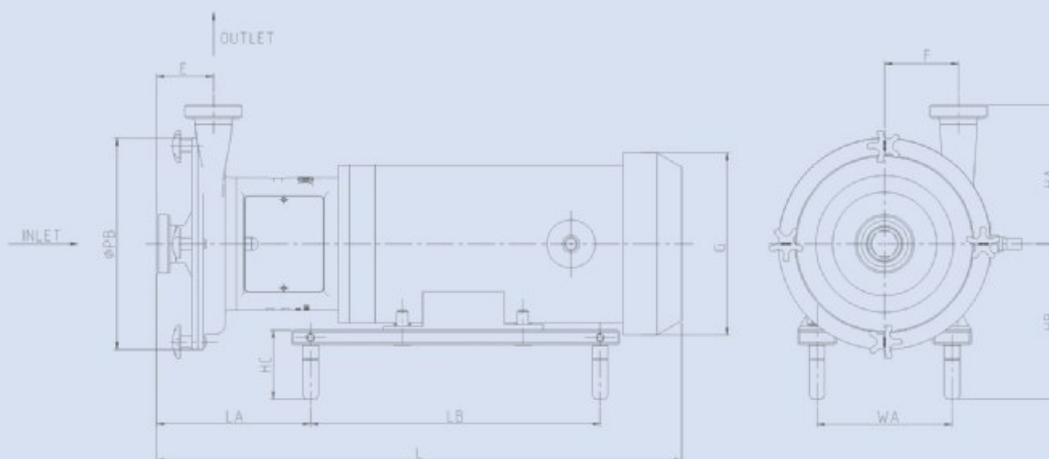


型号 Model	功率 Power	流量(m³/h) Flow	扬程(M) Head	进口/出口 Inlet/Outlet	理论重量 KG
DJ-SLX-30	5.5KW	10	60	2.5"-1.5"	111
	5.5KW	15	55		111
	5.5KW	20	50		111
	7.5KW				112
	7.5KW	25	45		112
	7.5KW	30	40		112
DJ-SLX-35-1	11KW	10	70	3"-1.5"	146
	11KW	15	65		146
	11KW	20	65		146
	11KW	25	60		146
	11KW	30	60		146
	11KW	35	55		146
	15KW	40	50		159
	15KW	45	50		159
	15KW	50	45		159
	15KW	20	70		159
	15KW	25	70		159
	DJ-SLX-35-2	15KW	30		70
15KW		35	65	159	
15KW		40	65	159	
18.5KW		45	60	174	
18.5KW		50	55	174	

型号 Model	功率 Power	流量(m³/h) Flow	扬程(M) Head	进口/出口 Inlet/Outlet	理论重量 KG
DJ-SLX40-1	11KW	45	42	3"/2.5"	143
	11KW	50	42		143
	15KW	60	40		156
	15KW	65	40		156
	15KW	70	38		156
	15KW	80	35		156
	15KW	90	33		156
	18.5KW	100	30		172
DJ-SLX-40-2	18.5KW	110	28	3"/2.5"	172
	15KW	50	50		164
	15KW	60	48		164
	18.5KW	70	47		189
	18.5KW	80	46		189
	22KW	85	45		219
	22KW	90	44		219
	22KW	100	43		219
DJ-SLX-40-2	22KW	110	40	3"/2.5"	219
	22KW	120	35		219

# DJ-SLX 系列离心泵数据图

## DJ-SLX series centrifugal pump data chart

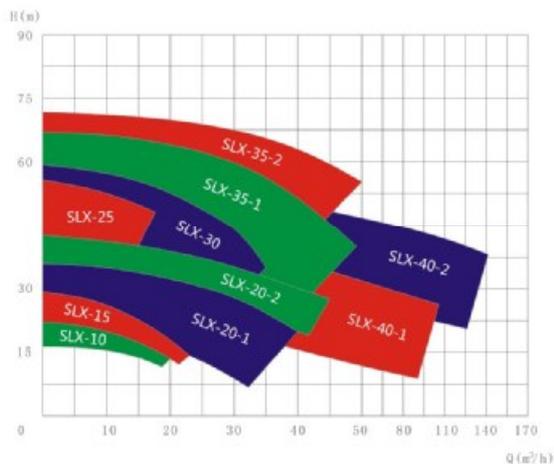


型号 Model	外形安装尺寸 Assembly Dimension										进/出口连接方式 Inlet / outlet connection											
	功率 Power (KW)	进口 Inlet	出口 Outlet	ΦPB	F	G	HC	LB	WA	HB	SMS螺纹连接 Thread				INCH卡箍连接 Clamp				DIN螺纹连接 Thread			
											E	LA	L	HA	E	LA	L	HA	E	LA	L	HA
SLX10	1.1KW	1.5"	1.5"	222	76.5	165	72	300	125	152	66	160	464	150	58	152	457	143	66	160	464	150
	1.5KW	1.5"	1.5"	222	76.5	190	72	300	140	162	66	160	539	150	58	152	532	143	66	160	539	150
	2.2KW	1.5"	1.5"	222	76.5	190	72	300	140	162	66	160	539	150	58	152	532	143	66	160	539	150
SLX15	1.5KW	2"	1.5"	268	99.5	190	72	300	140	162	66	186	536	180	59	179	529	173	67	187	536	181
	2.2KW	2"	1.5"	268	99.5	190	72	300	140	162	66	186	536	180	59	179	529	173	67	187	536	181
	3KW	2"	1.5"	268	99.5	196	72	300	160	172	64.5	185	581	180	57	177	574	173	66	186	580	181
SLX20- I	2.2KW	2"	2"	282	101	190	72	300	140	162	74.5	193	552	200	67	186	545	193	76	194	553	201
	3KW	2"	2"	282	101	196	72	300	160	172	74.5	176	593	200	67	167	587	193	76	177	594	201
	4KW	2"	2"	282	101	240	72	350	190	184	74.5	169	625	200	67	162	617	193	76	170	626	201
	5.5KW	2"/2.5"	2"	282	101	240	72	450	216	204	74.5	191	766	200	67	184	759	193	76	192	767	201
SLX20- II	5.5KW	2"/2.5"	2"	282	101	240	72	450	216	204	74.5	191	766	200	67	184	759	193	76	192	767	201
	7.5KW	2.5"	2"	282	101	280	72	450	216	204	78.5	195	770	200	71	188	763	193	80	196	771	201
SLX25	4KW	2.5"	1.5"	328	127.5	240	72	350	190	184	72	165	625	210	61	154	616	203	71	164	624	210
	5.5KW	2.5"	1.5"	328	127.5	240	72	450	216	204	72	187	762	210	61	176	753	203	71	186	761	210
SLX30	7.5KW	2.5"	1.5"	328	127.5	280	72	450	216	204	72	191	766	210	61	179	757	203	71	192	767	210
SLX35- I	11KW	3"	1.5"	363	141	330	72	550	254	232	79.5	168	881	235	67	156	868	226	80	168	881	235
	15KW	3"	1.5"	363	141	330	72	550	254	232	79.5	168	881	235	67	156	868	226	80	168	881	235
SLX35- II	15KW	3"	1.5"	363	141	330	72	550	254	232	79.5	168	881	235	67	156	868	226	80	168	881	235
SLX40- I	11KW	3"	2.5"	335	120	330	72	550	254	232	89.5	186	899	239	78	174	887	228	90	186	899	239
	15KW	3"	2.5"	335	120	330	72	550	254	232	89.5	186	899	239	78	174	887	228	90	186	899	239
	18.5KW	3"	2.5"	335	120	330	72	550	254	232	89.5	186	899	239	78	174	887	228	90	186	899	239
SLX40- II	15KW	3"	2.5"	335	120	330	72	550	254	232	89.5	186	899	239	78	174	887	228	90	186	899	239
	18.5KW	3"	2.5"	335	120	330	72	550	254	232	89.5	186	899	239	78	174	887	228	90	186	899	239
	22KW	3"	2.5"	335	120	355	72	550	254	252	89.5	186	899	239	78	174	887	228	90	186	899	239

注意：以上数据图相关尺寸不作为实物最终依据，东正保留对于数据更新权限不再另行通知。  
 Note: The relevant dimensions of the above data diagrams are not regarded as the final basis of the actual object. DONJOY reserves the right to update the data without further notice.

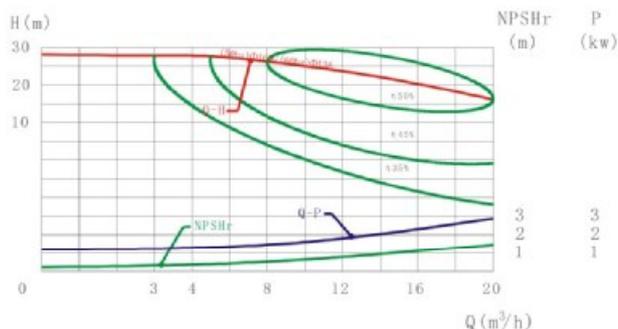
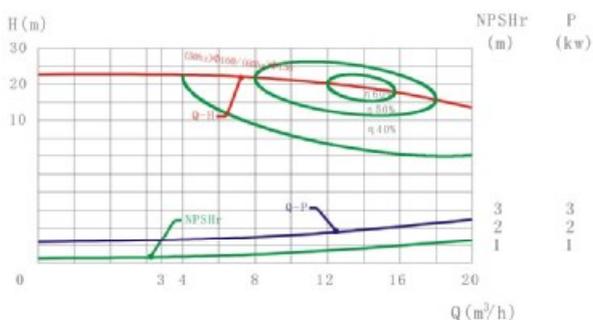
# DJ-SLX 系列离心泵曲线图

## DJ-SLX series centrifugal pump graph



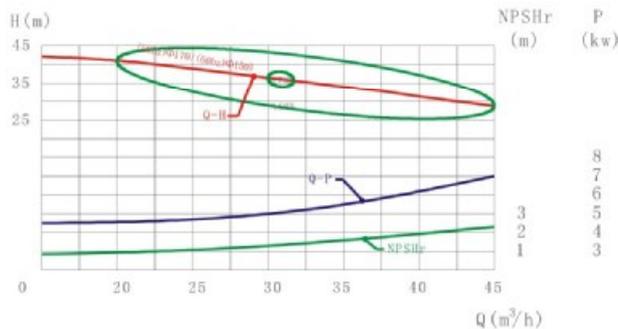
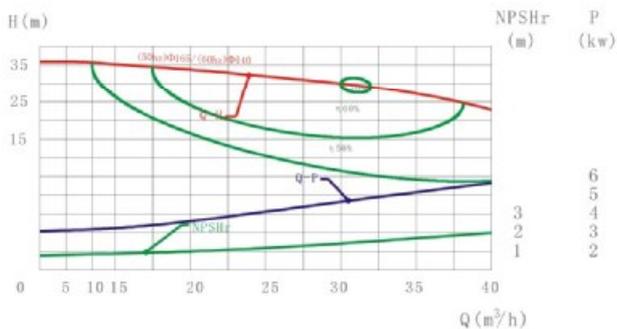
SLX-10(Q-H曲线图/Graph)

SLX-15(Q-H曲线图/Graph)



SLX-20-1(Q-H曲线图/Graph)

SLX-20-2(Q-H曲线图/Graph)



测试条件: 介质清水, 温度20℃, 叶轮转速2900 R.P.M

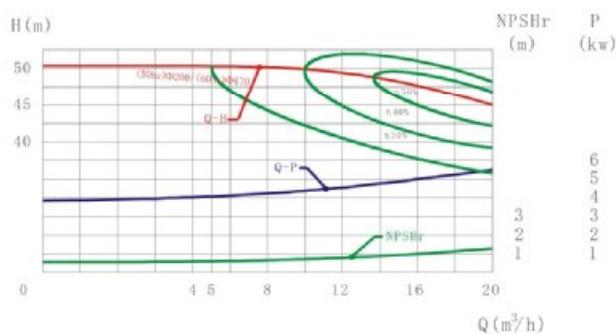
(此曲线图亦适用电机60Hz, 叶轮转速3600R.P.M) Q-流量(m³/H), H-扬程(M), P-功率(KW), η%-泵效率。

Testing condition: medium water, temperature 20 °C, impeller speed 2900 RPM (This graph also applies to motor 60HZ, impeller speed 3600RPM) Q-Flow rate (m³/H), H-head (meter), P-power (KW), η % pump efficiency

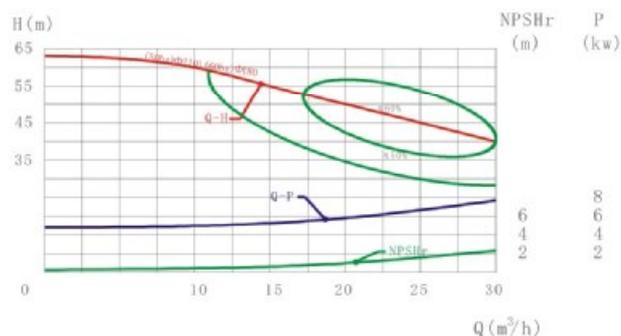
# DJ-SLX 系列离心泵曲线图

## DJ-SLX series centrifugal pump graph

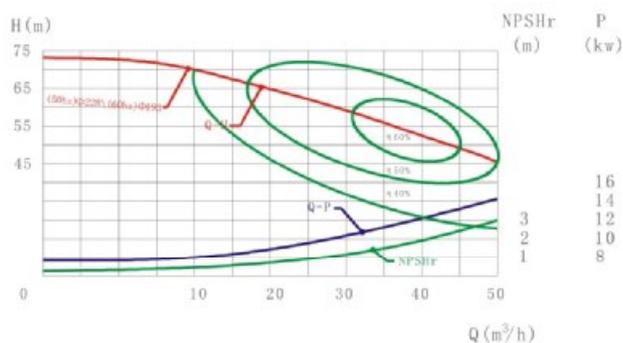
SLX-25(Q-H曲线图/Graph)



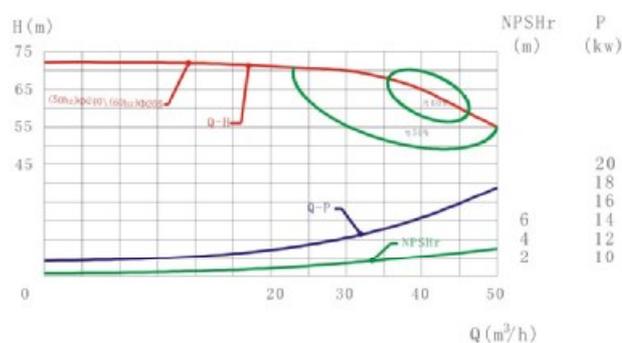
SLX-30(Q-H曲线图/Graph)



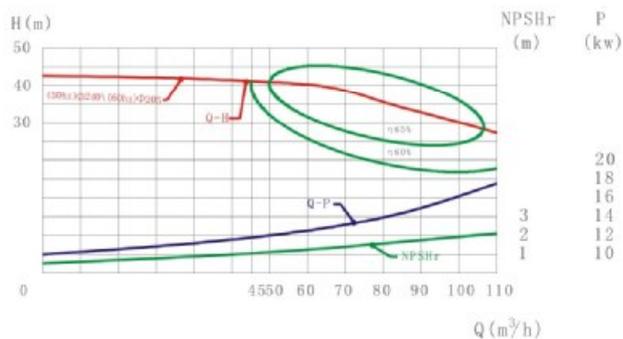
SLX-35-1(Q-H曲线图/Graph)



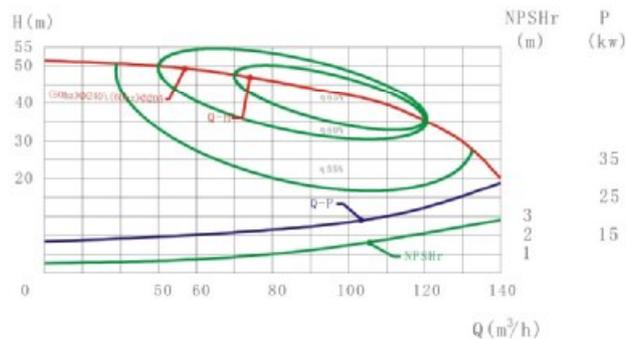
SLX-35-2(Q-H曲线图/Graph)



SLX-40-1(Q-H曲线图/Graph)



SLX-40-2(Q-H曲线图/Graph)



测试条件: 介质清水, 温度20°C, 叶轮转速2900 R.P.M

(此曲线图亦适用电机60Hz, 叶轮转速3600R.P.M) Q-流量(m³/H), H-扬程(M), P-功率(KW), η%-泵效率。

Testing condition: medium water, temperature 20 °C, impeller speed 2900 RPM (This graph also applies to motor 60HZ, impeller speed 3600RPM) Q-Flow rate (m³/H), H-head (meter), P-power (KW), η % pump efficiency

# DJ-CLX 系列离心泵

## DJ-CLX series centrifugal pump

高效率、低噪音、卡箍泵头、易清洁、维护简单经济、高洁净的解决方案  
 Solution for high efficiency, low noise, clamp pump head, easy to clean, simple and economical maintenance, high purity



随着市场需求的变化和技术的发展，我们希望在高洁净泵领域中树立新的技术标准，为此我们借助了流体力学软件分析和我们20多年的制造及工程应用的经验，进行一系列的技术升级和优化。

DONJOY DJ-CLX 系列离心泵不仅优化了内部结构、叶轮设计、死角处理、机封压力平衡设计且机封完全被处在冲洗区域。我们还对泵外部卫生也进行了优化，使其内部更加卫生、外部减少死角，由于没有死角区域，它非常容易被CIP清洗、SIP杀菌等。另外我们对DJ-CLX 系列泵保持了最大的灵活性组合应用，如，泵出口角度可以从 0° -360° 之间任意调整，泵盖采用卡箍式连接，这样对泵维护和保养及机封的更换，保持了高效，降低了人员高度专业性的要求，而这些无需特殊的工具。因而达到了、高效、卫生、高可靠性及低成本的目的，使DJ-CLX 系列离心泵成为一款高性能的泵。

With the change of market demand and the development of technology, we hope to set up new technical standards in the field of high clean pump, for this reason, we have made a series of technology upgrades and optimization with the help of the fluid science software analysis and our more than 20 years experience in manufacturing and engineering application.

Donjoy DJ-CLX series centrifugal pump ,not only optimize the internal structure, such as impeller design, dead angle treatment, mechanical seal pressure balance design and the machine seal is completely in the flushing area ,but also optimize external sanitation of the pump , which makes its internal absolute sanitation and external reduction of dead angle. Since there is no dead angle area, it is easy to be cleaned by CIP and sterilized by SIP. In addition, DJ - CLX series pump, has kept the maximum flexibility of combined applications, for example, the pump outlet angle can be arbitrarily adjusted from 0° to 360° , the pump cover connected with clamp, which keeps high efficiency in the maintenance of the pump and replacement of machine seal, and reduces the highly professional requirements to maintenance personnel without special tools. Therefore, the DJ-CLX series centrifugal pump has achieved the goal of high efficiency, health, high reliability and low cost, making it a high performance pump.

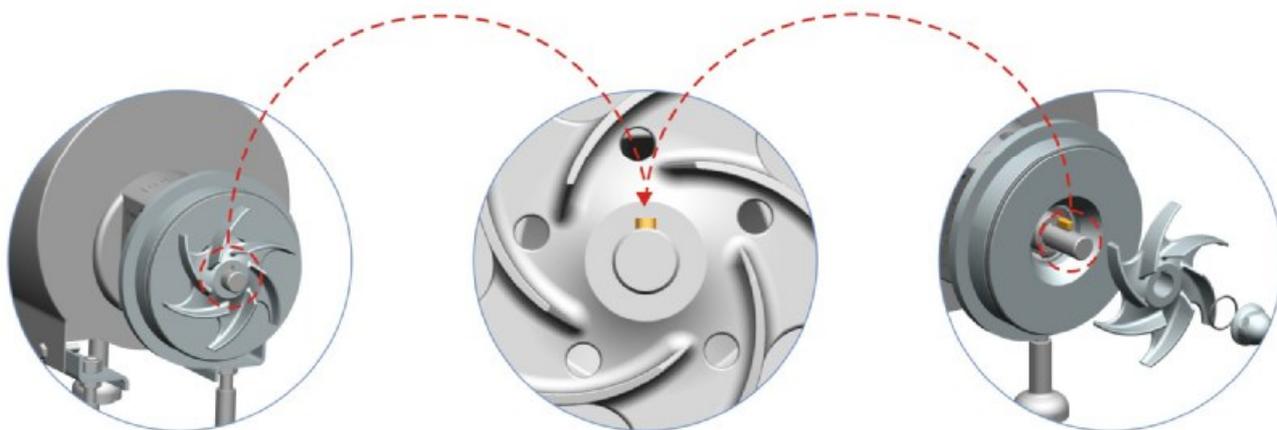
### 技术参数 Technical Specifications

最大流量 Max flow rate	140m <sup>3</sup> /h
最高扬程 Max head	70M
温度 Temperature	-20℃到140℃
功率 Power	0.37KW-30KW
材质 Material	304 /316L,1.4301/1.4404,ASME BPE 316L ,1.4435 BN2 Fe≤0.5%
表面处理 Surface treatment	≤ Ra0.8μm, ≤ Ra0.6μm, ≤ Ra0.4μm
机封 Mechanical seal	单机封、双机封 Single mechanical seal , double mechanical seal, 详见配置单 See configuration table
进出口连接 Inlet/Outlet connection	螺纹、卡箍、法兰、无菌法兰 Thread, Clamp, Flange, Aseptic flange
认证 Certification	3-A-02-10(N.O.1579); MD/06/42-EC (N.O.70521616101-00); FDA 177.2600; USP CLASS-II; EG/VO1935/2004

## DJ-CLX 系列离心泵 DJ-CLX series centrifugal pump



非常简单的维护、  
无需专用工具、专业人员  
Very simple maintenance,  
no special tools required, no  
professionals required



### 技术优势

- 维护拆卸和安装时，无需专业人员和专用工具，即可完成。
- 初始使用安装调试时，即使出现短暂反向旋转也不会损坏。
- 叶轮和轴之间是通过键槽连接固定，叶轮和机封动环之间是通过销钉固定，机封静环和泵体之间是通过异形法兰固定。
- 兼容单机封和双机封，只需要更换机封即可实现。

### Technical Advantages

- Maintenance disassembly and installation can be completed without professional staff and special tools.
- Initial use of installation debugging, even if a short reverse rotation will not be damaged.
- Impeller and shaft are connected by keyway; impeller and mechanical seal rotating ring are connected by pin; mechanical seal static ring and pump body are connected by special-shaped flange.
- Compatible with single and double machine seal, only need to change machine seal.

## DJ-CLX 系列离心泵各种配置

## DJ-CLX series centrifugal pump various configurations



卡箍式进/出口  
Clamp Inlet/Outlet



螺纹接口  
Thread Inlet/Outlet



由任螺母  
Union Inlet/Outlet



无菌法兰(DIN 11864)进/出口  
Aseptic Flange (DIN 11864) Inlet/Outlet



出口可任意调整角度-0-360°  
The outlet can be adjusted to any angle -0-360°

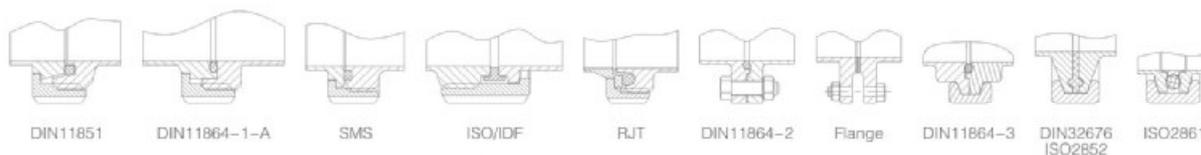


### 泵进口/出口连接标准

连接方式：螺纹 卡箍 法兰 无菌法兰 KF等。  
标准：DIN SMS ISO IDF RJT ASME BPE 3A I-line.

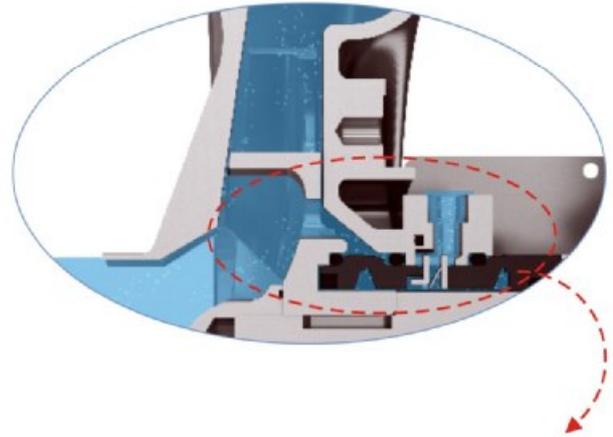
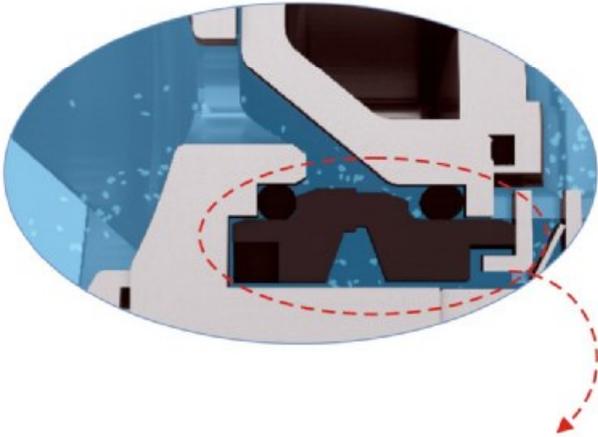
### Pump Inlet/outlet Connection Standard

Connection: Thread, Clamp, Flange, Aseptic flange, KF etc.  
Standard: DIN SMS ISO IDF RJT ASME BPE 3A I-line.



## DJ-CLX 系列离心泵机封设计

## DJ-CLX series centrifugal pump mechanical seal design



### 机封系统

DONJOY DJ-CLX 系列离心泵机封，联合欧洲瑞典著名公司合作研发，机封设计具有压力平衡设计、超长使用寿命、极易拆装维护、无需特殊专用工具，卫生洁净符合和认证：欧盟 EHEDG，美国 3-A-02-11，FDA1772600 等高洁净要求。并有丰富的机封配置方案。

### Mechanical Seal Features

Donjoy DJ-CLX series centrifugal pump mechanical seal is researched and developed together with European Swedish famous company. The mechanical seal is designed with pressure balance and super long working life, can be disassembled and maintained easily without special tools. The sanitary purity is according to EU EHEDG, USA 3-A-02-11, FDA1772600 and so on. and has lots of configuration.

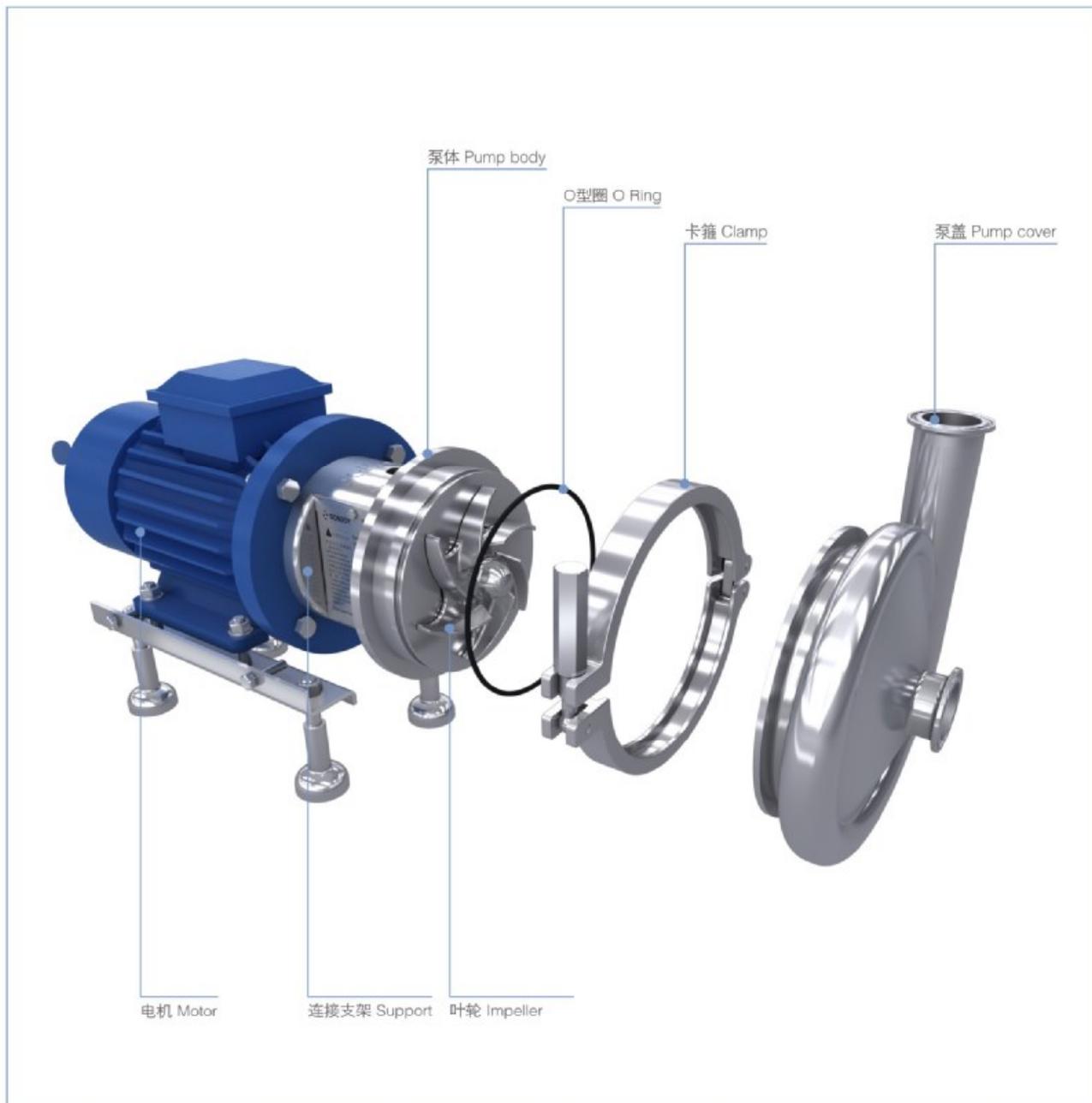
### 机封配置 Mechanical Seal Configuration

1) SIC/C/EPDM	标准配置 Standard
2) SIC/C/FKM	选型配置 Optional
3) SIC/C/HNBR	
4) SIC/SIC/EPDM	
5) SIC/SIC/FKM	
6) SIC/SIC/HNBR	
7) TC/TC/EPDM	
8) TC/TC/FKM	
9) TC/TC/HNBR	

注意：以上配置适用于单机封和双机封。  
Note: Above configurations is suitable for single and double mechanical seal

## DJ-CLX 系列离心泵机封设计

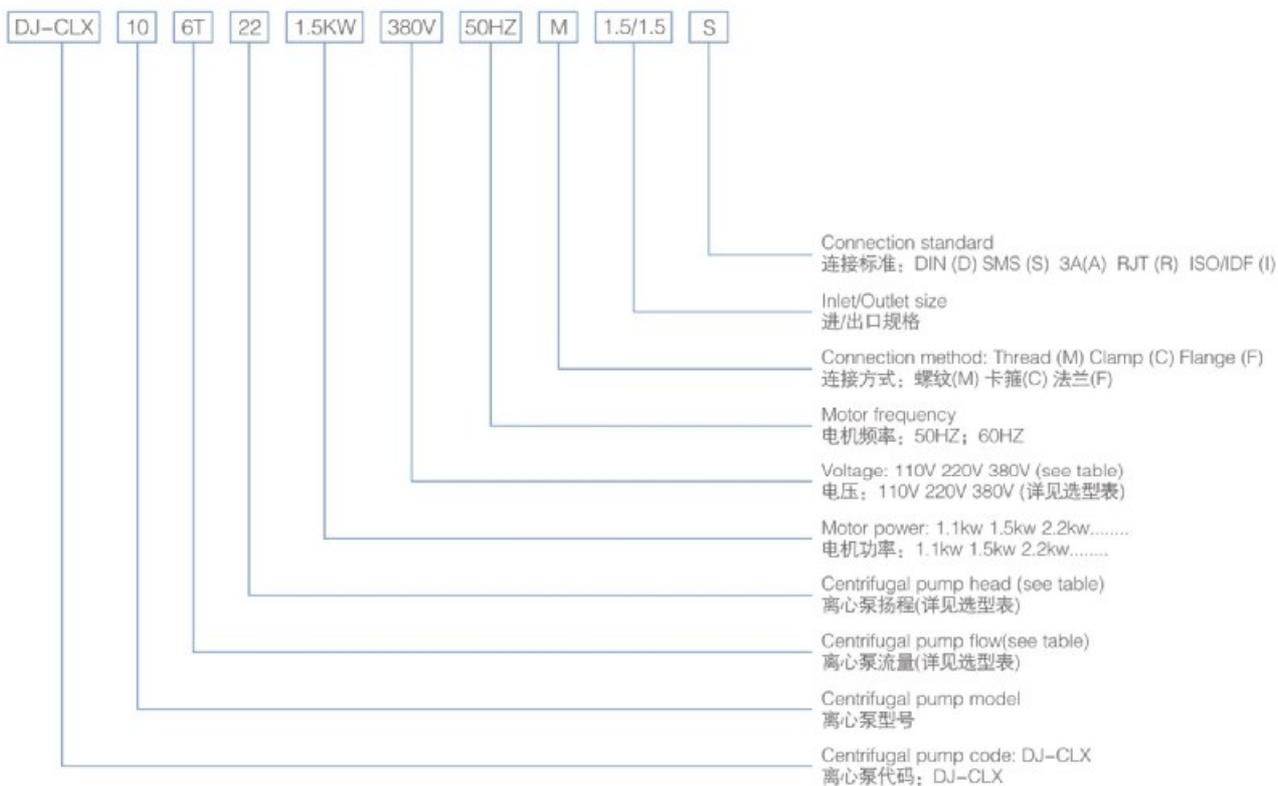
### DJ-CLX series centrifugal pump mechanical seal design



CLX系列采用卡箍式泵头连接方式，拆卸、维修、管道连接以及各种应用组合非常的灵活。  
The CLX series is equipped with a clamp-type pump head connection, which is very flexible for disassembly, repair, pipe connection and various application combinations.

# DJ-CLX 离心泵型号说明

## DJ-CLX centrifugal pump model instruction



For example:  
 举例: DJ-CLX-10-6T-22-1.5KW-380V-50HZ-M-1.5/1.5-S

# DJ-CLX 离心泵选型表

## DJ-CLX centrifugal pump selection table



型号 Type	功率 Power	流量 Flow(m³/h)	扬程 Head(M)	进口/出口 Inlet/Outlet	理论重量 (kg)
DJ-CLX-05	0.37KW	0.2-1.0	20	1'0.75'	18
		1.5-2.0	18		19
		2.2-3.0	16		22
	0.55KW	3.5-4.0	16		23
		4.5-5.0	14		29
DJ-CLX-10	1.1KW	3	22	1.5'1.5'	30
	1.1KW	5	22		30
	1.5KW	3	22		36
	1.5KW	5	22		36
	1.5KW	8	22		36
	1.5KW	9	22		36
	1.5KW	12	20		36
	1.5KW	15	18		36
	2.2KW	18	16		40
	2.2KW	18	16		40
DJ-CLX-15	1.5KW	3	28	2'1.5'	39
	1.5KW	5	28		39
	1.5KW	8	26		39
	2.2KW		42		
	2.2KW	10	25		42
	2.2KW	15	22		42
	2.2KW	18	18		42
	3.0KW		54		
	2.2KW	20	16		42
	3.0KW				54

型号 Type	功率 Power	流量 Flow(m³/h)	扬程 Head(M)	进口/出口 Inlet/Outlet	理论重量 (kg)
DJ-CLX-20-1	2.2KW	5	36	2'2'	47
	3.0KW				56
	3.0KW	10	36		56
	4.0KW				61
	4.0KW	15	35		61
	4.0KW	20	33		61
	4.0KW	25	30		61
	5.5KW				83
5.5KW	30	30	83		
DJ-CLX20-2	5.5KW	38	22	2.5'2'	83
	5.5KW	20	40	2'2'	82
	5.5KW	25	37		82
	5.5KW	30	36	2.5'2'	82
	5.5KW	36	32		82
	7.5KW	40	30		86
DJ-CLX-25	7.5KW	45	28	2.5'1.5'	86
	4.0KW	5	50		61
	5.5KW	10	50		82
	5.5KW	15	48		82
DJ-CLX-30	5.5KW	20	45	2.5'1.5'	82
	5.5KW	10	60		83
	5.5KW	15	55		83
	5.5KW	20	50		83
	7.5KW				87
	7.5KW	25	45		87
	7.5KW	30	40		87

注意：以上数据图相关尺寸不作为实物最终依据，东正保留对于数据更新权限不再另行通知。

Note: The relevant dimensions of the above data diagrams are not regarded as the final basis of the actual object. DONJOY reserves the right to update the data without further notice.

# DJ-CLX 离心泵选型表

## DJ-CLX centrifugal pump selection table



型号 Type	功率 Power	流量 Flow(m³/h)	扬程 Head(M)	进口/出口 Inlet/Outlet	理论重量 (kg)
DJ-CLX-35-1	11KW	10	70	3"/1.5"	152
	11KW	15	65		152
	11KW	20	65		152
	11KW	25	60		152
	11KW	30	60		152
	11KW	35	55		152
	15KW	40	50		165
	15KW	45	50		165
	15KW	50	45		165
	DJ-CLX-35-2	15KW	20		70
15KW		25	70	165	
15KW		30	70	165	
15KW		35	65	165	
15KW		40	65	165	
18.5KW		45	60	174	
18.5KW		50	55	174	

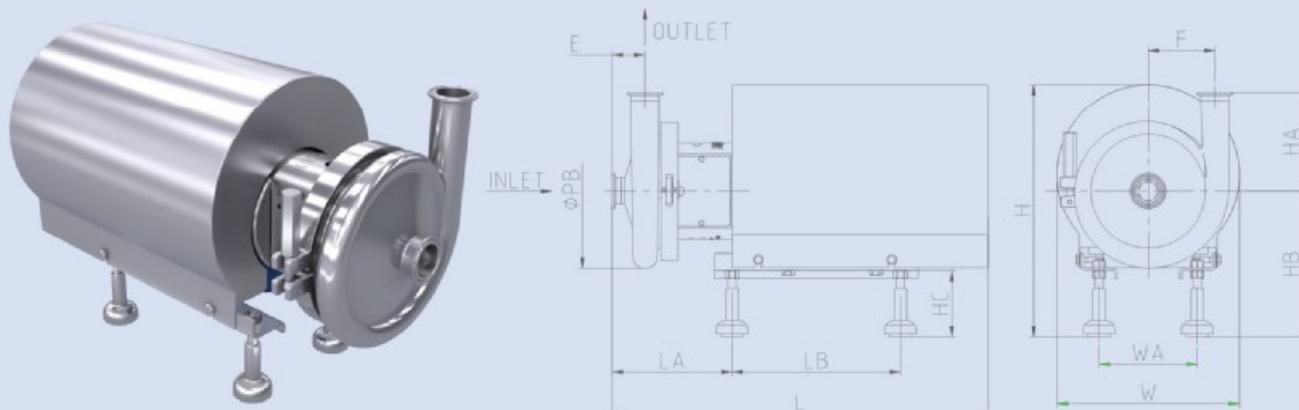
型号 Type	功率 Power	流量 Flow(m³/h)	扬程 Head(M)	进口/出口 Inlet/Outlet	理论重量 (kg)
DJ-CLX40-1	11KW	45	42	3"/2.5"	148
	11KW	50	42		148
	15KW	60	40		162
	15KW	65	40		162
	15KW	70	38		162
	15KW	80	35		162
	15KW	90	33		162
	18.5KW	100	30		171
	18.5KW	110	28		171
	DJ-CLX-40-2	15KW	50		50
15KW		60	48	162	
18.5KW		70	47	171	
18.5KW		80	46	171	
22KW		85	45	205	
22KW		90	44	205	
22KW		100	43	205	
22KW		110	40	205	
22KW		120	35	205	
30KW		130	30	263	
30KW	140	20	263		

注意：以上数据图相关尺寸不作为实物最终依据，东正保留对于数据更新权限不再另行通知。

Note: The relevant dimensions of the above data diagrams are not regarded as the final basis of the actual object. DONJOY reserves the right to update the data without further notice.

# DJ-CLX 系列离心泵数据图

## DJ-CLX series centrifugal pump data chart

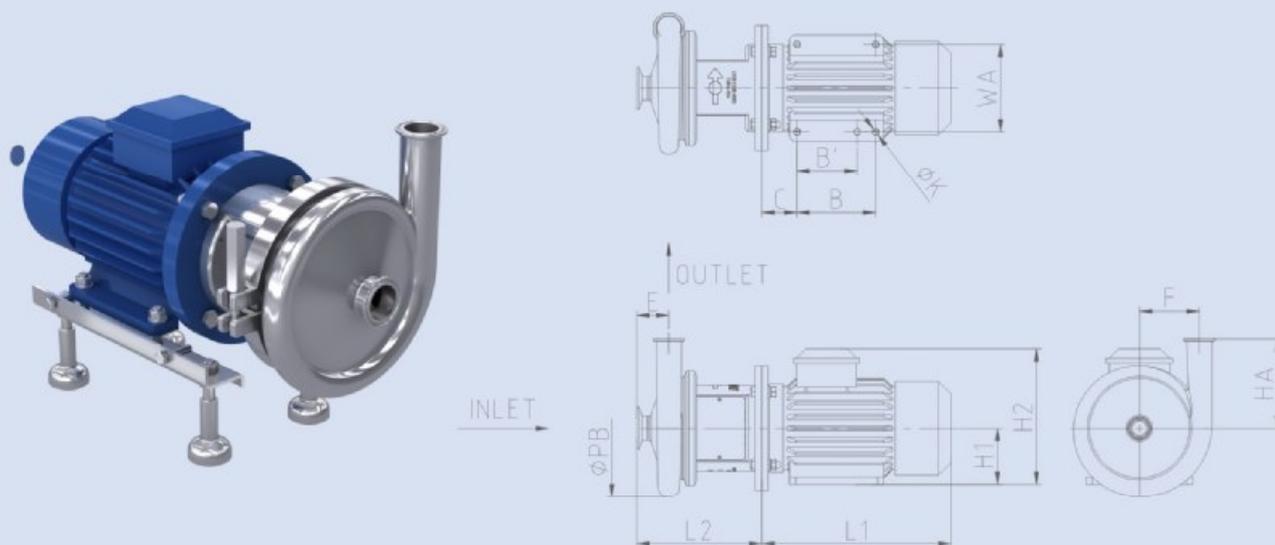


DJ-CLX 系列 DJ-CLX series	泵头规格 Pump head dimension				外形安装尺寸 Assembly Dimension							进/出口连接方式 Inlet / outlet connection											
	功率 Power (KW)	进口 Inlet	出口 Outlet	ΦPB	F	LB	H	HB	HC	W	WA	SMS螺纹连接 Thread				INCH卡箍连接 Clamp				DIN螺纹连接 Thread			
												E	LA	HA	L	E	LA	HA	L	E	LA	HA	L
DJ-CLX05	0.37-0.55KW	1"	0.75"	160	53	240	298	170	94.8	204	112	51	153	109	453	53	153	103	446	51	152	109	453
	0.75-1.1KW	1"	0.75"	160	53	240	317	178		224	125	51	153	109	453	53	153	103	446	51	152	109	453
DJ-CLX10	1.1KW	1.5"	1.5"	222	77	240	337	199	94.8	250	125	66	173	150	514	57	165.7	143	506	66	173	150	514
	1.5-2.2KW	1.5"	1.5"	222	77	240	362	209		260	140	66	173	150	536	57	165.7	143	529	66	173	150	541
DJ-CLX15	1.5-2.2KW	2"	1.5"	268	100	240	362	209	94.8	260	140	66	173	180	536	57	165.7	173	529	67	174	180	537
	3KW	2"	1.5"	268	100	300	413	218		320	160	66	153	180	578	57	145.7	173	571	67	154	180	579
DJ-CLX20-1	3KW	2"	2"	282	101	300	416	218	94.8	320	160	74.5	166	200	584	67	158.2	193	577	75.5	166.5	201	585
	4KW	2"	2"	282	101	300	421	210		340	190	74.5	173	200	591	67	165.2	193	584	75.5	173.5	201	592
DJ-CLX20-2	5.5-7.5KW	2"	2"	282	101	330	466	231	94.8	380	216	74.5	206	200	675	67	198.7	193	668	75.5	207	201	676
	5.5-7.5KW	2.5"	2"	282	101	330	466	231		380	216	78.5	210	204	679	71	202.7	197	672	79.5	211	205	680
DJ-CLX25	4KW	2.5"	1.5"	328	128	300	421	211	94.8	340	190	72	172	210	591	61	160.2	203	580	71	170.5	210	590
	5.5-7.5KW	2.5"	1.5"	328	128	330	466	231		380	216	72	206	210	685	61	194.2	203	674	71	204.5	210	684
DJ-CLX30	5.5-7.5KW	2.5"	1.5"	328	128	330	466	231	94.8	380	216	72	206	210	685	61	194.2	203	674	71	204.5	210	684
DJ-CLX35-1	11-15KW	3"	1.5"	363	141	450	551	260	94.8	470	254	78.5	234	235	809	67	222.2	228	797	79.5	233.5	235	809
DJ-CLX35-2	15KW	3"	1.5"	363	141	450	551	260	94.8	470	254	78.5	234	235	809	67	222.2	228	797	79.5	233.5	235	809
	18.5KW	3"	1.5"	363	141	450	551	260		470	254	78.5	234	235	809	67	222.2	228	797	79.5	233.5	235	809
DJ-CLX40-1	15KW	3"	2.5"	335	120	450	551	260	94.8	470	254	89.5	246	239	820	78	234.2	228	809	89.5	245.5	238	820
	18.5KW	3"	2.5"	335	120	450	551	261		470	254	89.5	246	239	820	78	234.2	228	809	89.5	245.5	238	820
	22KW	3"	2.5"	335	120	515	583	281		510	279	89.5	241	239	916	78	229.2	228	904	89.5	240.5	238	916
DJ-CLX40-2	30KW	3"	2.5"	335	120	580	655	301	94.8	580	318	89.5	252	239	962	78	240.2	228	950	89.5	251.5	238	962

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# DJ-CLX 系列离心泵数据图(不带外罩)

## DJ-CLX series centrifugal pump data chart(without cover)

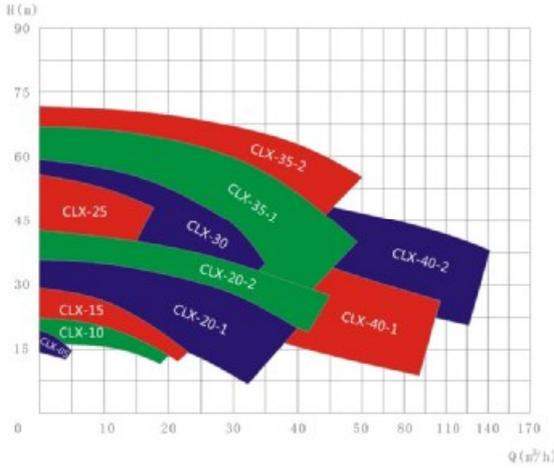


DJ-CLX 系列 DJ-CLX series	泵头规格 Pump head dimension				外形安装尺寸 Assembly Dimension									进/出口连接方式 Inlet / outlet connection								
	功率 Power (KW)	进口 Inlet	出口 Outlet	ΦPB	F	L1	WA	B	B'	C	K	H1	H2	SMS螺纹连接 Thread		INCH卡箍连接 Clamp			DIN螺纹连接 Thread			
														E	L2	HA	E	L2	HA	E	L2	HA
DJ-CLX05	0.37-0.55KW	1"	0.75"	160	53	227	125	100	\	50	10	71	175	51	161	109	53	163	93	51	162	109
	0.75-1.1KW	1"	0.75"	160	53	269	125	100	\	50	10	80	192	51	161	109	53	163	93	51	162	109
DJ-CLX10	1.1KW	1.5"	1.5"	222	77	269	125	100	\	50	10	80	192	66	198	150	58	191	143	66	198	150
	1.5KW	1.5"	1.5"	222	77	285	140	100	\	56	10	90	217	66	198	150	58	191	143	66	198	150
	2.2KW	1.5"	1.5"	222	77	301	140	125	\	56	10	90	217	66	198	150	58	191	143	66	198	150
DJ-CLX15	1.5KW	2"	1.5"	268	100	285	140	100	\	56	10	90	217	66	195	180	59	188	173	67	195	180
	2.2KW	2"	1.5"	268	100	301	140	125	\	56	10	90	217	66	195	180	59	188	173	67	195	180
	3KW	2"	1.5"	268	100	346	160	140	\	63	12	100	240	66	195	180	57	188	173	66	195	180
DJ-CLX20-1 DJ-CLX20-2	3KW	2"	2"	282	101	346	160	140	\	63	12	100	240	75	207	200	67	200	193	76	208	201
	4KW	2"	2"	282	101	351	190	140	\	70	12	112	252	75	207	200	67	200	193	76	208	201
	5.5-7.5KW	2"	2"	282	101	399	216	140	\	89	12	132	301	75	207	200	67	200	193	76	208	201
DJ-CLX25	5.5-7.5KW	2.5"	2"	282	101	399	216	140	\	89	12	132	301	79	211	204	67	200	193	78	210	201
	4KW	2.5"	1.5"	328	128	351	190	140	\	70	12	112	252	72	207	210	61	196	203	71	206	210
DJ-CLX30	5.5-7.5KW	2.5"	1.5"	328	128	399	216	140	\	89	12	132	301	72	207	210	61	195	203	71	206	210
	4KW	2.5"	1.5"	328	128	399	216	140	\	89	12	132	301	72	207	210	61	195	203	71	206	210
DJ-CLX35-1	5.5-7.5KW	2.5"	1.5"	328	128	399	216	140	\	89	12	132	301	72	207	210	61	195	203	71	206	210
	11-15KW	3"	1.5"	363	141	477	254	254	210	108	15	160	413	79.5	276	235	67	265	228	79.5	275	235
DJ-CLX35-2	15KW	3"	1.5"	363	141	477	254	254	210	108	15	160	413	79.5	276	235	67	265	228	79.5	275	235
	18.5KW	3"	1.5"	363	141	477	254	254	210	108	15	160	413	79.5	276	235	67	265	228	79.5	275	235
	15KW	3"	2.5"	335	120	477	254	254	210	108	15	160	413	90	289	239	78	278	228	90	289	239
DJ-CLX40-1 DJ-CLX40-2	18.5KW	3"	2.5"	335	120	477	254	254	210	108	15	160	413	90	289	239	78	278	228	90	289	239
	22KW	3"	2.5"	335	120	573	279	279	241	120	15	180	434	90	289	239	78	278	228	90	289	239
	30KW	3"	2.5"	335	120	618	318	305	267	133	19	200	473	90	289	239	78	278	228	90	289	239

注意：以上数据图相关尺寸不作为实物最终依据，东正保留对于数据更新权限不再另行通知。  
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# DJ-CLX 离心泵曲线图

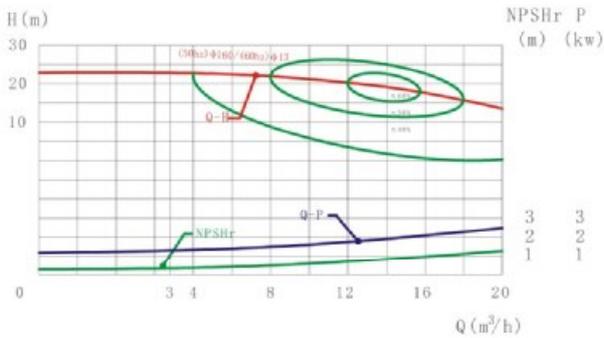
## DJ-CLX centrifugal pump graph



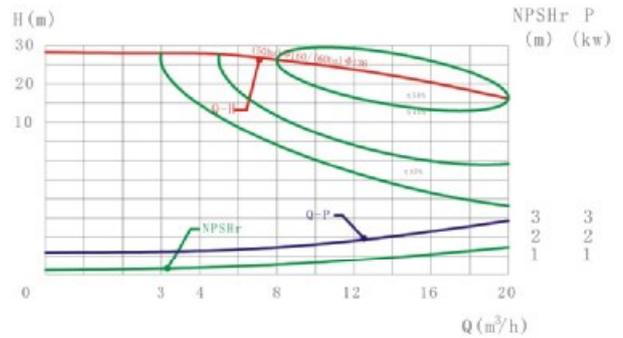
测试条件: 介质清水, 温度20°C, 叶轮转速2900 R.P.M  
 (此曲线图亦适用电机60Hz, 叶轮转速3600R.P.M) Q-流量(m³/H),  
 H-扬程(M), P-功率(KW), η%-泵效率。

Testing condition: medium water, temperature 20 °C, impeller speed 2900 RPM (This graph also applies to motor 60HZ, impeller speed 3600RPM)  
 Q=Flow rate (m³/H), H=head (meter), P=power (KW), η % pump efficiency

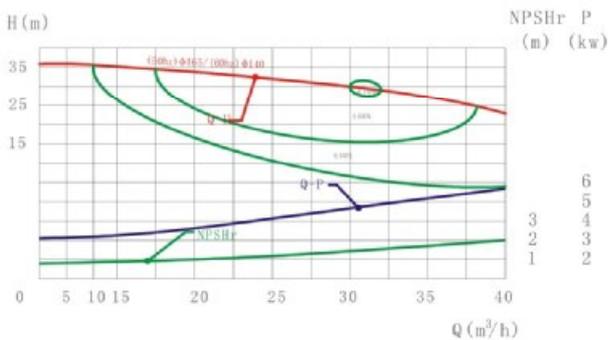
CLX-10(Q-H曲线图/Graph)



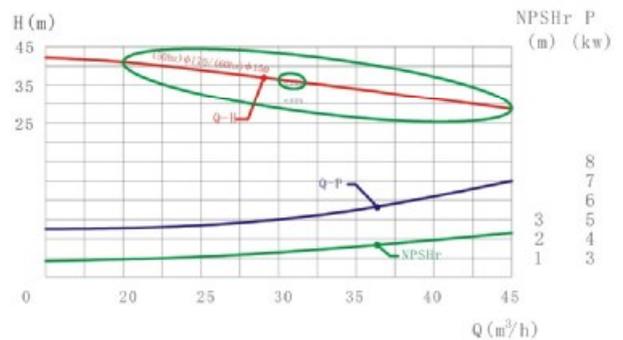
CLX-15(Q-H曲线图/Graph)



CLX-20-1(Q-H曲线图/Graph)



CLX-20-2(Q-H曲线图/Graph)



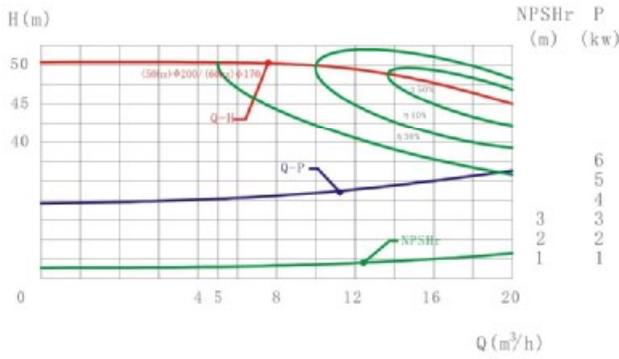
测试条件: 介质清水, 温度20°C, 叶轮转速2900 R.P.M (此曲线图亦适用电机60Hz, 叶轮转速3600R.P.M) Q-流量(m³/H),  
 H-扬程(M), P-功率(KW), η%-泵效率。

Testing condition: medium water, temperature 20 °C, impeller speed 2900 RPM (This graph also applies to motor 60HZ, impeller speed 3600RPM) Q=Flow rate (m³/H), H-head (meter), P=power (KW), η % pump efficiency

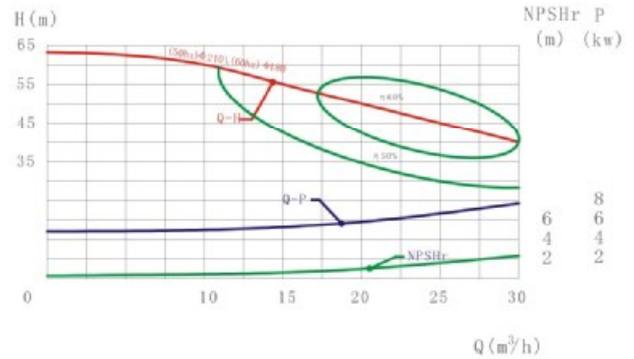
# DJ-CLX 离心泵曲线图

## DJ-CLX centrifugal pump graph

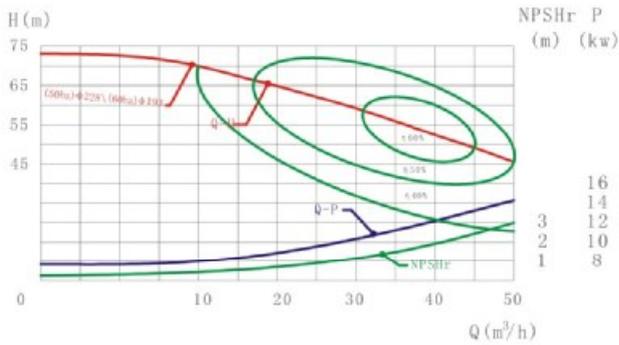
CLX-25(Q-H曲线图/Graph)



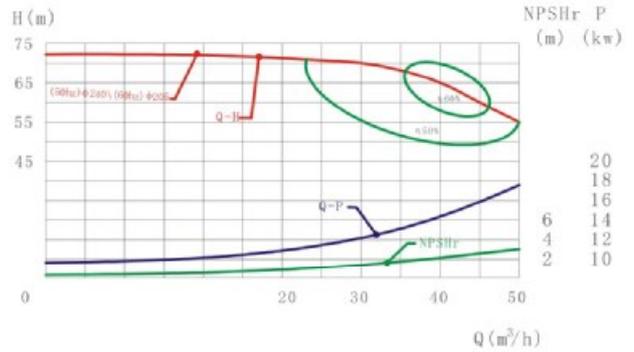
CLX-30(Q-H曲线图/Graph)



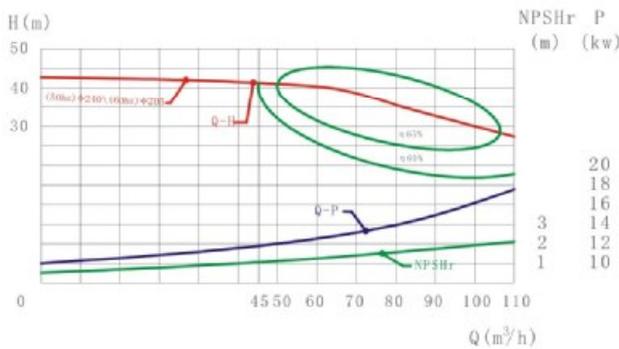
CLX-35-1(Q-H曲线图/Graph)



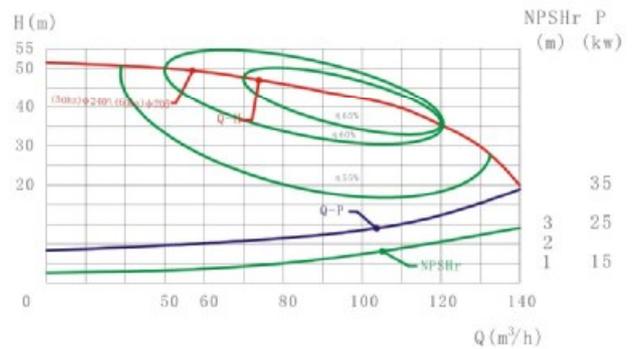
CLX-35-2(Q-H曲线图/Graph)



CLX-40-1(Q-H曲线图/Graph)



CLX-40-2(Q-H曲线图/Graph)



测试条件: 介质清水, 温度20℃, 叶轮转速2900 R.P.M (此曲线图亦适用电机60Hz, 叶轮转速3600R.P.M) Q-流量(m<sup>3</sup>/H), H-扬程(M), P-功率(KW), η%-泵效率。

Testing condition: medium water, temperature 20 °C, impeller speed 2900 RPM (This graph also applies to motor 60HZ, impeller speed 3600RPM) Q-Flow rate (m<sup>3</sup>/H), H-head (meter), P-power (KW), η % pump efficiency

# DJ-SCLX 系列离心泵

## DJ-SCLX series centrifugal pump

高效率、低噪音、不锈钢电机、IP69防护、可潜水、卡箍泵头、易清洁、整机可冲洗、维护简单经济、高洁净的解决方案  
 Solution for high efficiency, low noise, stainless steel motor, IP69 proof, diving, clamp pump head, easy to clean, whole machine washable, simple and economical maintenance, high purity



DONJOY DJ-SCLX离心泵是基于SKS离心泵基础上技术升级一款全不锈钢设计的离心泵，包含电机也是不锈钢，它不仅优化了内部结构、叶轮设计、死角处理、机封压力平衡设计且机封完全被处在冲洗区域。我们还对泵外部卫生也进行了优化，使其内部更加卫生、外部减少死角，由于没有死角区域，它非常容易被CIP清洗、SIP杀菌等。另外我们对DJ-SCLX系列泵保持了最大的灵活性组合应用，如，泵出口角度可以从0° -360°之间任意调整，泵盖采用卡箍式连接，这样对泵维护和保养及机封的更换，保持了高效，降低了人员高度专业性的要求，而完成这些无需特殊的工具。因而达到了、高效、卫生、高可靠性及低成本的目的，使DJ-SCLX系列离心泵成为一款高性能的泵。

DONJOY DJ-SCLX series centrifugal pump is upgraded from SKS in ss whole, including motor, not only optimize the internal structure, such as impeller design, dead angle treatment, mechanical seal is designed as pressure balance and completely in flushing area, but also optimize external sanitation of the pump, which makes internal absolute sanitation and reduce external dead angle. Since there is no dead angle area, it is easy to be cleaned by CIP and sterilized by SIP. In addition, DJ-SCLX series pump, has kept the maximum flexibility of combined applications, for example, the pump outlet angle can be arbitrarily adjusted from 0° to 360°, Pump cover is connected by a clamp, which keeps high efficiency in the maintenance of the pump and replacement of mechanical seal without special tool, and reduces the highly professional requirements to maintenance personnel. Therefore, the DJ-SCLX series centrifugal pump has achieved the goal of high efficiency, hygiene, high reliability and low cost, making it a high performance pump.

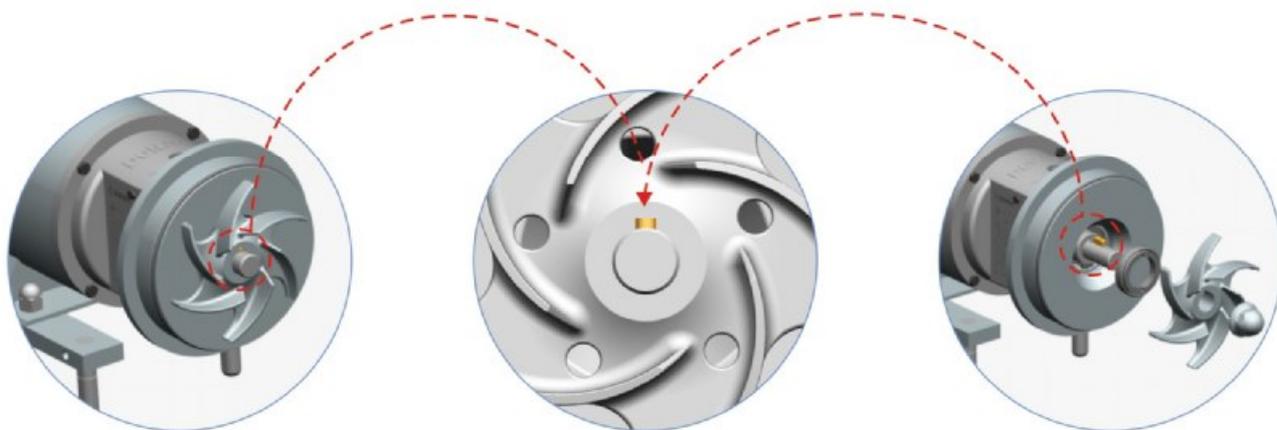
### 技术参数 Technical Specifications

最大流量 Max flow rate	120m <sup>3</sup> /h
最高扬程 Max head	70 M
温度 Temperature	-20℃到140℃
功率 Power	0.37KW-22KW
材质 Material	304 /316L, 1.4301/1.4404, ASME BPE 316L, 1.4435 BN2 Fe≤0.5%
表面处理 Surface treatment	≤ Ra0.8 μm, ≤ Ra0.6 μm, ≤ Ra0.4 μm
机封 Mechanical seal	单机封、双机封 Single mechanical seal, double mechanical seal, 详见配置单 See Configuration Table
进出口连接 Inlet/Outlet connection	螺纹、卡箍、法兰、无菌法兰 Threaded, Clamped, Flanged, Aseptic flange
认证 Certification	3-A-02-10(N.O.1579); MD/06/42-EC (N.O.70521616101-00); FDA 177.2600; USP CLASS-II; EG/VO1935/2004

## DJ-SCLX 系列离心泵 DJ-SCLX series centrifugal pump



非常简单的维护、无需专用工具、专业人员  
Very simple maintenance, no special tools required,  
no professionals required



### 技术优势

- 维护拆卸和安装时，无需专业人员和专用工具，即可完成。
- 初始使用安装调试时，即使出现短暂反向旋转也不会损坏。
- 叶轮和轴之间是通过键槽连接固定，叶轮和机封动环之间是通过销钉固定，机封静环和泵体之间是通过异形法兰固定。
- 兼容单机封和双机封，只需要更换机封即可实现。

### Technical Advantages

- Maintenance disassembly and installation can be completed without professional staff and special tools.
- Initial use of installation debugging, even if a short reverse rotation will not be damaged.
- Impeller and shaft are connected by keyway; impeller and mechanical seal rotating ring are connected by pin; mechanical seal static ring and pump body are connected by special-shaped flange.
- Compatible with single and double machine seal, only need to change machine seal.

# DJ-SCLX 系列离心泵各种配置

## DJ-SCLX series centrifugal pump various configurations



卡箍式进/出口  
Clamp Inlet/Outlet



螺纹接口  
Thread Inlet/Outlet



由任螺母  
Union Inlet/Outlet



无菌法兰(DIN 11864)进/出口  
Aseptic Flange (DIN 11864) Inlet/Outlet



出口可任意调整角度-0-360°  
The exit can be adjusted to any angle -0-360°

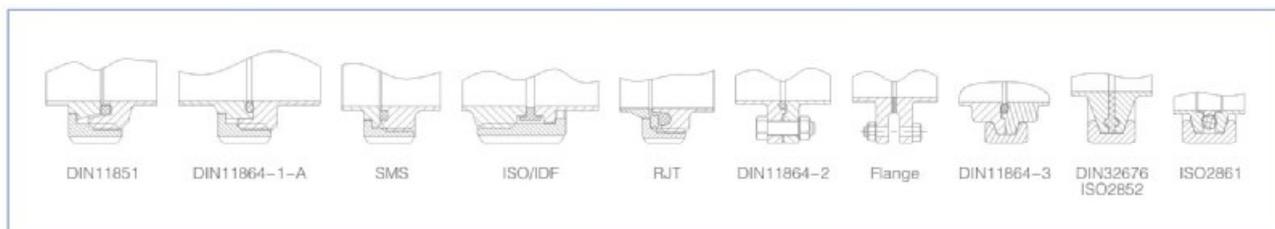


### 泵进口/出口连接标准

连接方式：螺纹 卡箍 法兰 无菌法兰 KF等。  
标准：DIN SMS ISO IDF RJT ASME BPE 3A I-line。

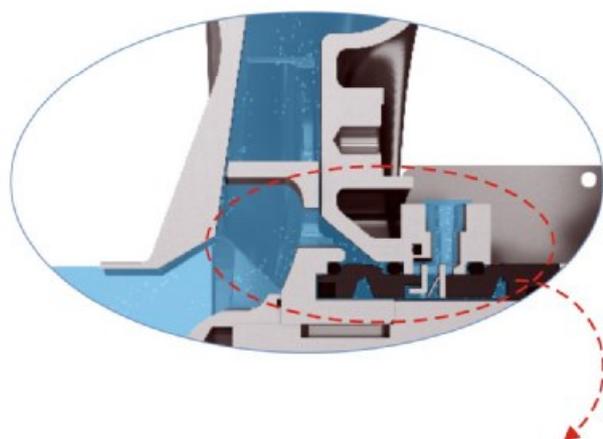
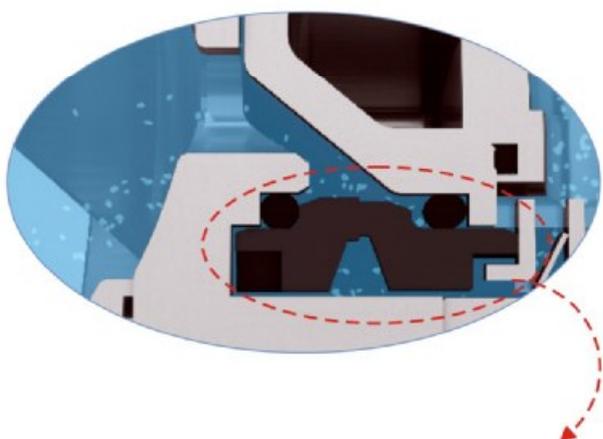
### Pump Inlet/outlet Connection Standard

Connection: Threaded, Clamped, Flanged, Aseptic flange, KF, etc.  
Standard: DIN SMS ISO IDF RJT ASME BPE 3A I-line.



# DJ-SCLX 系列离心泵机封设计

## DJ-SCLX series centrifugal pump mechanical seal design



### 机封系统

DONJOY DJ-SCLX 系列离心泵机封，联合欧洲瑞典著名公司合作研发，机封设计具有压力平衡设计、超长使用寿命、极易拆装维护、无需特殊专用工具，卫生洁净符合和认证：欧盟 EHEDG，美国 3-A-02-11，FDA1772600 等高洁净要求。并有丰富的机封配置方案。

### Mechanical Seal Features

Donjoy DJ-SCLX series centrifugal pump mechanical seal is researched and developed together with European Swedish famous company. The mechanical seal is designed with pressure balance and super long working life, can be disassembled and maintained easily without special tools. The sanitary purity is according to EU EHEDG, USA 3-A-02-11, FDA1772600 and so on. and has lots of configuration.

### 机封配置 Mechanical Seal Configuration

1) SIC/C/EPDM	标准配置 Standard
2) SIC/C/FKM	选型配置 Optional
3) SIC/C/HNBR	
4) SIC/SIC/EPDM	
5) SIC/SIC/FKM	
6) SIC/SIC/HNBR	
7) TC/TC/EPDM	
8) TC/TC/FKM	
9) TC/TC/HNBR	

注意：以上配置适用于单机封和双机封。  
Note: Above configurations is suitable for single and double mechanical seal

## DJ-SCLX 系列离心泵机封设计

### DJ-SCLX series centrifugal pump mechanical seal design



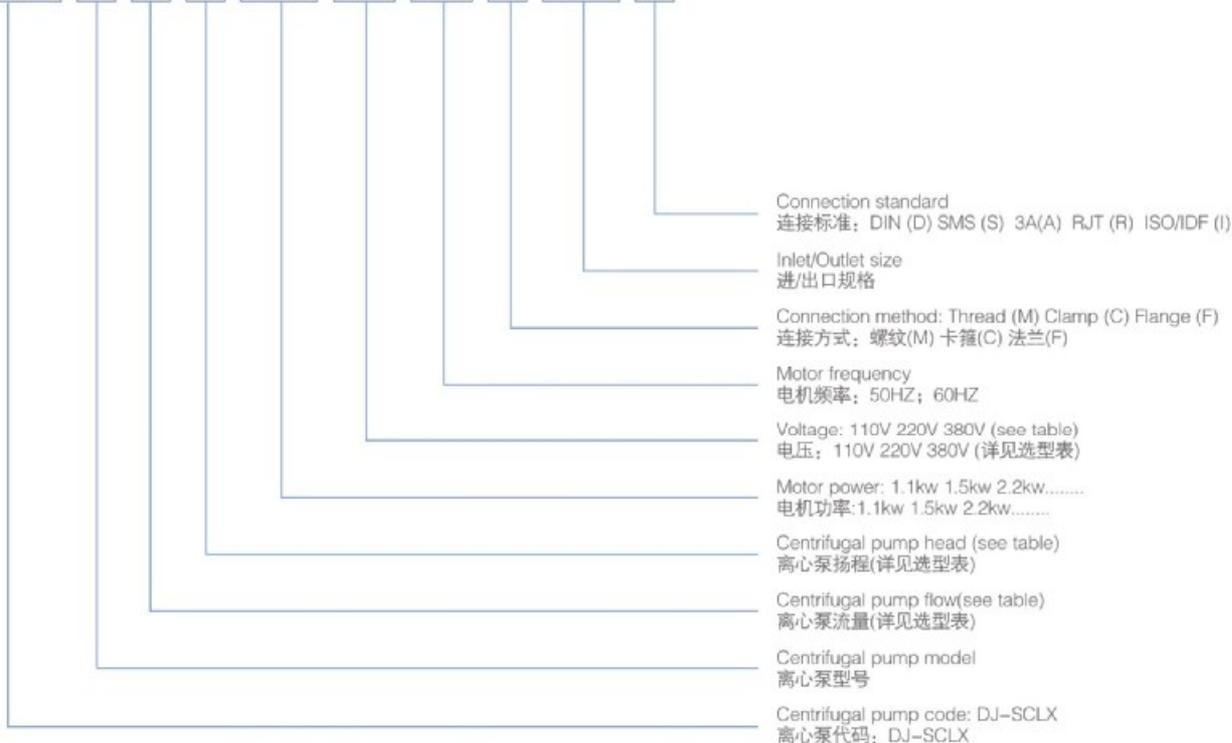
SCLX系列采用卡箍式泵头连接方式，拆卸、维修、管道连接以及各种应用组合非常的灵活。  
The SCLX series is equipped with a clamp-type pump head connection, which is very flexible for disassembly, repair, pipe connection and various application combinations.

# DJ-SCLX 离心泵型号说明

## DJ-SCLX centrifugal pump model instruction



DJ-SCLX 10 6T 22 1.5KW 380V 50HZ M 1.5/1.5 S



For example:  
举例: DJ-SCLX-10-6T-22-1.5KW-380V-50HZ-M-1.5/1.5-S

# DJ-SCLX 离心泵选型表

## DJ-SCLX centrifugal pump selection table

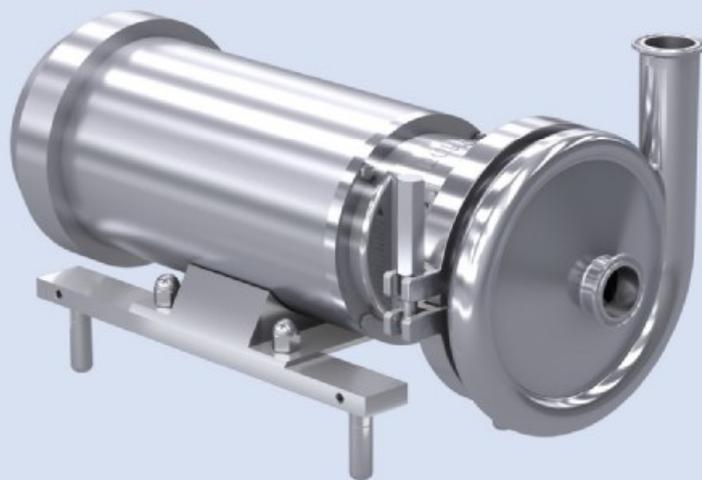


型号 Model	功率 Power	流量 Flow (m <sup>3</sup> /h)	扬程 Head (M)	进口/ 出口 Inlet/ Outlet	kg
DJ-SCLX-10	1.1KW	3	22	1.5"/1.5"	35.7
	1.1KW	5	22		35.7
	1.5KW	3	22		45.1
	1.5KW	5	22		45.1
	1.5KW	8	22		45.1
	1.5KW	9	22		45.1
	1.5KW	12	20		45.1
	1.5KW	15	18		45.1
	2.2KW				45.8
	2.2KW	18	16		45.8
DJ-SCLX-15	1.5KW	3	28	2"/1.5"	48.5
	1.5KW	5	28		48.5
	1.5KW	8	26		48.5
	2.2KW				48.5
	2.2KW	10	25		48.5
	2.2KW	15	22		48.5
	2.2KW	18	18		48.5
	3.0KW				58
	2.2KW	20	16		48.5
	3.0KW				58

型号 Model	功率 Power	流量 Flow (m <sup>3</sup> /h)	扬程 Head (M)	进口/ 出口 Inlet/ Outlet	kg
DJ-SCLX-20-1	2.2KW	5	36	2"/2"	30.0
	3.0KW				60.0
	3.0KW				60.0
	4.0KW				70.4
	4.0KW	10	36		70.4
	4.0KW	15	35		70.4
	4.0KW	20	33		70.4
	4.0KW	25	30		70.4
	5.5KW	25	30		112.0
	5.5KW	30	30		112.0
5.5KW	38	22	2.5"-2"	112.0	
DJ-SCLX20-2	5.5KW	20	40	2"/2"	111.0
	5.5KW	25	37		111.0
	5.5KW	30	36	2.5"-2"	111.0
	5.5KW	36	32		111.0
	7.5KW	40	30		111.0
	7.5KW	45	28		111.0
	4.0KW	5	50		2.5"/1.5"
5.5KW	10	50	111.0		
5.5KW	15	48	111.0		
DJ-SCLX-25	5.5KW	20	45		111.0

# DJ-SCLX 离心泵选型表

## DJ-SCLX centrifugal pump selection table

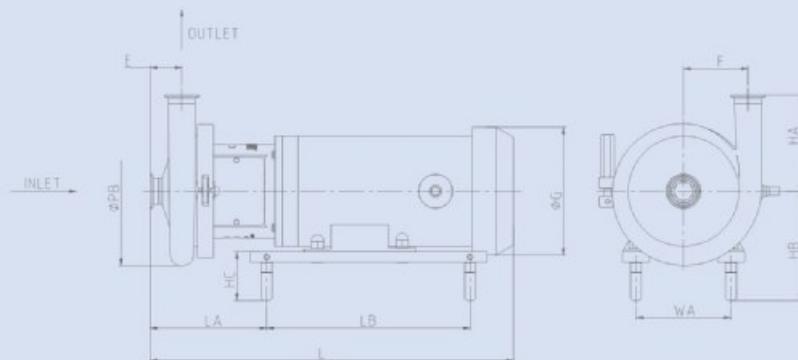


型号 Model	功率/电流 Power/current	流量 Flow (m³/h)	扬程 Head (M)	进口/ 出口 Inlet/ Outlet	kg
DJ-SCLX-30	5.5KW	10	60	2.5"-1.5"	111
	5.5KW	15	55		111
	5.5KW	20	50		111
	7.5KW				112
	7.5KW	25	45		112
	7.5KW	30	40		112
DJ-SCLX-35-1	11KW	10	70	3"-1.5"	146
	11KW	15	65		146
	11KW	20	65		146
	11KW	25	60		146
	11KW	30	60		146
	11KW	35	55		146
	15KW	40	50		159
	15KW	45	50		159
	15KW	50	45		159
	15KW	20	70		159
DJ-SCLX-35-2	15KW	25	70	3"-1.5"	159
	15KW	30	70		159
	15KW	35	65		159
	15KW	40	65		159
	18.5KW	45	60		174
	18.5KW	50	55		174

型号 Model	功率 Power	流量 Flow (m³/h)	扬程 Head (M)	进口/ 出口 Inlet/ Outlet	kg
DJ-SCLX40-1	11KW	45	42	3"/2.5"	143
	11KW	50	42		143
	15KW	60	40		156
	15KW	65	40		156
	15KW	70	38		156
	15KW	80	35		156
	15KW	90	33		156
	18.5KW	100	30		172
DJ-SCLX-40-2	18.5KW	110	28	3"/2.5"	172
	15KW	50	50		164
	15KW	60	48		164
	18.5KW	70	47		189
	18.5KW	80	46		189
	22KW	85	45		219
	22KW	90	44		219
	22KW	100	43		219
	22KW	110	40		219
	22KW	120	35		219

# DJ-SCLX 系列离心泵数据图

## DJ-SCLX series centrifugal pump data chart



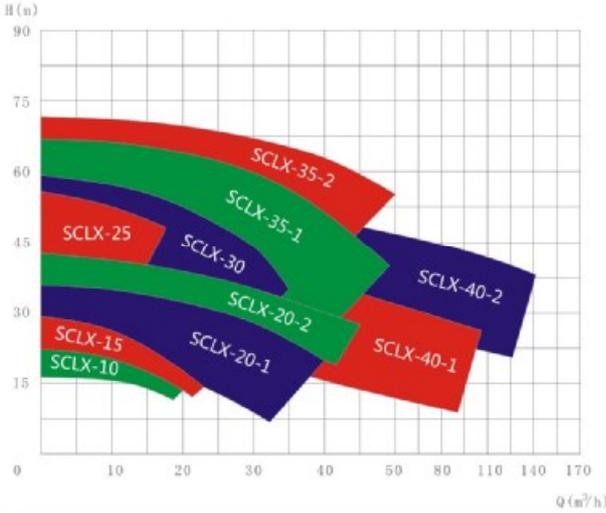
型号 Type	外形安装尺寸 Assembly Dimension										进/出口连接方式 Inlet / outlet connection											
	功率 Power (KW)	进口 Inlet	出口 Outlet	ΦPB	F	G	HC	LB	WA	HB	SMS螺纹连接 Thread				INCH卡箍连接 Clamp				DIN螺纹连接 Thread			
											E	LA	L	HA	E	LA	L	HA	E	LA	L	HA
SCLX10	1.1KW	1.5"	1.5"	222	76.5	165	72	300	125	152	66	160	464	150	58	152	457	143	66	160	464	150
	1.5KW	1.5"	1.5"	222	76.5	190	72	300	140	162	66	160	539	150	58	152	532	143	66	160	539	150
	2.2KW	1.5"	1.5"	222	76.5	190	72	300	140	162	66	160	539	150	58	152	532	143	66	160	539	150
SCLX15	1.5KW	2"	1.5"	268	99.5	190	72	300	140	162	66	186	536	180	59	179	529	173	67	187	536	181
	2.2KW	2"	1.5"	268	99.5	190	72	300	140	162	66	186	536	180	59	179	529	173	67	187	536	181
	3KW	2"	1.5"	268	99.5	196	72	300	160	172	66	185	581	180	59	177	574	173	67	186	580	181
SCLX20-I	2.2KW	2"	2"	282	101	190	72	300	140	162	74.5	193	552	200	67	186	545	193	76	194	553	201
	3KW	2"	2"	282	101	196	72	300	160	172	74.5	176	593	200	67	167	587	193	76	177	594	201
	4KW	2"	2"	282	101	240	72	350	190	184	74.5	169	625	200	67	162	617	193	76	170	626	201
SCLX20-II	5.5KW	2"/2.5"	2"	282	101	240	72	450	216	204	74.5	191	766	200	67	184	759	193	76	192	767	201
	7.5KW	2.5"	2"	282	101	280	72	450	216	204	78.5	195	770	200	71	188	763	193	80	196	771	201
SCLX25	4KW	2.5"	1.5"	282	128	240	72	350	190	184	72	165	625	210	61	154	616	203	71	164	624	210
	5.5KW	2.5"	1.5"	282	128	240	72	450	216	204	72	187	762	210	61	176	753	203	71	186	761	210
SCLX30	7.5KW	2.5"	1.5"	282	128	280	72	450	216	204	72	191	766	210	61	179	757	203	71	192	767	210
SCLX35-I	11KW	3"	1.5"	363	141	330	72	550	254	232	79.5	168	881	235	67	156	868	226	80	168	881	235
	15KW	3"	1.5"	363	141	330	72	550	254	232	79.5	168	881	235	67	156	868	226	80	168	881	235
SCLX35-II	15KW	3"	1.5"	363	141	330	72	550	254	232	79.5	168	881	235	67	156	868	226	80	168	881	235
SCLX40-I	11KW	3"	2.5"	335	120	330	72	550	254	232	89.5	186	899	239	78	174	887	228	90	186	899	239
	15KW	3"	2.5"	335	120	330	72	550	254	232	89.5	186	899	239	78	174	887	228	90	186	899	239
SCLX40-II	15KW	3"	2.5"	335	120	330	72	550	254	232	89.5	186	899	239	78	174	887	228	90	186	899	239
	18.5KW	3"	2.5"	335	120	330	72	550	254	232	89.5	186	899	239	78	174	887	228	90	186	899	239

注意：以上数据图相关尺寸不作为实物最终依据，东正保留对于数据更新权限不再另行通知。

Note: The relevant dimensions of the above data diagrams are not regarded as the final basis of the actual object. DONJOY reserves the right to update the data without further notice.

# DJ-SCLX 离心泵曲线图

## DJ-SCLX centrifugal pump graph

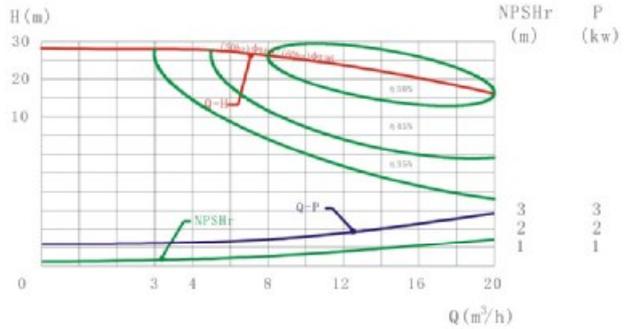
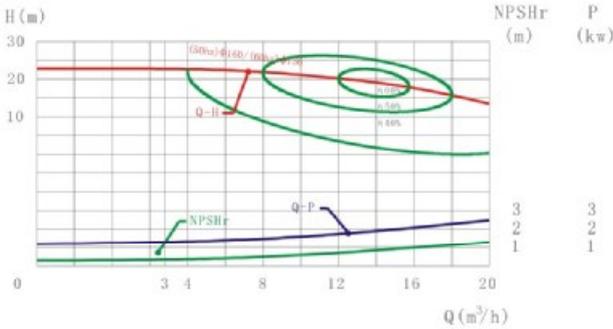


测试条件:  
 介质清水, 温度20℃, 叶轮转速2900 R.P.M  
 (此曲线图亦适用电机60Hz, 叶轮转速3600R.P.M)  
 Q-流量(m³/H), H-扬程(M), P-功率(KW), η%-泵效率。

Testing condition:  
 medium water, temperature 20 °C, impeller speed 2900 RPM  
 (This graph also applies to motor 60HZ, impeller speed 3600RPM)  
 Q-Flow rate (m³/H), H-head(meter), P-power (KW), η % pump efficiency

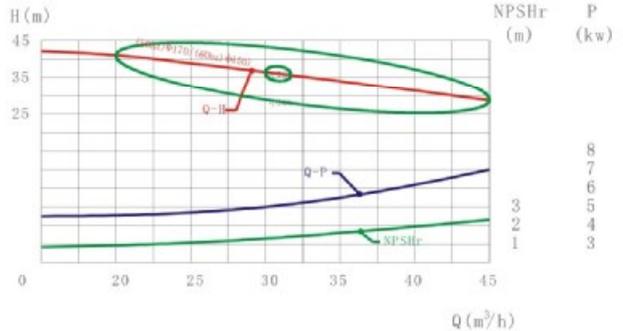
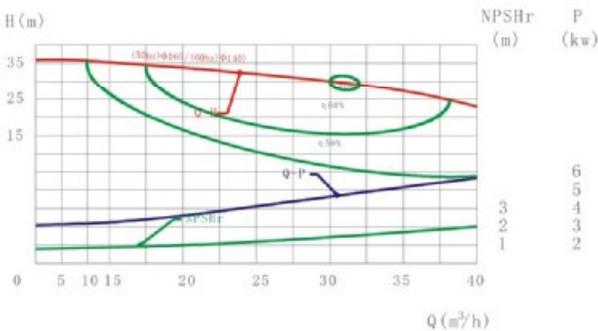
SCLX-10(Q-H曲线图/Graph)

SCLX-15(Q-H曲线图/Graph)



SCLX-20-1(Q-H曲线图/Graph)

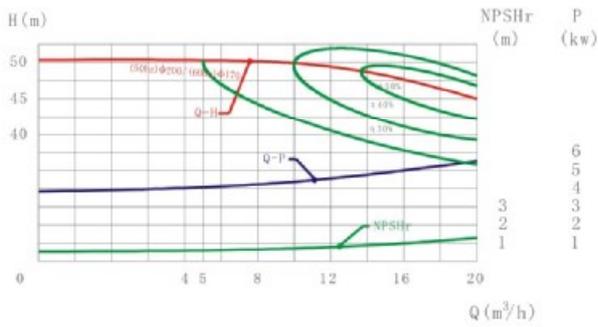
SCLX-20-2(Q-H曲线图/Graph)



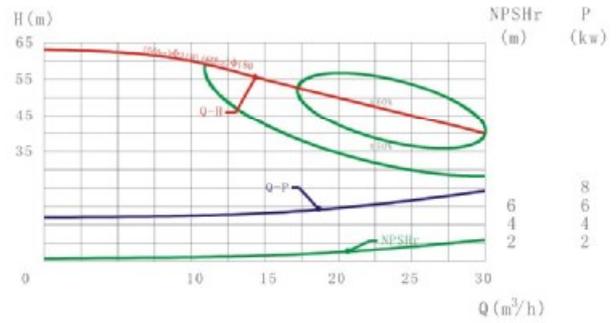
测试条件: 介质清水, 温度20℃, 叶轮转速2900 R.P.M (此曲线图亦适用电机60Hz, 叶轮转速3600R.P.M)  
 Q-流量(m³/H), H-扬程(M), P-功率(KW), η%-泵效率。

Testing condition: medium water, temperature 20 °C, impeller speed 2900 RPM (This graph also applies to motor 60HZ, impeller speed 3600RPM)  
 Q-Flow rate (m³/H), H-head(meter), P-power (KW), η % pump efficiency

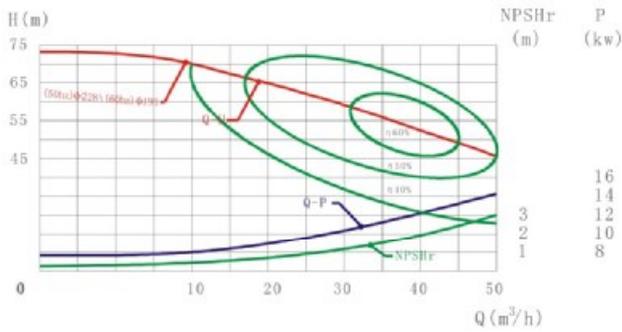
SCLX-25(Q-H曲线图/Graph)



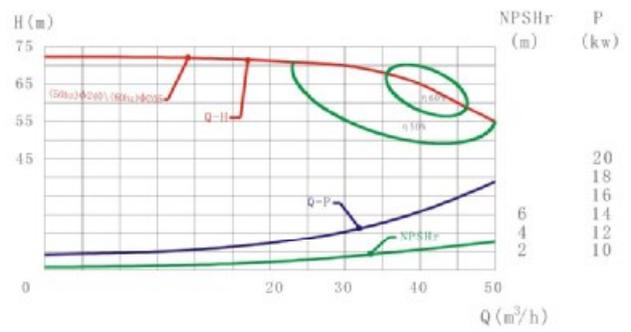
SCLX-30(Q-H曲线图/Graph)



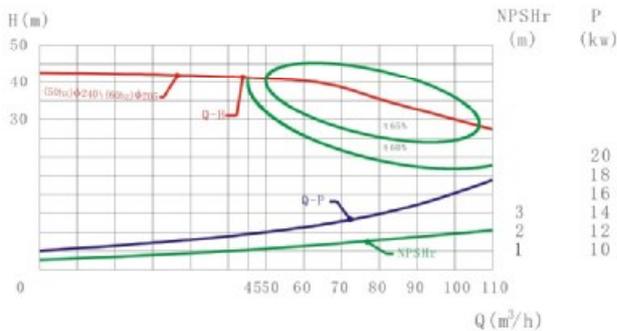
SCLX-35-1(Q-H曲线图/Graph)



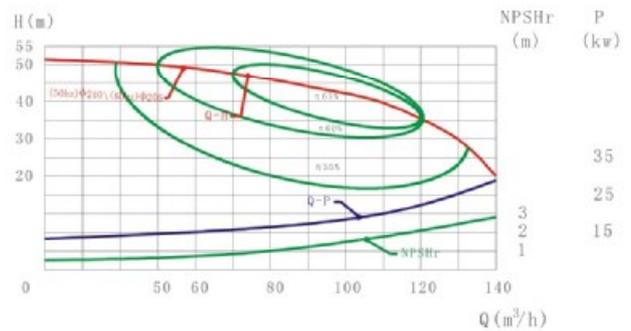
SCLX-35-2(Q-H曲线图/Graph)



SCLX-40-1(Q-H曲线图/Graph)



SCLX-40-2(Q-H曲线图/Graph)



测试条件: 介质清水, 温度20℃, 叶轮转速2900 R.P.M (此曲线图亦适用电机60Hz, 叶轮转速3600R.P.M)

Q-流量(m<sup>3</sup>/H), H-扬程(M), P-功率(KW), η%-泵效率。

Testing condition: medium water, temperature 20 °C, impeller speed 2900 RPM (This graph also applies to motor 60HZ, impeller speed 3600RPM) Q-Flow rate (m<sup>3</sup>/H), H-head(meter), P-power (KW), η % pump efficiency



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## 东正科技有限公司 DONJOY TECHNOLOGY CO., LTD

地址: 温州空港新区港富路25号  
总机: 0577 8699 0888  
传真: 0577 8699 8000

ADD: No.25 Gangfu Road, Konggang  
New District, Longwan, Wenzhou, China  
TEL: +86 577 8699 0888  
FAX: +86 577 8699 8000  
E-mail: donjoy@cndonjoy.com

[www.cndonjoy.com](http://www.cndonjoy.com)

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