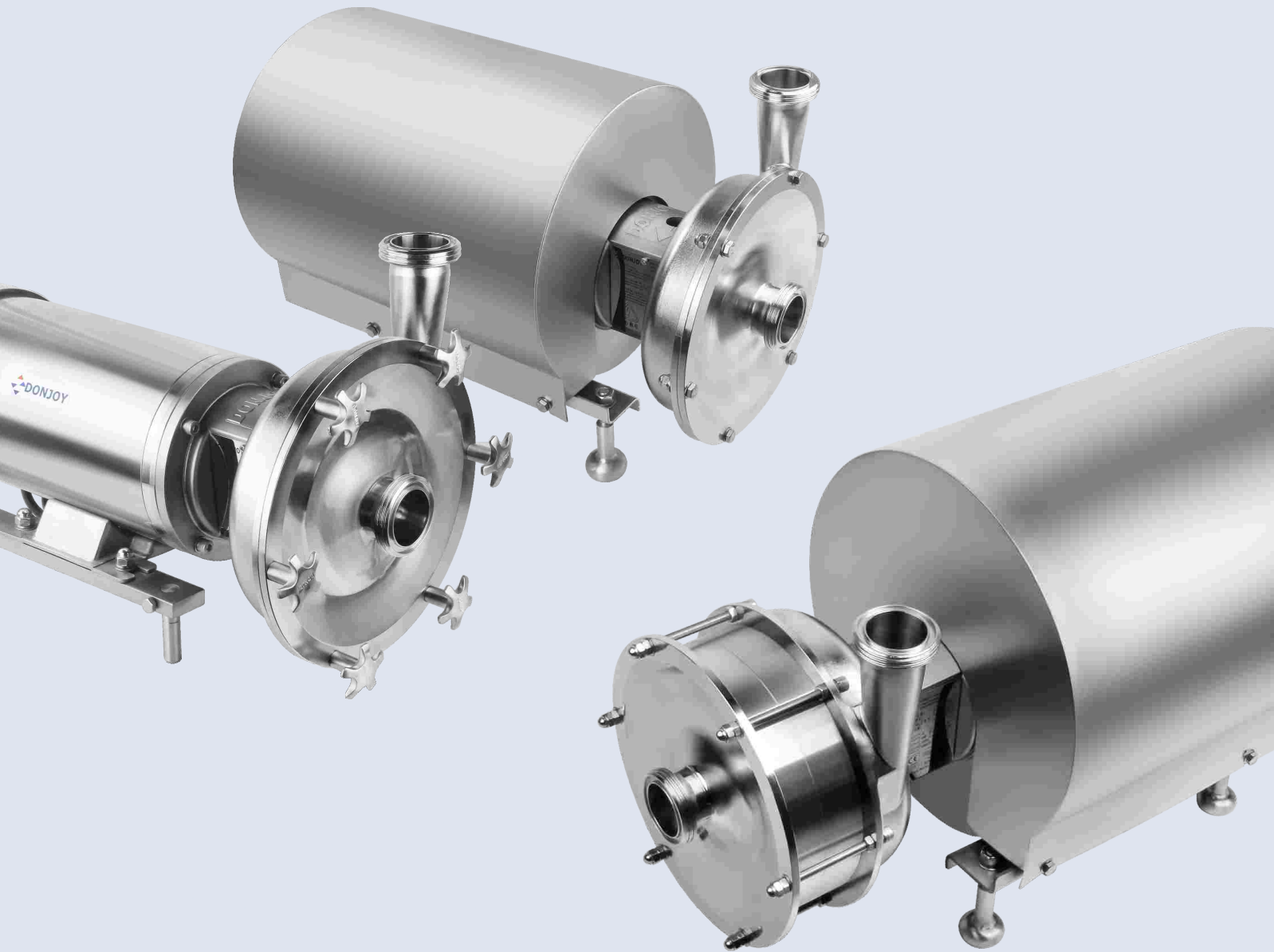


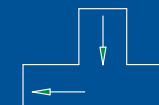
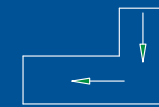
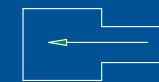
Centrifugal pumps

2022 / 离心泵 / 系列



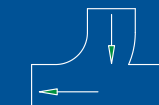
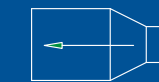
THE EFFECT OF PIPE CONNECTIONS ON PUMP USAGE 工艺管道连接对泵使用的影响

错误的管道连接
Wrong pipe connection



D-02

正确的管道连接
Correct pipe connection



泵进口/出口的连接建议

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，管径变化越小局部阻力损失越小。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

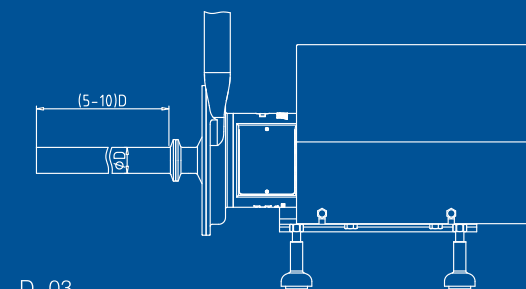
Liquid in the pipeline will have energy loss, divided into along damage and local resistance damage, which will eventually affect the flow and head loss. Therefore, the smoother the inner part of the pipeline, the smaller the damage along the path; the smaller the diameter change, the smaller the local 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)

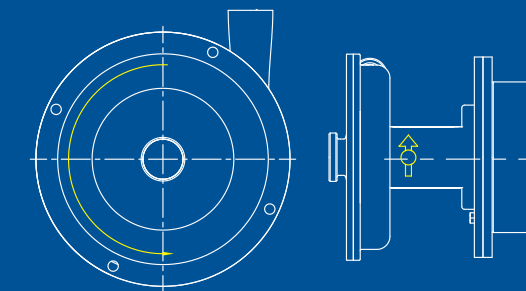
Suggestions for pump inlet/outlet connection distance

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))



D-03

泵旋转方向 Pump rotation direction



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.



国家高新技术企业 浙江省著名商标

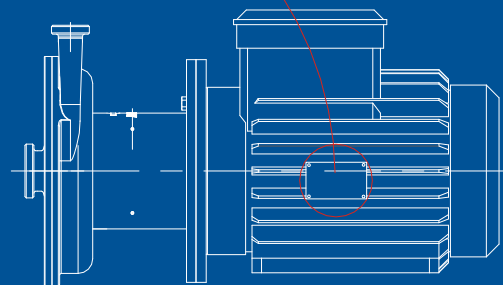


THE EFFECT OF PIPE CONNECTIONS ON PUMP USAGE 工艺管道连接对泵使用的影响

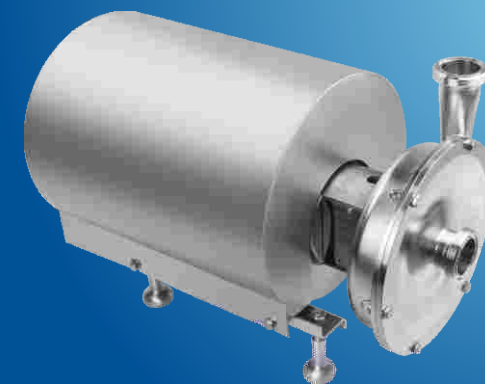
DJ-LX SERIES CENTRIFUGAL PUMP DJ-LX系列离心泵

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

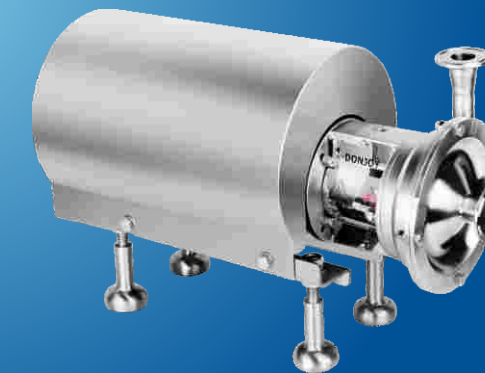
ABB		IE3 IEC 60034-1						
3-Motor		IE3 M2BAX 160MLA4	IMB3/IM1001					
No.	V	Hz	kw	r/min	A	cosφ	F	IP55
690Y	50	11	1477	12.3	0.82	S1		
400▲	50	11	1477	21.2	0.82	S1		
690Y	50	11	1474	12.7	0.83	S1		
380▲	50	11	1474	22.0	0.83	S1		
440▲	60	11	1778	18.8	0.83	S1		
460▲	60	11	1777	18.2	0.82	S1		
50Hz:IE3-91.4(100%)								
Prod.code		3GBA 162410-ADFCN						
6209-2Z/C3		6029-2Z/C3		139kg				



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.



LX-10-40



LX-05

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	630V-690V/50HZ
1.1-1.5	360V-400V/50HZ	15-18.5	420V-460V/60HZ
2.2-3.0	420V-460V/60HZ	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℃ 到 130℃; 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℃ 到 150℃; 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℃ 到 250℃; 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℃ 到 150℃; 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.



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° -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-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° 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-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	1m³/h-140m³/h
扬程 Head	70M
温度 Temperature	-20℃到140℃ From -20℃ to 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% 双相钢 Dual-phase steel 2205, 哈氏合金 Hastelloy alloy C276
表面处理 Surface treatment	≤ Ra0.8 μm, ≤ Ra0.6 μm, EP ≤ Ra0.4 μm
机封 Mechanical seal	单机封、双机封, 详见配置单 Single mechanical seal, double mechanical seal, details 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-02-12(N.O.1579); MD/06/42-EC(N.O.70521616101-00); FDA 177.2600; USP CLASS-II; EG/VO1935/2004

DJ-LX SERIES

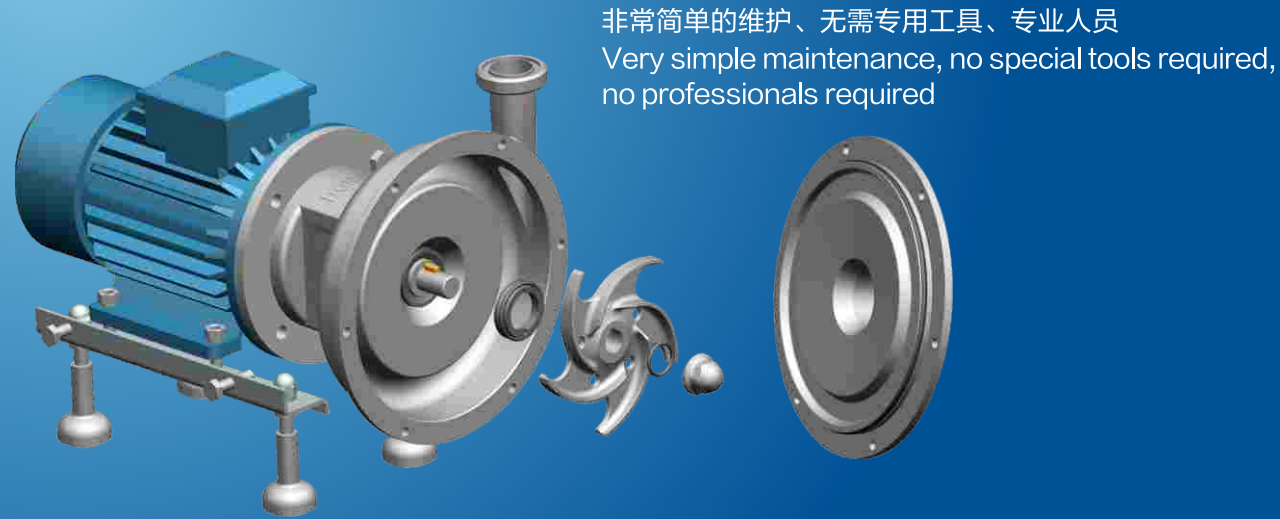
CENTRIFUGAL PUMP

DJ-LX 系列离心泵

DJ-LX SERIES

CENTRIFUGAL PUMP VARIOUS CONFIGURATIONS

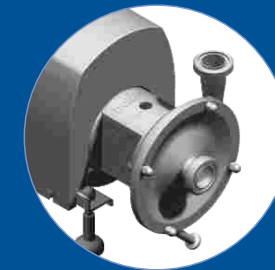
DJ-LX 系列离心泵各种配置



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



手轮螺母
Hand wheel nut



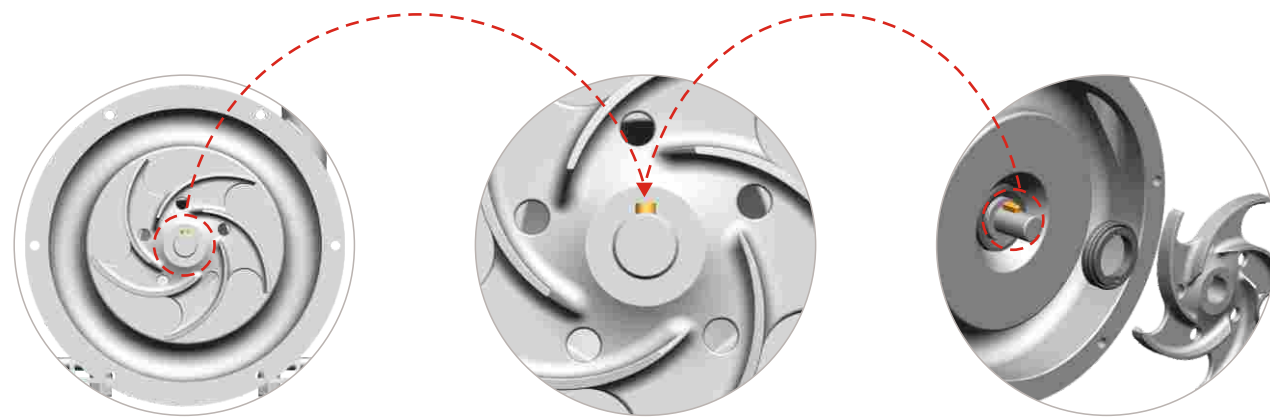
最低弯头排放接口
Bottom elbow discharge outlet



最低直管排放接口
Bottom straight discharge outlet



法兰连接进/出口
Flange inlet / outlet

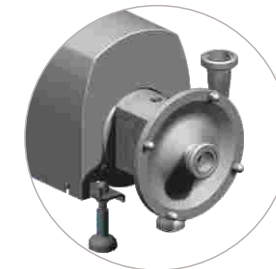


技术优势

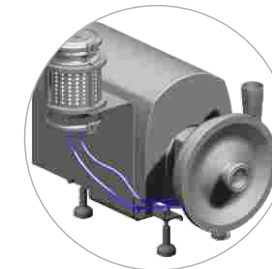
- ◆ 维护拆卸和安装时，无需专业人员和专用工具，即可完成。
- ◆ 初始使用安装调试时，即使出现短暂反向旋转也不会损坏。
- ◆ 叶轮和轴之间是通过键槽连接固定，叶轮和机封动环之间是通过销钉固定，机封静环和泵体之间是通过异形法兰固定。
- ◆ 兼容单机封和双机封，只需要更换机封即可实现。

Technical Advantages

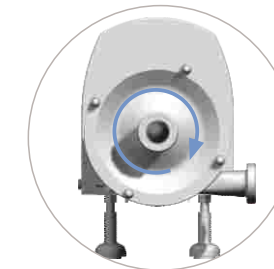
- ◆ Maintenance disassembly and installation can be completed without professional staff and special tools.
- ◆ Initial use of installation debugging, even if a short reverse rotation will not be damaged.
- ◆ Impeller and shaft are connected by keyway; impeller and mechanical seal rotating ring are connected 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.



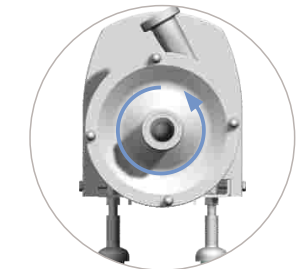
无菌法兰(DIN 11864)进/出口
Aseptic Flange (DIN 11864)
Inlet/Outlet



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



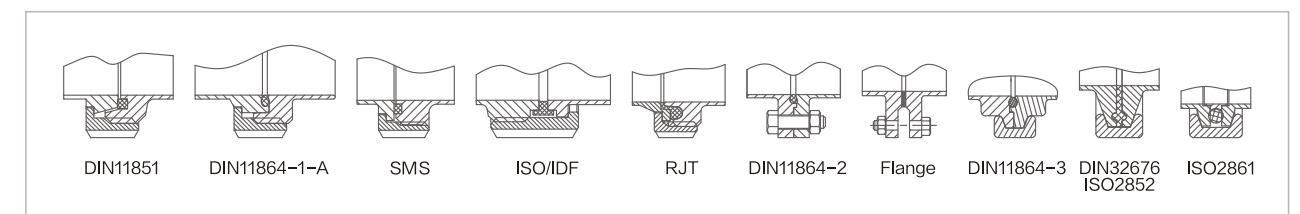
90° ...135° 倾斜出口
90° ...135° inclined outlet

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



DJ-LX SERIES

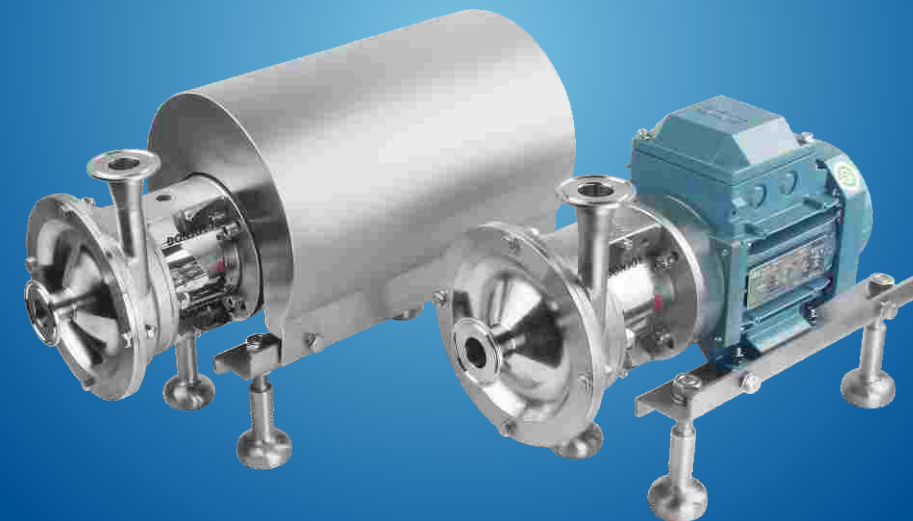
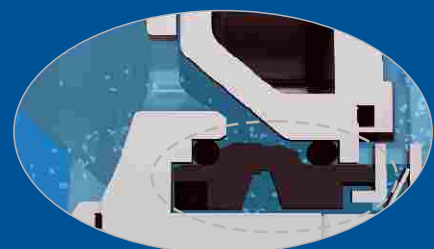
CENTRIFUGAL PUMP MECHANICAL SEAL DESIGN

DJ-LX系列离心泵机封设计

DJ-LX-05

MINI CENTRIFUGAL PUMP

DJ-LX-05迷你型离心泵



双机封设计
Double mechanical seal design

单机封设计
Single 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-02-12, FDA1772600 等高洁净要求。并有丰富的机封配置方案。

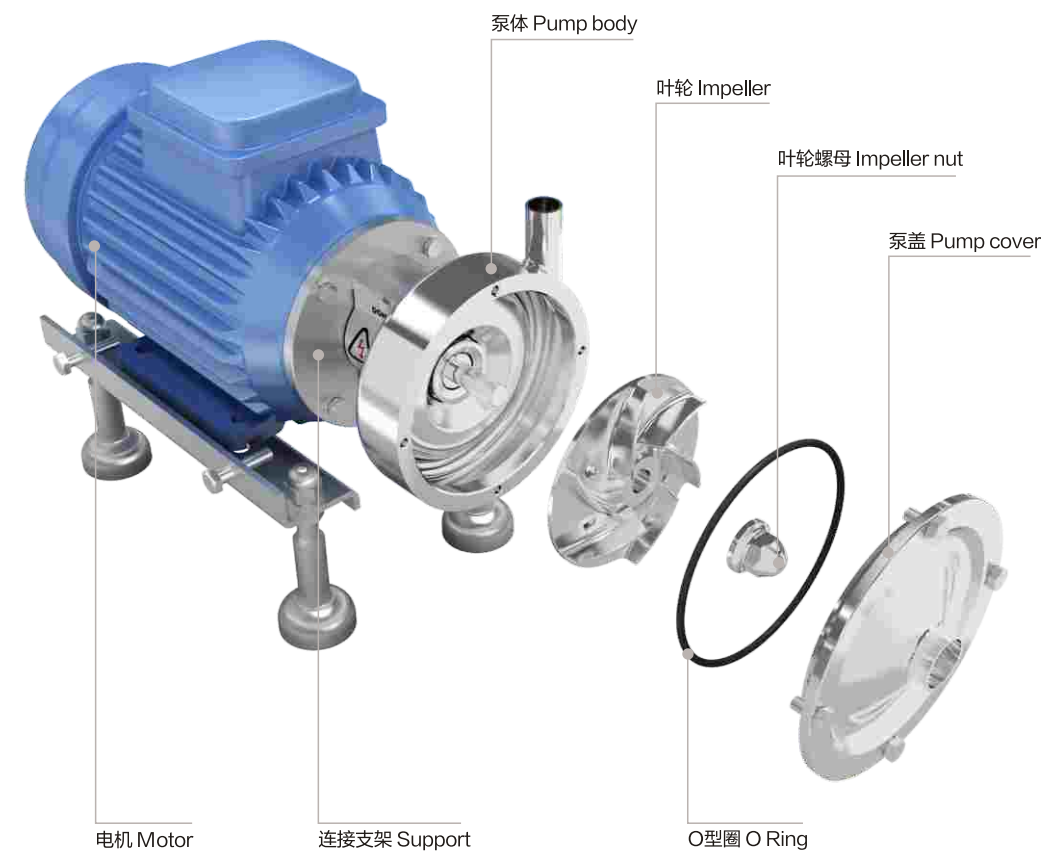
Mechanical Seal Features

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-02-12, 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



电机 Motor

连接支架 Support

O型圈 O Ring

泵体 Pump body

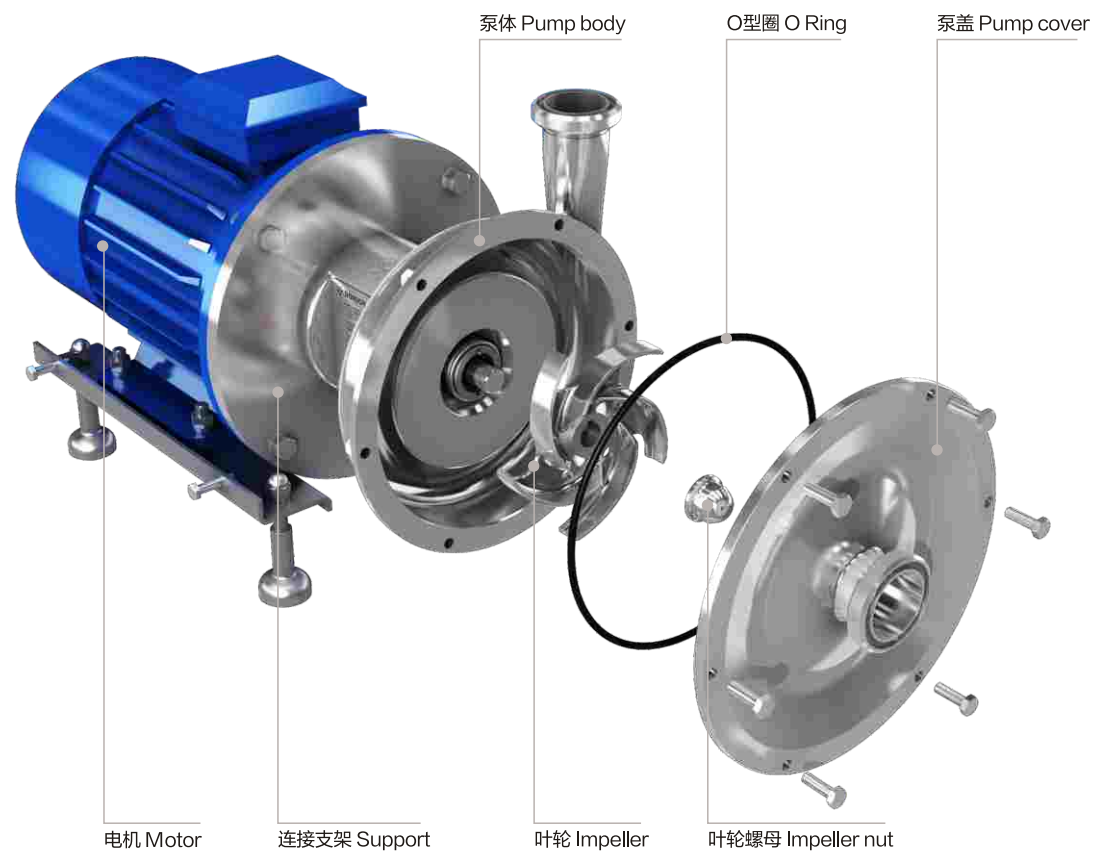
叶轮 Impeller

叶轮螺母 Impeller nut

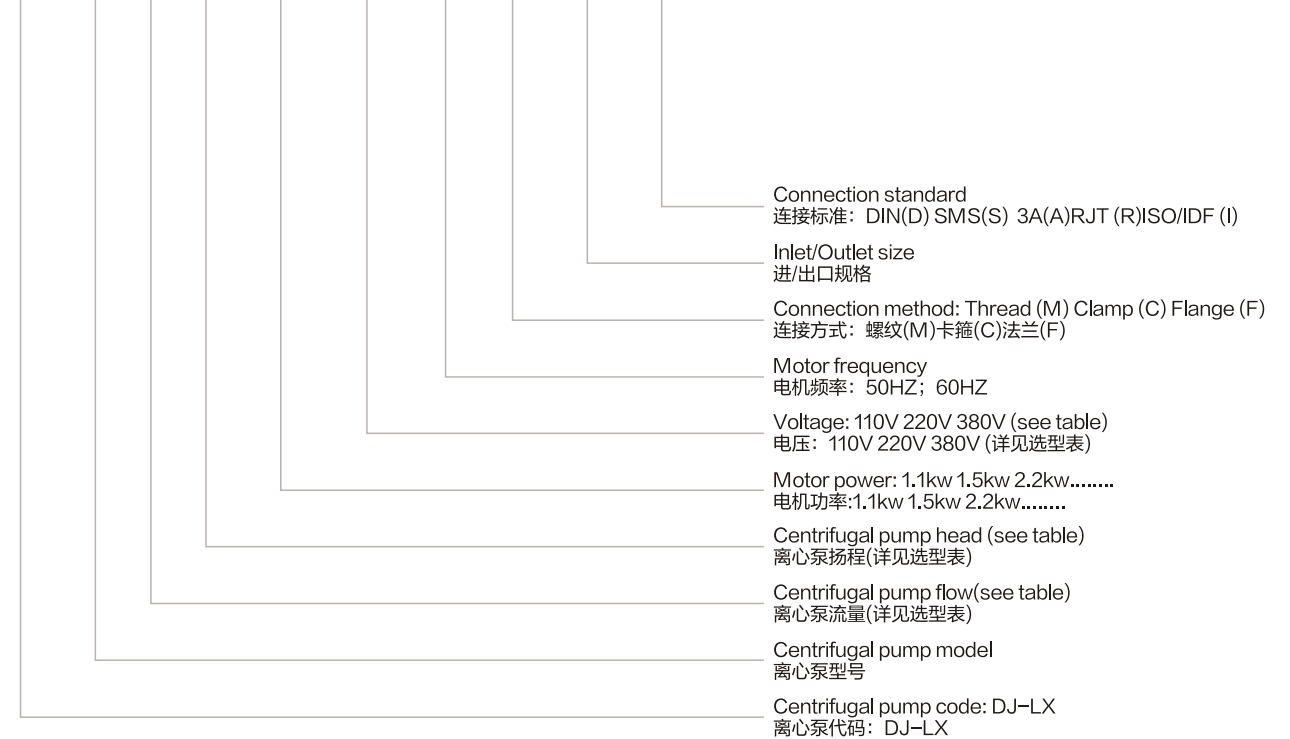
泵盖 Pump cover

DJ-LX-10-40
 SERIES CENTRIFUGAL PUMP
 DJ-LX-10-40离心泵

DJ-LX
 CENTRIFUGAL PUMP MODEL INSTRUCTION
 DJ-LX离心泵型号说明



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



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

CENTRIFUGAL PUMP SELECTION TABLE

DJ-LX 离心泵选型表

选型表(适用于: LX/KLX/CLX) Selection table (applicable to: LX/KLX/CLX)

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	0.55KW	1	20	1.5"/0.75"	19
	0.55KW	2	20		19
	0.75KW	3	19		22
	0.75KW	4	18		22
	0.75KW	5	16		22
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		40
	2.2KW	18	16		40
DJ-LX-15	1.5KW	3	28	2"/1.5"	39
	1.5KW	5	28		39
	1.5KW	8	26		39
	2.2KW		42		42
	2.2KW	10	25		42
	2.2KW	15	22		42
	2.2KW	18	18		42
	3.0KW		54		54
	2.2KW		42		42
3.0KW	20	16	54		
DJ-LX-20-1	2.2KW	5	36	2"/2"	47
	3.0KW		56		56
	3.0KW		56		56
	4.0KW	10	36		61
	4.0KW	15	35		61
	4.0KW	20	33		61
	4.0KW	25	30		61
	5.5KW		83		83
	5.5KW		30		30
	5.5KW	38	22		83
DJ-LX-20-2	5.5KW	20	40	2"/2"	82
	5.5KW	25	37	82	
	5.5KW	30	36	82	
	5.5KW	36	32	82	
	7.5KW	40	30	2.5"/2"	86
	7.5KW	45	28	86	

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-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
	7.5KW	20	50		87
	7.5KW	25	45		87
	7.5KW	30	40		87
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
	15KW	20	70		165
DJ-LX-35-2	15KW	25	70	3"/1.5"	165
	15KW	30	70		165
	15KW	35	65		165
	15KW	40	65		165
	18.5KW	45	60		174
	18.5KW	50	55		174
	18.5KW	55	50		174
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
DJ-LX-40-2	18.5KW	100	30	3"/2.5"	171
	18.5KW	110	28		171
	15KW	50	50		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-LX SERIES

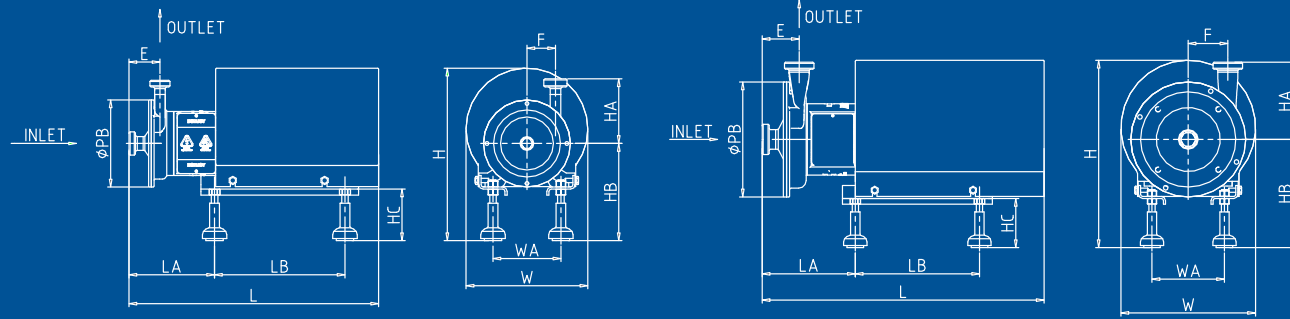
CENTRIFUGAL PUMP DATA CHART

DJ-LX系列离心泵数据图

DJ-LX SERIES

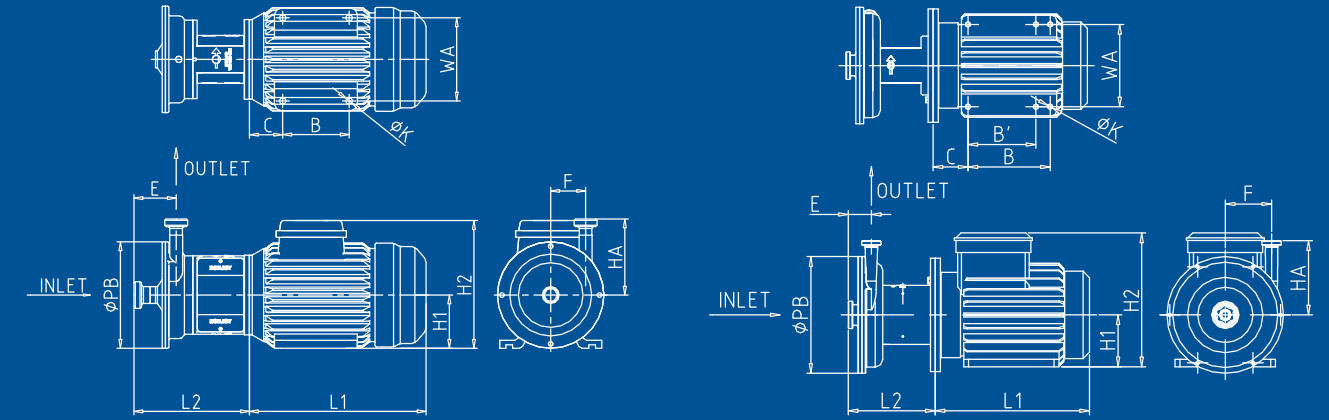
CENTRIFUGAL PUMP DATA CHART WITHOUT COVER

DJ-LX系列离心泵数据图(不带外罩)



LX离心泵带泵罩(LX05)
LX centrifugal pump with cover (LX05)

LX离心泵带泵罩(LX10-LX40)
LX centrifugal pump with cover (LX10-LX40)



LX离心泵不带泵罩(LX05)
LX centrifugal pump without cover (LX05)

LX离心泵不带泵罩(LX10-LX40)
LX centrifugal pump without cover (LX10-LX40)

型号 Model	功率 Power (KW)	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											
		进口/出口 Inlet/Outlet	PB	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	1.5"/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	1.5"/0.75"	160	53	240	317	178	94.8	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	337	199	94.8	250	125	66	173	150	514	57	166	143	506	66	173	150	514	
	1.5-2.2KW	1.5"/1.5"	222	77	240	362	209	94.8	260	140	66	173	150	536	57	166	143	529	66	173	150	541	
DJ-LX15	1.5-2.2KW	2"/1.5"	268	100	240	362	209	94.8	260	140	66	173	180	536	57	166	173	529	67	174	180	537	
	3KW	2"/1.5"	268	100	300	416	218	94.8	320	160	66	153	180	578	57	146	173	571	67	154	180	579	
DJ-LX20-1	3KW	2"/2"	282	101	300	416	218	94.8	320	160	74.5	166	200	584	67	158	193	577	75.5	166.5	201	585	
	4KW	2"/2"	282	101	300	421	210	94.8	340	190	74.5	173	200	591	67	165	193	584	75.5	173.5	201	592	
DJ-LX20-2	5.5-7.5KW	2.5"/2"	282	101	330	466	231	94.8	380	216	74.5	206	200	675	67	199	193	688	75.5	207	201	676	
	4KW	2.5"/1.5"	328	128	300	421	210	94.8	340	190	72	172	210	591	61	160	203	580	71	170	210	590	
DJ-LX25	5.5-7.5KW	2.5"/1.5"	328	128	330	466	231	94.8	380	216	72	206	210	685	61	194	203	674	71	204.5	210	684	
	4KW	2.5"/1.5"	328	128	330	466	231	94.8	380	216	72	206	210	685	61	194	203	674	71	204.5	210	684	
DJ-LX30	5.5-7.5KW	2.5"/1.5"	328	128	330	466	231	94.8	380	216	72	206	210	685	61	194	203	674	71	204.5	210	684	
DJ-LX35-1	11-15KW	3"/1.5"	363	141	450	551	260	94.8	470	254	79.5	234	235	809	67	222	228	797	79.5	233.5	235	809	
	15KW	3"/1.5"	363	141	450	551	260	94.8	470	254	79.5	234	235	809	67	222	228	797	79.5	233.5	235	809	
DJ-LX35-2	18.5KW	3"/1.5"	363	141	450	551	260	94.8	470	254	79.5	234	235	809	67	222	228	797	79.5	233.5	235	809	
	11-15KW	3"/2.5"	335	120	450	551	260	94.8	470	254	89.5	246	239	820	78	234	228	809	88.5	244.5	238	819	
DJ-LX40-1	18.5KW	3"/2.5"	335	120	450	551	260	94.8	470	254	89.5	246	239	820	78	234	228	809	88.5	244.5	238	819	
	22KW	3"/2.5"	335	120	515	583	281	94.8	510	279	89.5	241	239	916	78	229	228	904	88.5	239.5	238	915	
DJ-LX40-2	30KW	3"/2.5"	335	120	580	655	301	94.8	580	318	89.5	252	239	962	78	240	228	950	88.5	250.5	238	961	

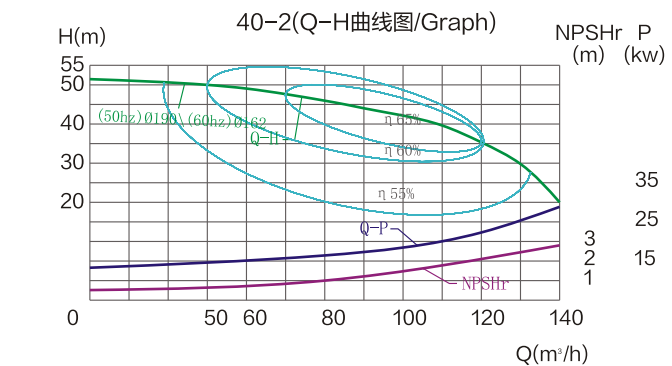
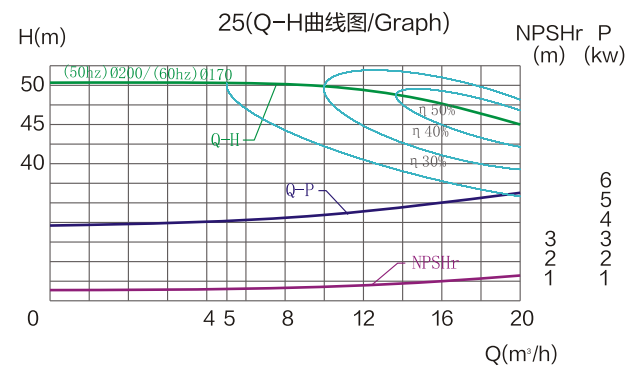
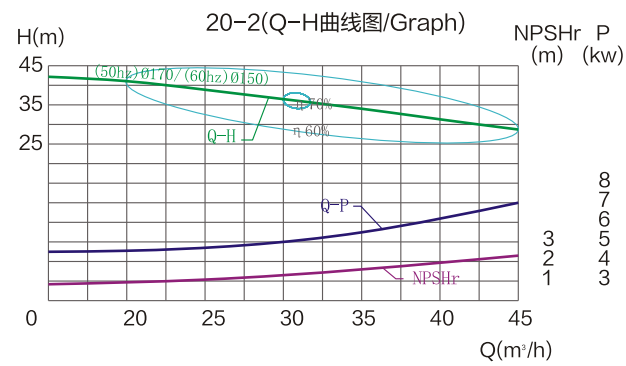
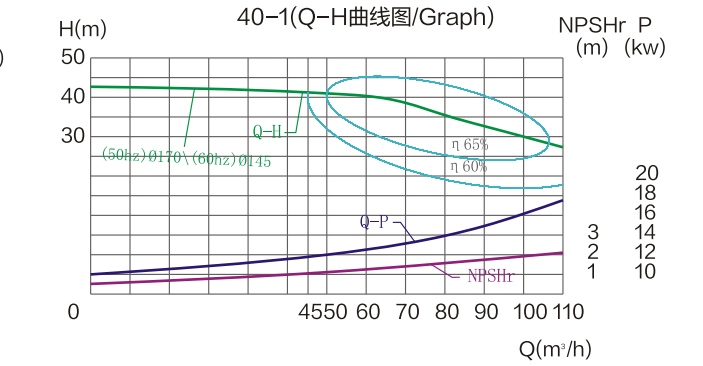
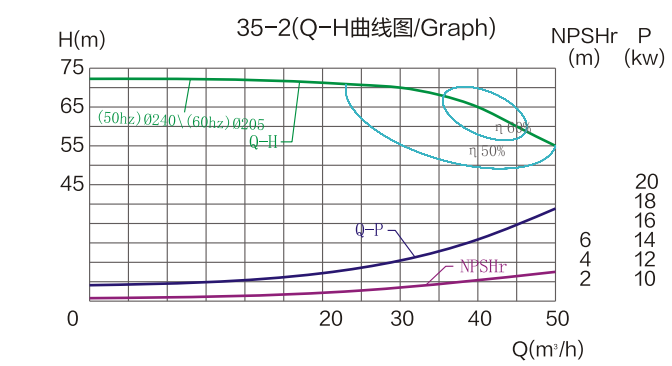
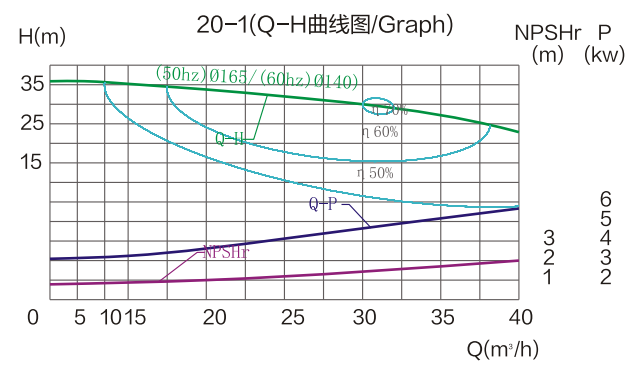
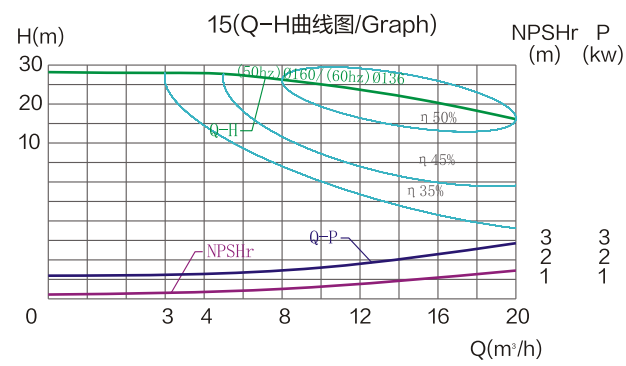
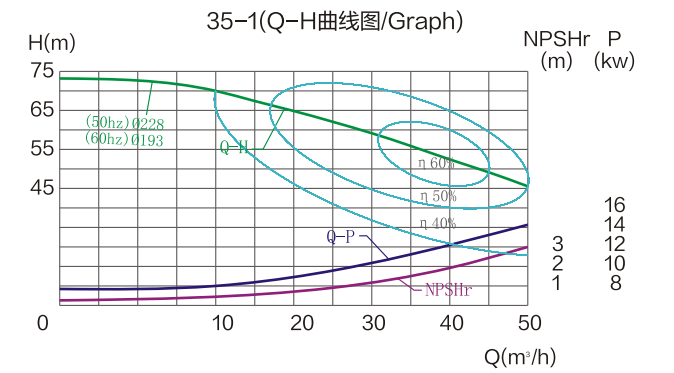
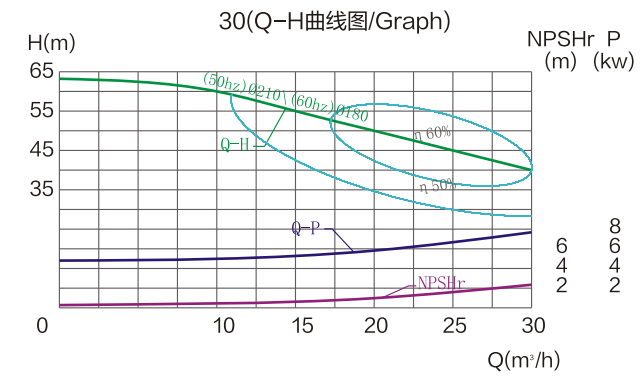
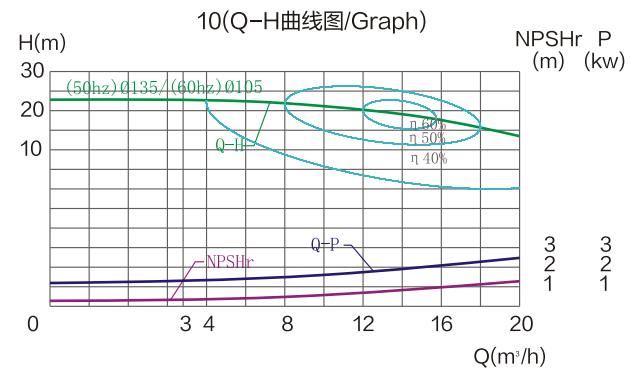
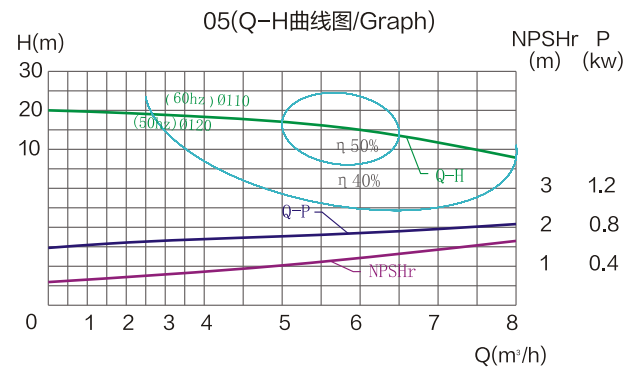
注意：以上数据图相关尺寸不作为实物最终依据，东正保留对于数据更新权限不再另行通知。
Note: The relevant dimensions of the above data diagrams are not regarded as the final basis of the actual object. DNJOY reserves the right to update the data without further notice.

型号 Model	功率 Power (KW)	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											
		进口/出口 Inlet/Outlet	PB	F	L1	H1	H2	B	B'	C	K	WA	SMS 螺纹连接 (Thread)				INCH 卡箍连接 (Clamp)				DIN 螺纹连接 (Thread)				
													E	L2	HA	L	E	L2	HA	L	E	L2	HA	L	
DJ-LX05	0.37-0.55KW	1.5"/0.75"	160	53	227	71	175	100	\	50	7	125	51	161	109	53	163	93	51	162	109				
	0.75-1.1KW	1.5"/0.75"	160	53	269	80	192	100	\	50	10	125	51	161	109	53	163	93	51	162	109				
DJ-LX10	1.1kw	1.5"/1.5"	222	77	269	80	192	100	\	50	10	125	66	198	150	58	191	143	66	198	150				
	1.5KW	1.5"/1.5"	222	77	285	90	217	100	\	56	10	140	66	198	150	58	191	143	66	198	150				
DJ-LX15	1.5KW	2"/1.5"	268	100	285	90	217	100	\	56	10	140	66	198	150	58	191	143	66	198	150				
	2.2KW	2"/1.5"	268	100	301	90	217	125	\	56	10	140	66	195	180	59	188	173	66	195	180				
DJ-LX20-1	3KW	2"/2"	282	101	316	100	240	140	\	63	12	160	66	195	180	59	188	173	66	195	180				
	4KW	2"/2"	282	101	351	112	252	140	\	70	12	190	75	207	200	67	200	193	76	208	201				
DJ-LX20-2	5.5-7.5KW	2"/2"	282	101	399	132	301	140	\	89	12	216	75	207	200	67	200	193	76	208	201				
	4KW	2.5"/1.5"	328	128	399	112	252	140	\	70	12	190	72	207	210	61	196	203	71	206	210				
DJ-LX25	5.5-7.5KW	2.5"/1.5"	328	128	399	132	301	140	\	89	12	216	72	207	210	61	196	203	71	206	210				
	5.5-7.5KW	2.5"/1.5"	328	128	399	132	301	140	\	89	12	216	72	207	210	61	196	203	71	206	210				
DJ-LX30	5.5-7.5KW	2.5"/1.5"	328	128	399	132	301	140	\	89	12	216	72	207	210	61	196	203	71	206	210				
DJ-LX35-1	11-15KW	3"/1.5"	363	141	477	160	413	254	210	108	15	254	79.5	276	230	67	265	223	79.5	275	230				
	15KW	3"/1.5"	363	141	477	160	413	254	210	108	15	254	79.5	276	230	67	265	223	79.5	275	230				
DJ-LX35-2	18.5KW	3"/1.5"	363	141	477	160	413	254	210	108	15	254	79.5	276	230	67	265	223	79.5	275	230				
	11-15KW	3"/2.5"	335	120	477	160	413	254	210	108	15	254	90	289	239	78	278	228	90	289	239				
DJ-LX40-1	18.5KW	3"/2.5"	335	120	477	160	413	254	210	108	15	254	90	289	239	78	278	228	90	289	239				
	22KW	3"/2.5"	335	120	573	180	434	279	241	120	15	279	90	289	239	78	278	228	90	289	239				
DJ-LX40-2	30KW	3"/2.5"	335	120	618	200	473	305	267	133	19	318	90	289	239	78	278	228	90	289	239				

DJ-LX SERIES

CENTRIFUGAL PUMP GRAPH

DJ-LX系列离心泵曲线图



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

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

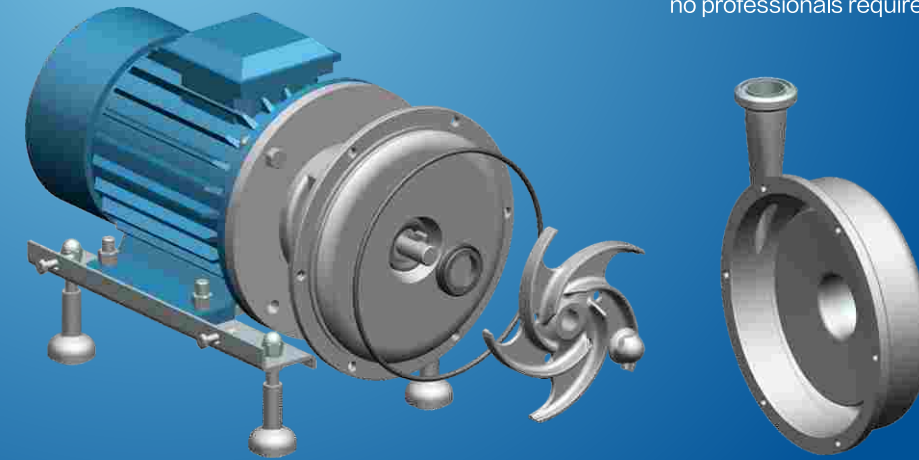
DJ-KLX SERIES

CENTRIFUGAL PUMP

DJ-KLX系列离心泵



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



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

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。

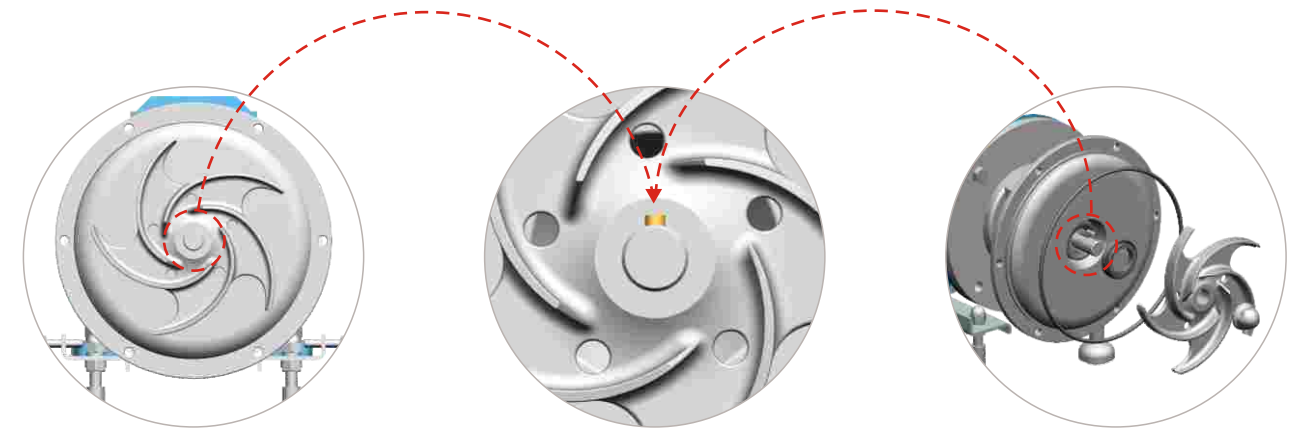
DONJOY DJ-KLX 系列离心泵是基于KS离心泵基础上进行升级，它继承了KS离心泵技术优点，同时优化了内部结构、叶轮设计、死角处理、机封压力平衡设计且机封完全被处在冲洗区域。我们还对泵外部卫生也进行了优化，使其内部更加卫生、外部减少死角，由于没有死角区域，它非常容易被CIP清洗、SIP杀菌等。另外我们对DJ-KLX 系列泵保持了最大的灵活性组合应用，如，泵出口角度可以从 0° -135° 之间任意调整，泵盖采用手轮螺母，这样对泵维护和保养及机封的更换，保持了高效，降低了人员高度专业性的要求，而这些无需特殊的工具。因而达到了、高效、卫生、高可靠性及低成本的目的，使DJ-KLX 系列离心泵成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

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	1m ³ /h-140m ³ /h
扬程 Head	70M
温度 Temperature	-20℃到140℃ From -20℃ to 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% 双相钢 Dual-phase steel 2205, 哈氏合金 Hastelloy alloy C276
表面处理 Surface treatment	≤ Ra0.8 μm, ≤ Ra0.6 μm, EP≤ Ra0.4 μm
机封 Mechanical seal	单机封、双机封, 详见配置单 Single mechanical seal, double mechanical seal, details 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-02-12(N.O.1579); MD/06/42-EC(N.O.70521616101-00); FDA 177.2600; USP CLASS-II; EG/VO1935/2004



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 SERIES

CENTRIFUGAL PUMP VARIOUS CONFIGURATIONS
DJ-KLX系列离心泵各种配置

DJ-KLX SERIES

CENTRIFUGAL PUMP MECHANICAL SEAL DESIGN
DJ-KLX系列离心泵机封设计



螺纹接口
Thread connection



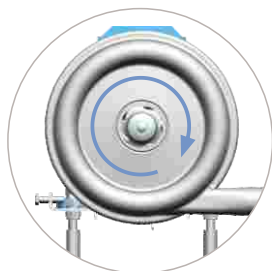
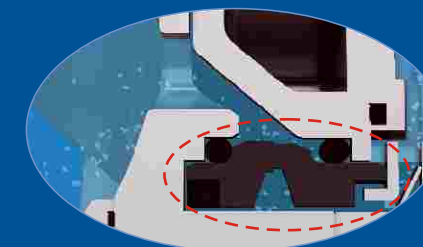
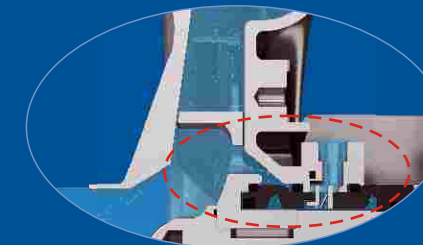
卡箍连接
Clamp connection



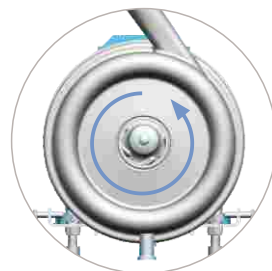
由任螺母
Union nut



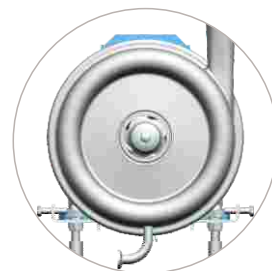
法兰连接进/出口
Flange connection inlet / outlet



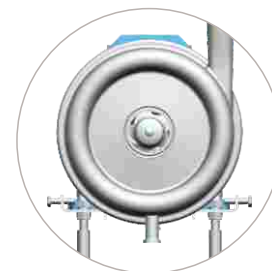
90° ...0° 倾斜出口
90° ...0° inclined outlet



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



最低弯头排放接口
Elbow bottom discharge outlet



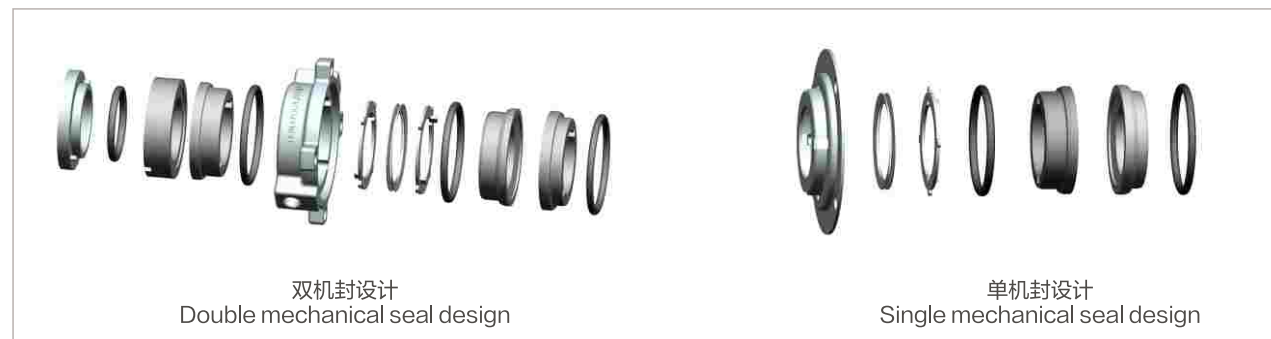
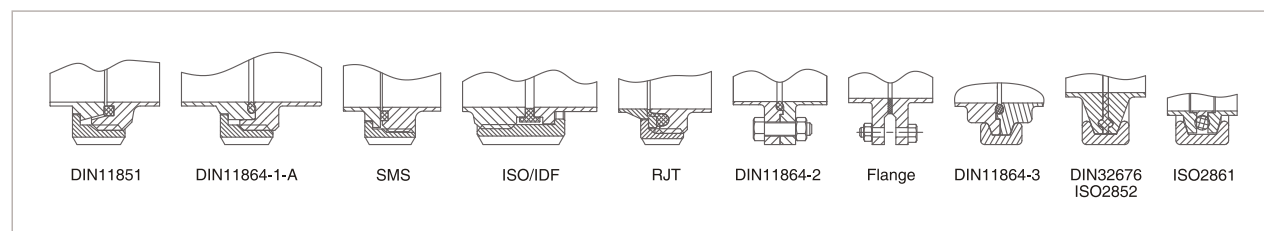
最低排放接口
Bottom discharge outlet

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



双机封设计
Double mechanical seal design

单机封设计
Single 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-02-12，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-02-12, FDA1772600 and so on. and has lots of configuration.

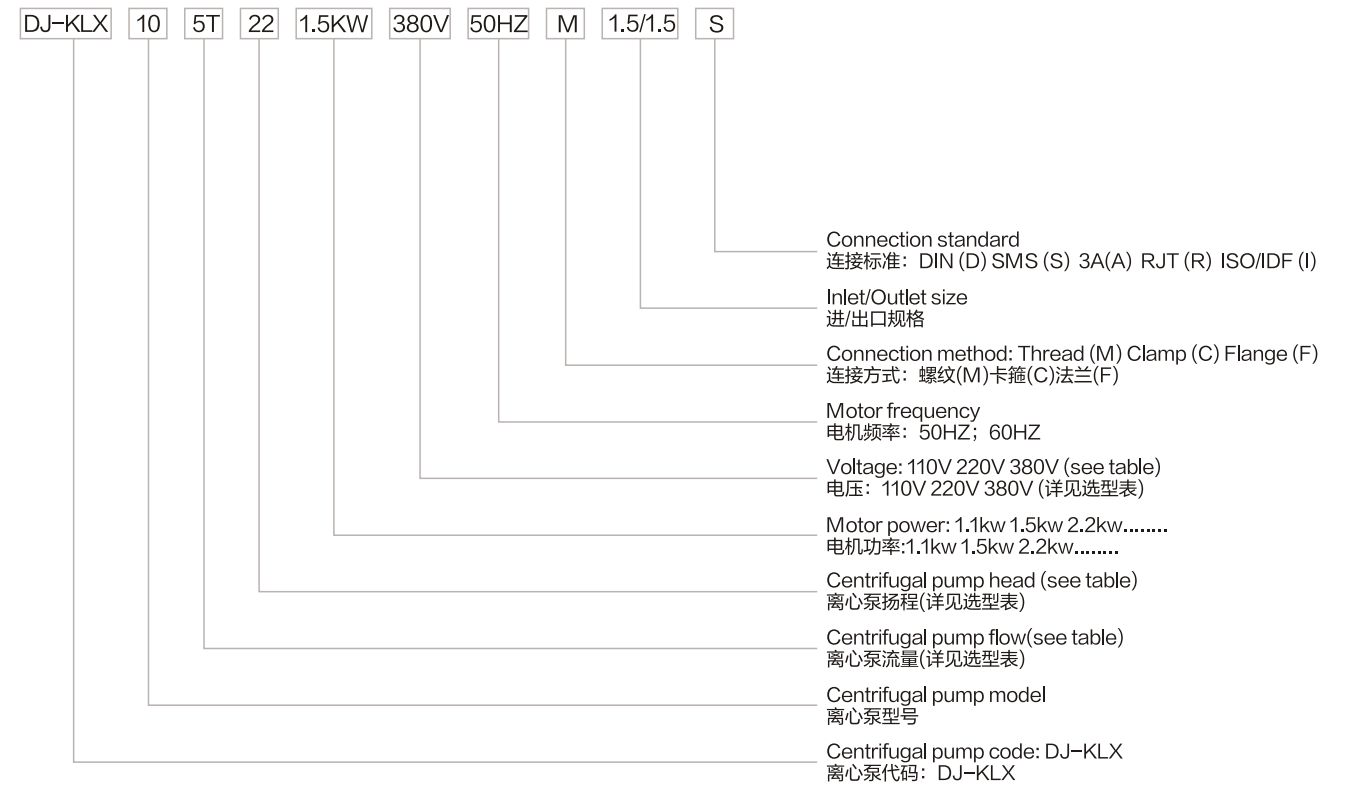
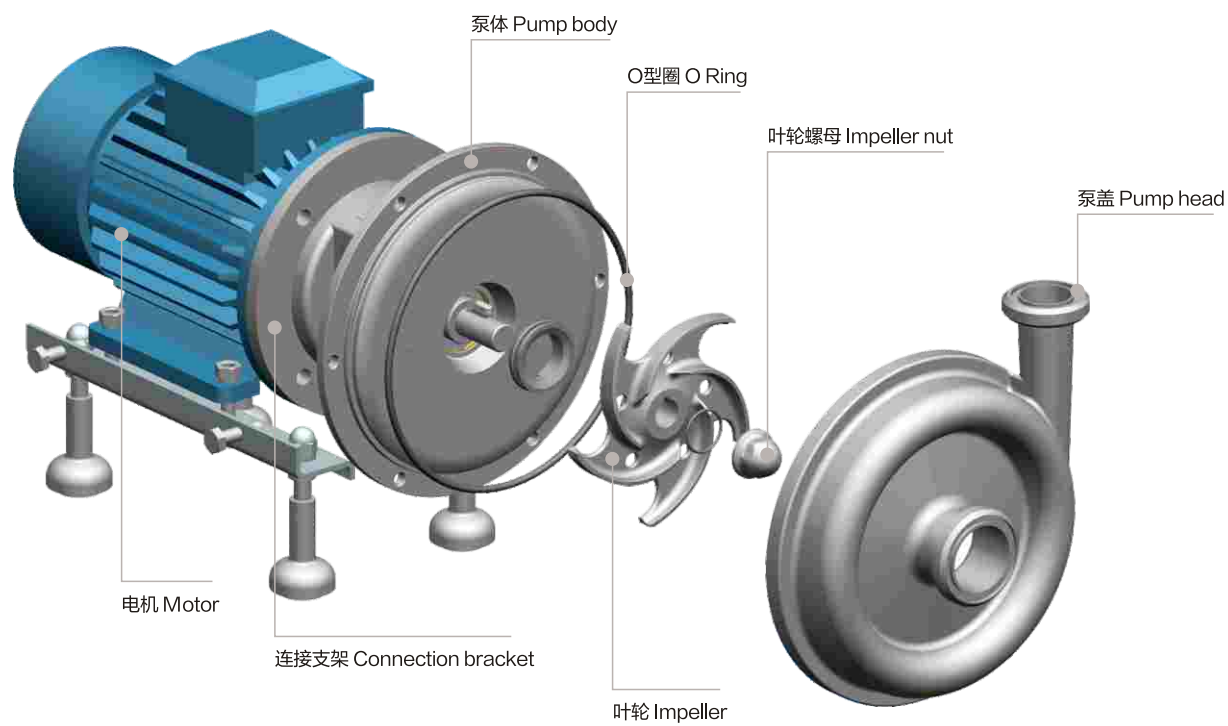
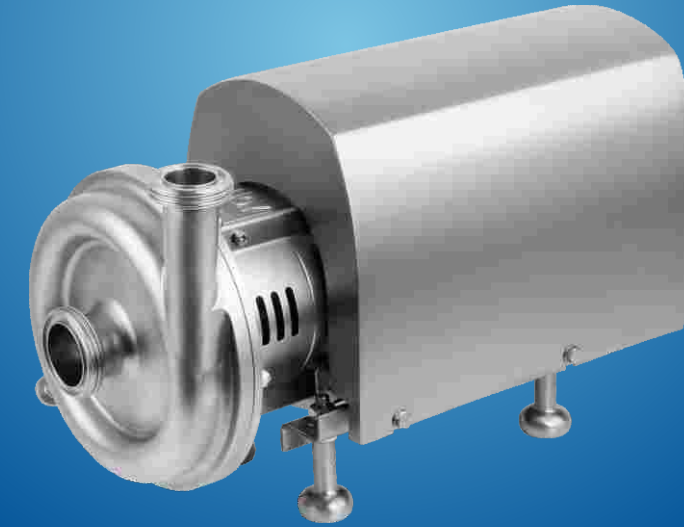
机封配置 Mechanical Seal Configuration

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 SERIES
CENTRIFUGAL PUMP
DJ-KLX系列离心泵

DJ-KLX
CENTRIFUGAL PUMP MODEL INSTRUCTION
DJ-KLX离心泵型号说明



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



DJ-KLX

CENTRIFUGAL PUMP SELECTION TABLE

DJ-KLX离心泵选型表

选型表 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-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		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		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		
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		83		
	5.5KW	30	30		83
	5.5KW	38	22		83
DJ-KLX-20-2	5.5KW	20	40	2.5"/2"	82
	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

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-KLX-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-KLX-30	5.5KW	10	60	2.5"/1.5"	83
	5.5KW	15	55		83
	7.5KW	20	50		87
	7.5KW	25	45		87
	7.5KW	30	40		87
DJ-KLX-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
	15KW	20	70		165
DJ-KLX-35-2	15KW	25	70	3"/1.5"	165
	15KW	30	70		165
	15KW	35	65		165
	15KW	40	65		165
	15KW	45	60		174
	18.5KW	50	55		174
	18.5KW	45	42		148
	11KW	50	42		148
	15KW	60	40		162
	15KW	65	40		162
DJ-KLX40-1	15KW	70	38	3"/2.5"	162
	15KW	80	35		162
	15KW	90	33		162
	18.5KW	100	30		171
	18.5KW	110	28		171
	15KW	50	50		162
	15KW	60	48		162
	18.5KW	70	47		171
	18.5KW	80	46		171
	22KW	85	45		205
DJ-KLX-40-2	22KW	90	44	3"/2.5"	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 SERIES

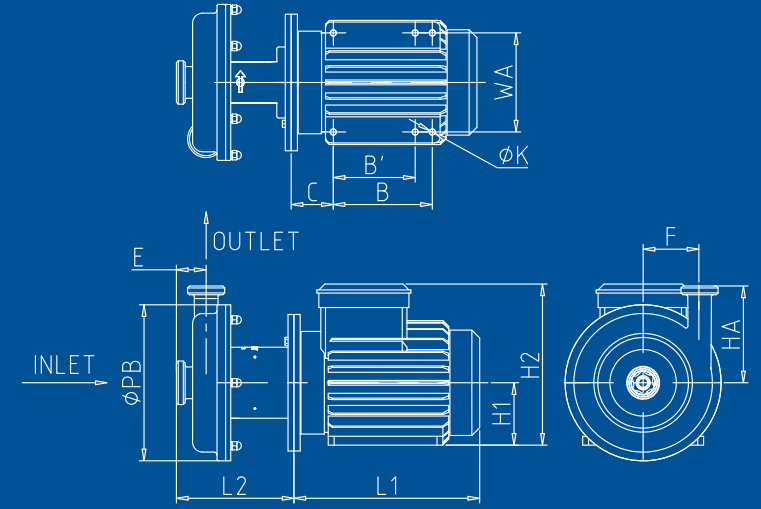
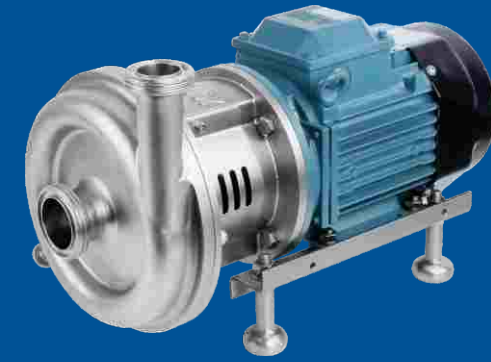
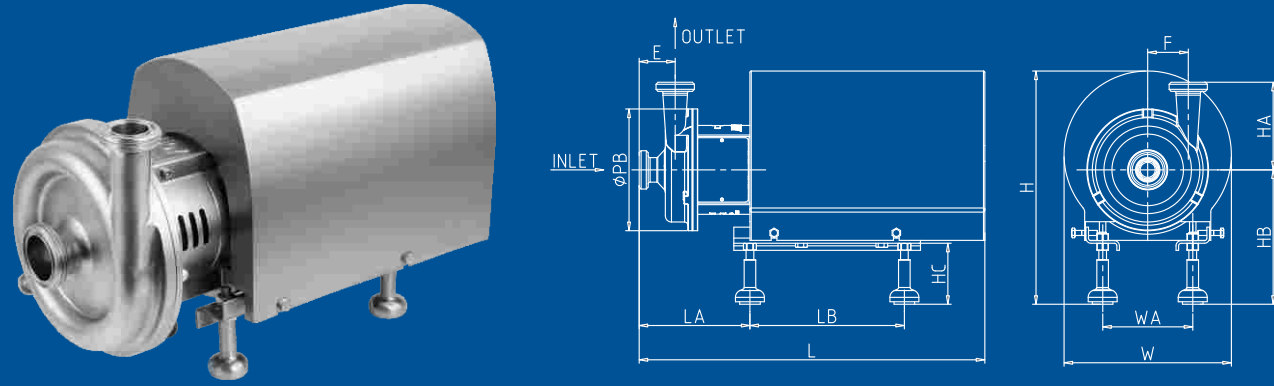
CENTRIFUGAL PUMP DATA CHART

DJ-KLX系列离心泵数据图

DJ-KLX SERIES

CENTRIFUGAL PUMP DATA CHART (WITHOUT COVER)

DJ-KLX系列离心泵数据图(不带外罩)



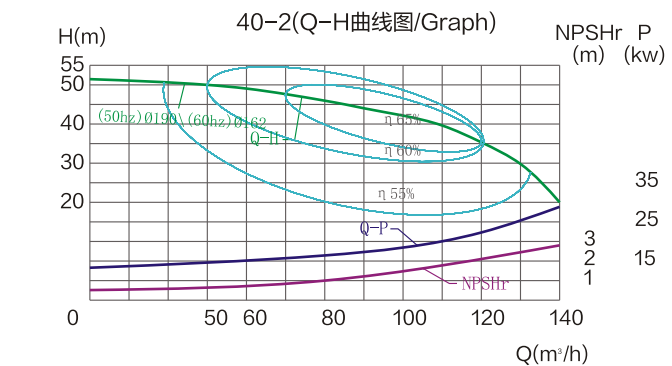
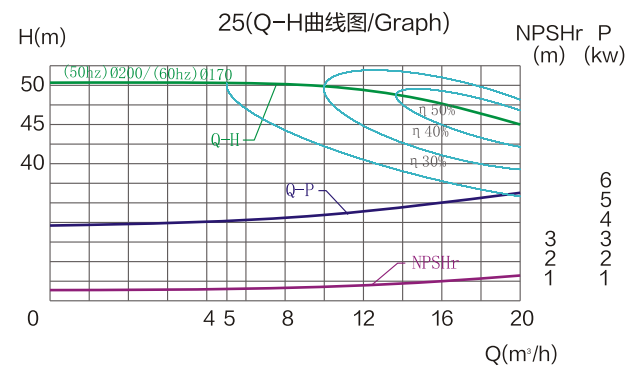
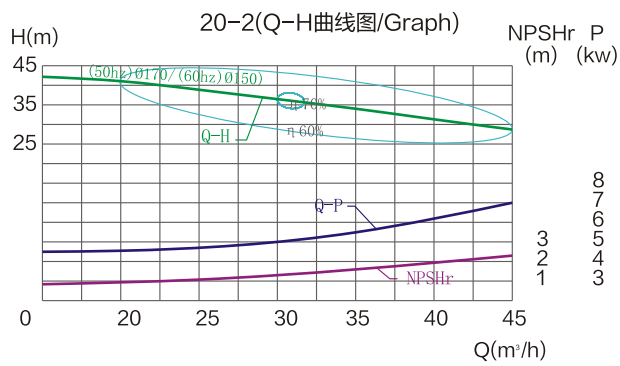
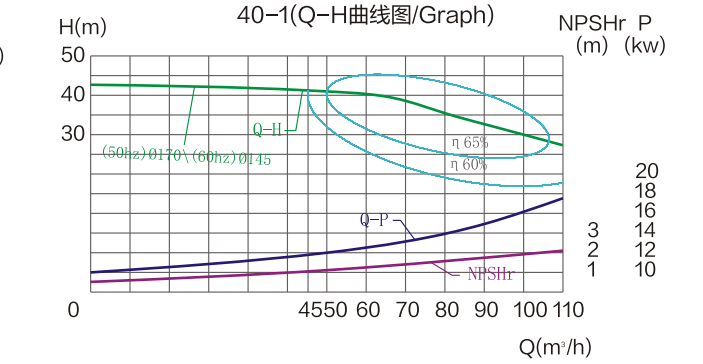
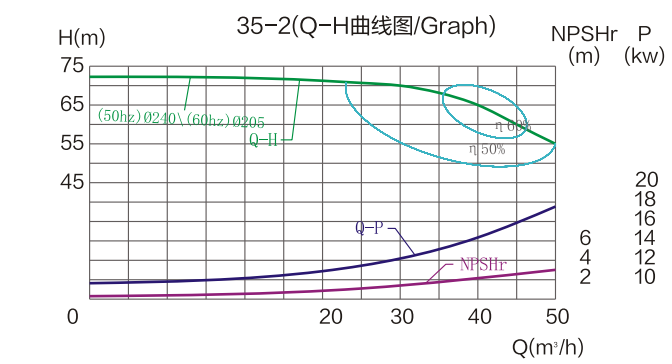
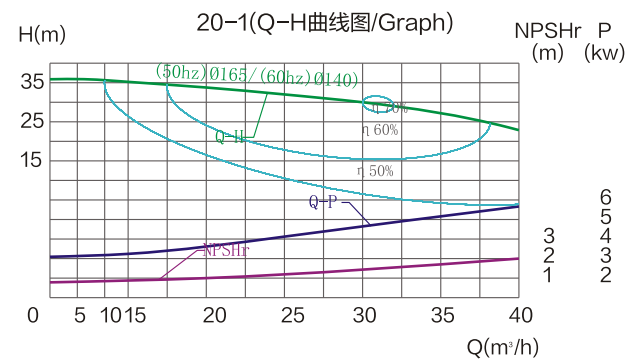
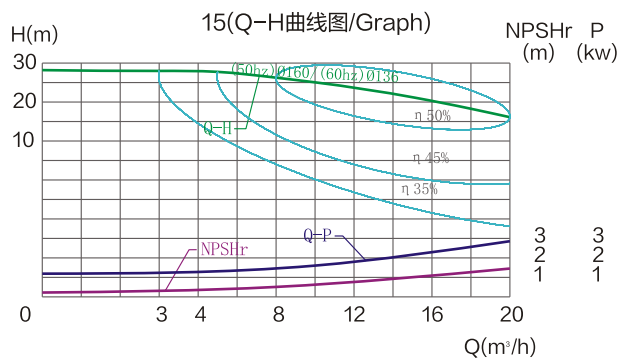
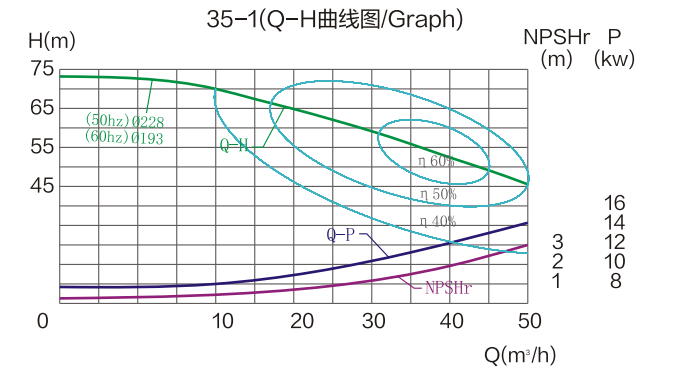
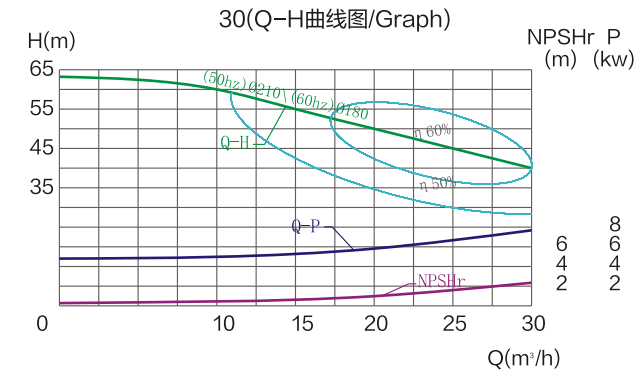
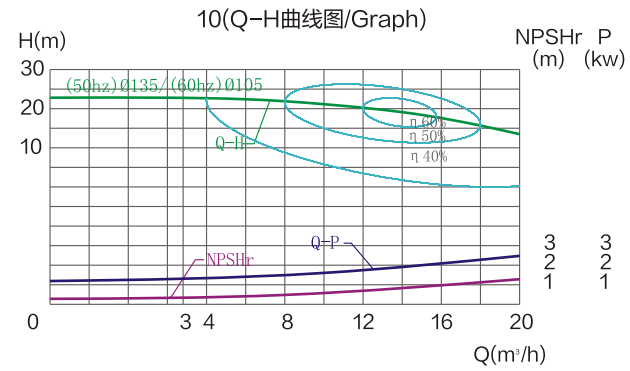
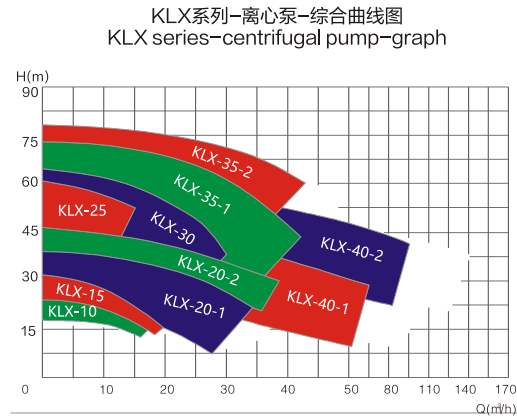
型号 Model	功率 Power (KW)	泵头规格 Pump head dimension		外形安装尺寸 Assembly dimension								进/出口连接方式 Inlet / outlet connection											
		进口/出口 Inlet/Outlet	PB	F	LB	H	HB	HC	W	WA	SMS 螺纹连接 (Thread)				INCH 卡箍连接 (Clamp)				DIN 螺纹连接 (Thread)				
											E	LA	HA	L	E	LA	HA	L	E	LA	HA	L	
KLX10	1.1KW	1.5"/1.5"	189	63	240	337	199	94.8	250	125	56	171	136	517	49	164	129	510	56	171	136	517	
	1.5KW	1.5"/1.5"	189	63	240	359	209	94.8	260	140	56	177	136	542	49	170	129	535	56	177	136	542	
	2.2KW	1.5"/1.5"	189	63	240	359	209	94.8	260	140	56	177	136	542	49	170	129	535	56	177	136	542	
KLX15	1.5KW	2"/1.5"	250	95	240	359	209	94.8	260	140	48	178	155	543	41	171	148	536	48	178	155	543	
	2.2KW	2"/1.5"	250	95	240	359	209	94.8	260	140	48	178	155	543	41	171	148	536	48	178	155	543	
	3KW	2"/1.5"	250	95	300	413	219	94.8	320	140	48	160	155	590	41	153	148	583	48	160	155	590	
KLX20-I KLX20-II	2.2KW	2"/2"	250	92	240	359	209	94.8	260	140	45	182	170	543	38	175	163	536	45	182	170	543	
	3KW	2"/2"	250	92	300	413	219	94.8	320	160	45	164	170	590	38	157	163	583	45	164	170	590	
	4KW	2"/2"	250	92	300	422	211	94.8	340	190	45	171	170	590	38	164	163	583	45	171	170	590	
	5.5KW	2"/2"	250	92	330	466	231	94.8	380	216	45	207	170	686	38	200	163	679	45	207	170	686	
KLX25	4KW	2.5"/1.5"	328	127.5	300	422	211	94.8	340	190	60	179	190	598	49	168	183	587	61	180	190	599	
	5.5KW	2.5"/1.5"	328	127.5	330	466	231	94.8	380	216	60	213	190	693	49	202	183	682	61	214	190	694	
KLX30	5.5KW	2.5"/1.5"	328	127.5	330	466	231	94.8	380	216	60	213	190	693	49	202	183	682	61	214	190	694	
	7.5KW	2.5"/1.5"	328	127.5	330	466	231	94.8	380	216	60	213	190	693	49	202	183	682	61	214	190	694	
KLX35-I	11KW	3"/1.5"	365	131	450	551	260	94.8	470	254	76	255	229	830	65	244	222	819	81	260	229	835	
	15KW	3"/1.5"	365	131	450	551	260	94.8	470	254	76	255	229	830	65	244	222	819	81	260	229	835	
KLX35-II	15KW	3"/1.5"	365	131	450	551	260	94.8	470	254	76	255	229	830	65	244	222	819	81	260	229	835	
	18.5KW	3"/1.5"	365	131	450	551	260	94.8	470	254	76	255	229	830	65	244	222	819	81	260	229	835	
KLX40-I KLX40-II	11KW	3"/2.5"	335	105	450	551	260	94.8	470	254	73.5	255	214	830	61	242.5	202	817.5	78.5	260	215	835	
	15KW	3"/2.5"	335	105	450	551	260	94.8	470	254	73.5	255	214	830	61	242.5	202	817.5	78.5	260	215	835	
	18.5KW	3"/2.5"	335	105	450	551	260	94.8	470	254	73.5	255	214	830	61	242.5	202	817.5	78.5	260	215	835	
	22KW	3"/2.5"	335	105	515	583	281	94.8	510	279	73.5	250	214	925	61	237.5	202	912.5	78.5	255	215	930	
	30KW	3"/2.5"	335	105	515	655	301	94.8	580	318	73.5	261	214	971	61	248.5	202	958.5	78.5	266	215	976	

型号 Model	功率 Power (KW)	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											
		进口/出口 Inlet/Outlet	PB	F	L1	H1	H2	C	B	B'	K	WA	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				
KLX10	1.1KW	1.5"/1.5"	189	63	269	80	192	50	100	\	10	125	56	186	136	49	193	129	56	186	136				
	1.5KW	1.5"/1.5"	189	63	285	90	217	56	100	\	10	140	56	186	136	49	193	129	56	186	136				
	2.2KW	1.5"/1.5"	189	63	301	90	217	56	125	\	10	140	56	186	136	49	193	129	56	186	136				
KLX15	1.5KW	2"/1.5"	250	95	285	90	217	56	100	\	10	140	48	188	155	41	195	148	48	188	155				
	2.2KW	2"/1.5"	250	95	301	90	217	56	125	\	10	140	48	188	155	41	195	148	48	188	155				
	3KW	2"/1.5"	250	95	316	100	240	63	140	\	12	140	48	188	155	41	195	148	48	188	155				
KLX20-I KLX20-II	2.2KW	2"/2"	250	92	301	90	217	56	125	\	12	140	45	188	170	38	195	163	45	188	170				
	3KW	2"/2"	250	92	316	100	240	63	140	\	12	160	45	191	170	38	198	163	45	191	170				
	4KW	2"/2"	250	92	351	112	252	70	140	\	12	190	45	191	170	38	198	163	45	191	170				
	5.5KW	2"/2"	250	92	399	132	301	89	140	\	12	216	45	191	170	38	198	163	45	191	170				
KLX25	4KW	2.5"/1.5"	328	127.5	351	112	252	70	140	\	12	190	60	192	190	49	203	183	61	193	190				
	5.5KW	2.5"/1.5"	328	127.5	399	132	301	89	140	\	12	216	60	192	190	49	203	183	61	193	190				
KLX30	5.5KW	2.5"/1.5"	328	127.5	399	132	301	89	140	\	12	216	60	192	190	49	203	183	61	193	190				
	7.5KW	2.5"/1.5"	328	127.5	399	132	301	89	178	\	12	216	60	192	190	49	203	183	61	193	190				
KLX35-I	11KW	3"/1.5"	365	131	477	160	413	108	254	210	14.5	254	76	275	229	65	286	222	81	280	229				
	15KW	3"/1.5"	365	131	477	160	413	108	254	210	14.5	254	76	275	229	65	286	222	81	280	229				
KLX35-II	15KW	3"/1.5"	365	131	477	160	413	108	254	210	14.5	254	76	275	229	65	286	222	81	280	229				
	18.5KW	3"/1.5"	365	131	477	160	413	108	254	210	14.5	254	76	275	229	65	286	222	81	280	229				
KLX40-I KLX40-II	11KW	3"/2.5"	335	105	477	160	413	108	254	210	14.5	254	73.5	273	214	61	286	202	78.5	278	215				
	15KW	3"/2.5"	335	105	477	160	413	108	254	210	14.5	254	73.5	273	214	61	286	202	78.5	278	215				
	18.5KW	3"/2.5"	335	105	477	160	413	108	254	210	14.5	254	73.5	273	214	61	286	202	78.5	278	215				
	22KW	3"/2.5"	335	105	573	180	434	121	279	241	14.5	279	73.5	273	214	61	286	202	78.5	278	215				
	30KW	3"/2.5"	335	105	618	200	473	133	305	267	18.5	318	73.5	273	214	61	286	202	78.5	278	215				

DJ-KLX SERIES

CENTRIFUGAL PUMP GRAPH

DJ-KLX系列离心泵曲线图



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

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

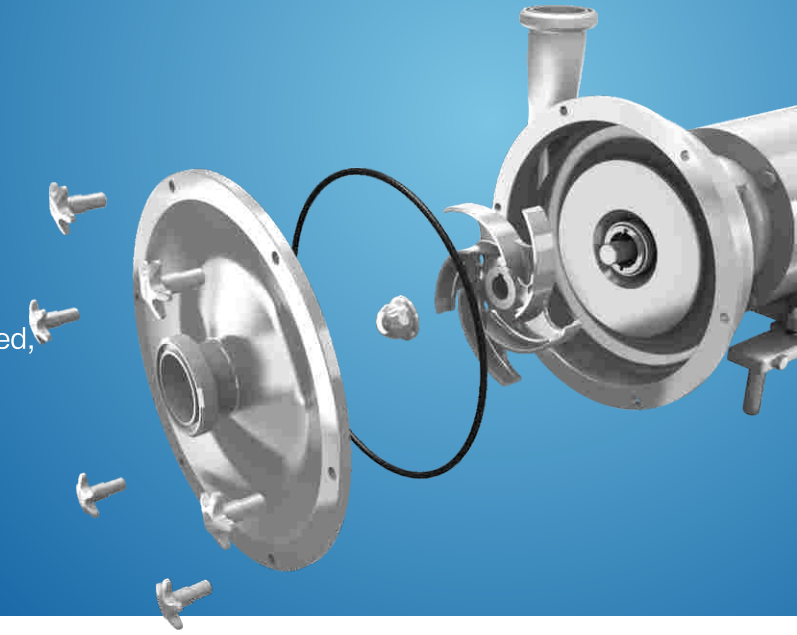
SERISE CENTRIFUGAL PUMP

DJ-SLX系列离心泵

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



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



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。

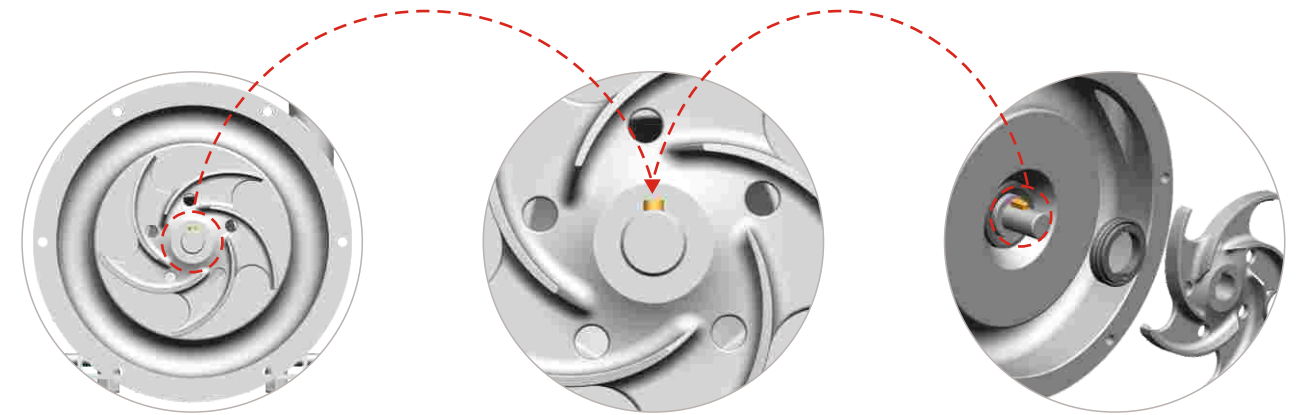
DONJOY DJ-SLX 系列是一款全不锈钢设计的离心泵，包含电机也是不锈钢，它不仅优化了内部结构、叶轮设计、死角处理、机封压力平衡设计且机封完全被处在冲洗区域。我们还对泵外部卫生也进行了优化，使其内部更加卫生、外部减少死角，由于没有死角区域，它非常容易被CIP清洗、SIP杀菌等。另外我们对DJ-SLX 系列泵保持了最大的灵活性组合应用，如，泵出口角度可以从 0° - 135° 之间任意调整，泵盖采用手轮螺母，这样对泵维护和保养及机封的更换，保持了高效，降低了人员高度专业性的要求，而这些无需特殊的工具。因而达到了、高效、卫生、高可靠性及低成本的目的，使DJ-SLX 系列离心泵成为一款高性能的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

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	1m³/h-120m³/h
扬程 Head	70M
温度 Temperature	-20℃到140℃ From -20℃ to 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% 双相钢 Dual-phase steel 2205, 哈氏合金 Hastelloy alloy C276
表面处理 Surface treatment	≤ Ra0.8 μm, ≤ Ra0.6 μm, EP≤ Ra0.4 μm
机封 Mechanical seal	单机封、双机封, 详见配置单 Single mechanical seal, double mechanical seal, details 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-02-12(N.O.1579); MD/06/42-EC(N.O.70521616101-00); FDA 177.2600; USP CLASS-II; EG/VO1935/2004



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 SERIES

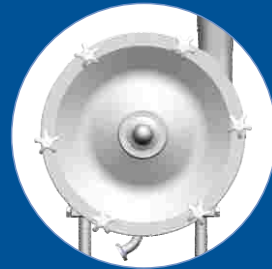
CENTRIFUGAL PUMP VARIOUS CONFIGURATIONS
DJ-SLX系列离心泵各种配置

DJ-SLX SERIES

CENTRIFUGAL PUMP MECHANICAL SEAL DESIGN
DJ-SLX 系列离心泵机封设计



手轮螺母
Hand wheel nut



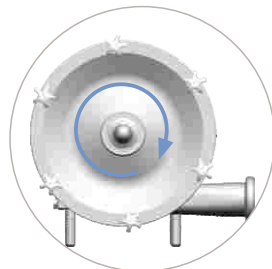
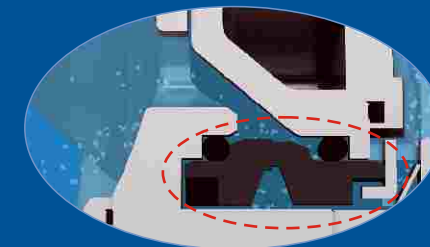
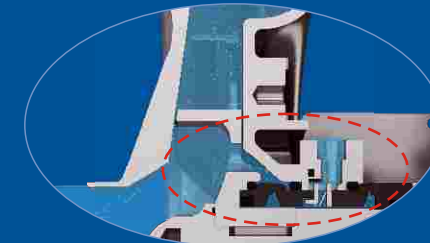
最低弯头排放接口
Bottom elbow discharge outlet



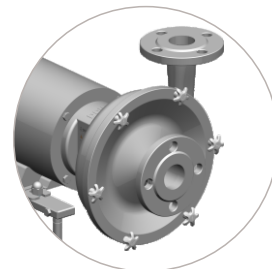
最低直管排放接口
Bottom straight discharge outlet



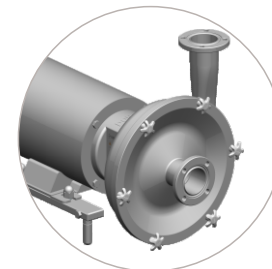
90° ...135° 倾斜出口
90° ...135° inclined outlet



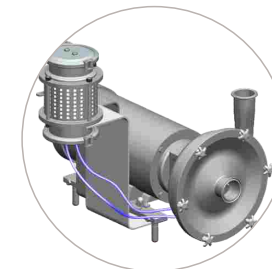
90° ...0° 倾斜出口
90° ...0° inclined outlet



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



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-02-12, 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-02-12, 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	

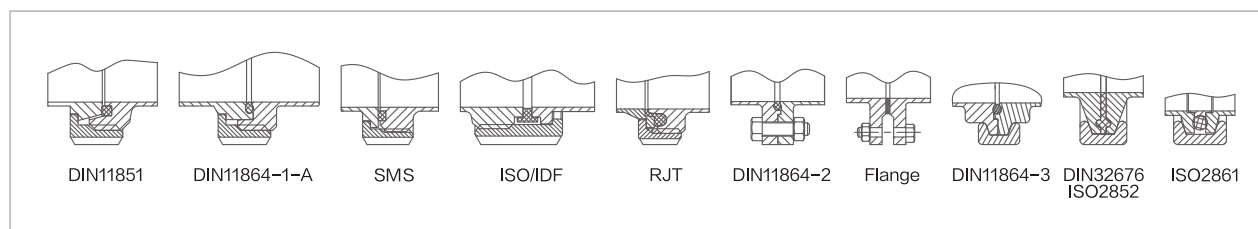
注意：以上配置适用于单机封和双机封。
Note: Above configurations is suitable for single and double mechanical seal

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

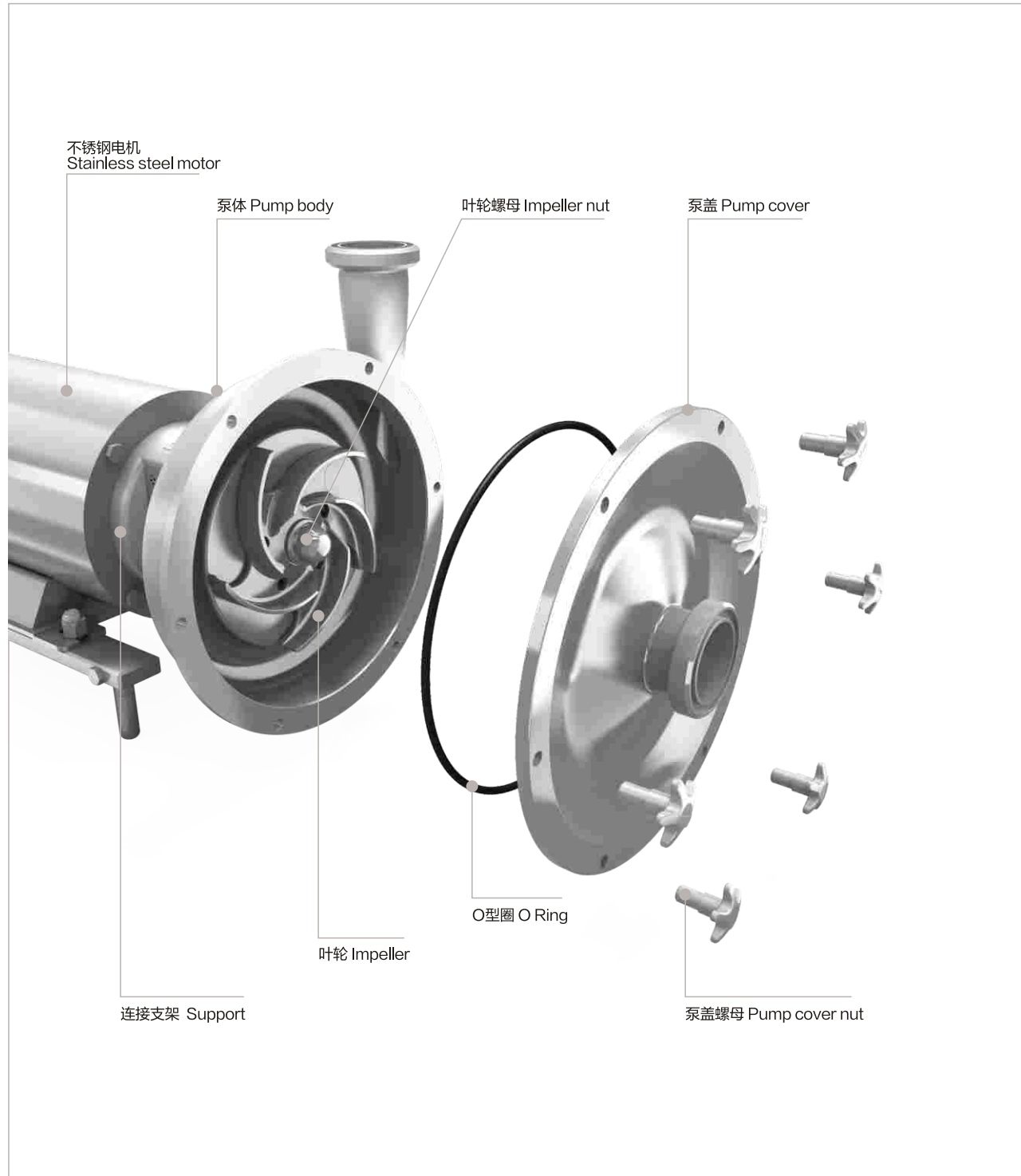
Pump Inlet/outlet Connection Standard

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



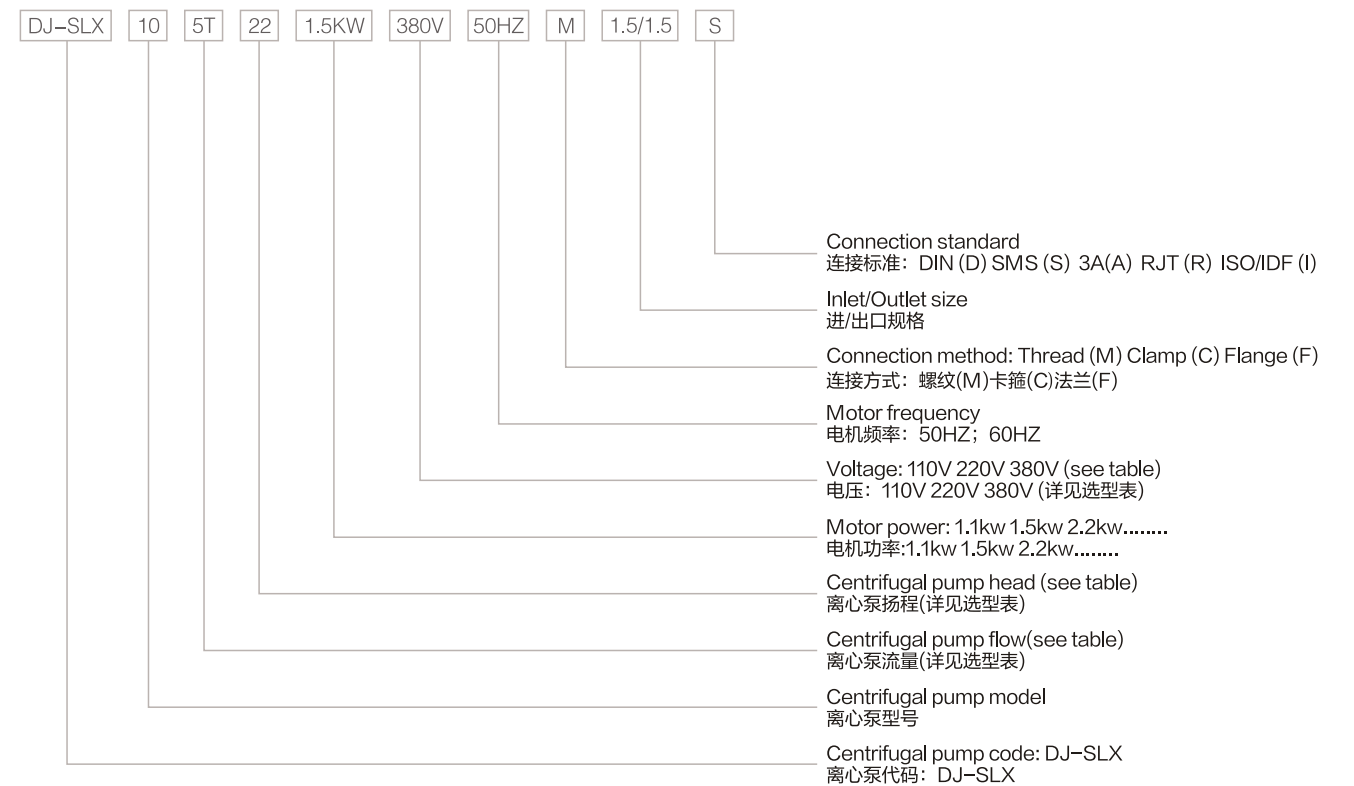
DJ-SLX SERIES

CENTRIFUGAL PUMP MECHANICAL SEAL DESIGN
DJ-SLX系列离心泵机封设计



DJ-SLX

CENTRIFUGAL PUMP MODEL INSTRUCTION
DJ-SLX离心泵型号说明



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



DJ-SLX

CENTRIFUGAL PUMP SELECTION TABLE

DJ-SLX离心泵选型表

选型表(适用于: SLX/SCLX) Selection table (applicable to: SLX/SCLX)

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	5	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		
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	2"/2"	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

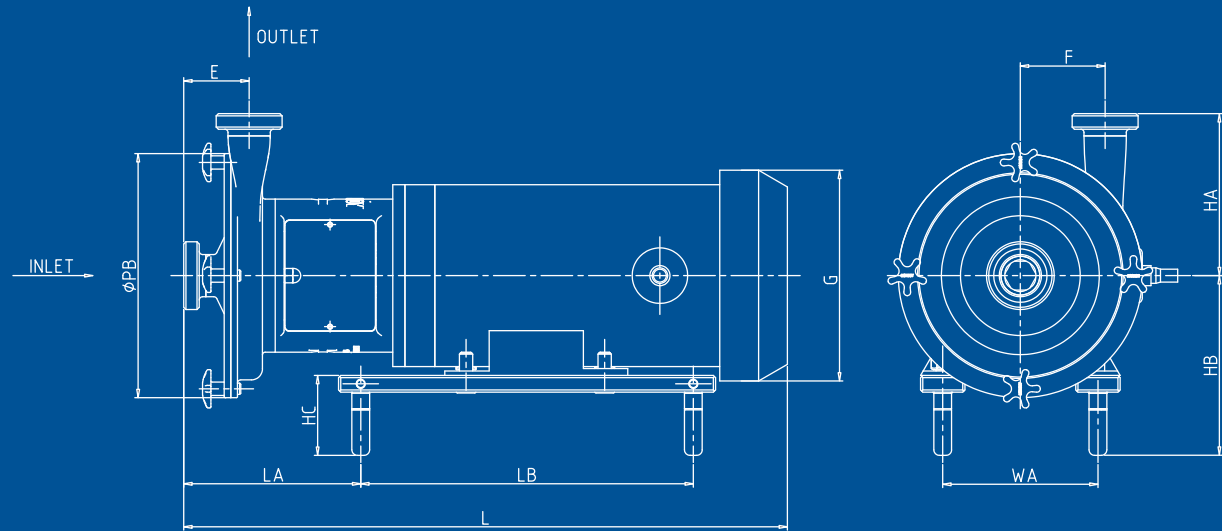
选型表(适用于: SLX/SCLX) Selection table (applicable to: SLX/SCLX)

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
	7.5KW	20	50		112
	7.5KW	25	45		112
	7.5KW	30	40		112
	11KW	10	70		3"/1.5"
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	3"/1.5"	159	
15KW	25	70		159	
15KW	30	70		159	
15KW	35	65		159	
15KW	40	65		159	
18.5KW	45	60		174	
18.5KW	50	55		174	
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		
18.5KW	110	28	172		
15KW	50	50	3"/2.5"		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-SLX SERIES

CENTRIFUGAL PUMP DATA CHART

DJ-SLX系列离心泵数据图



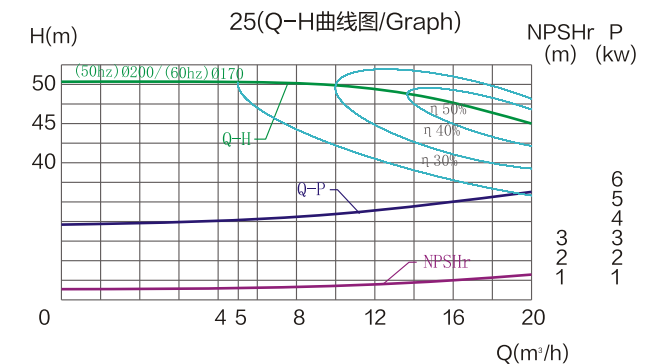
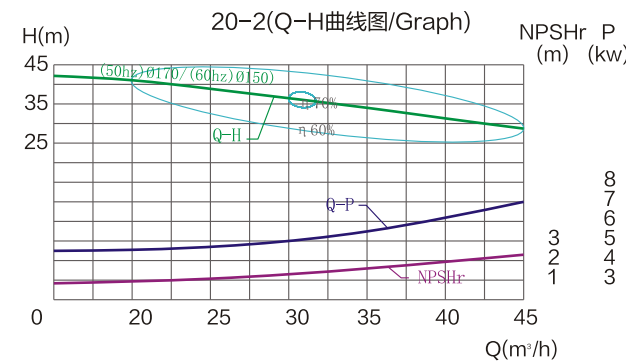
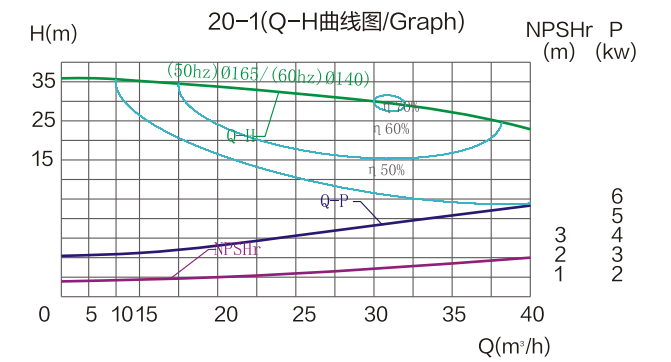
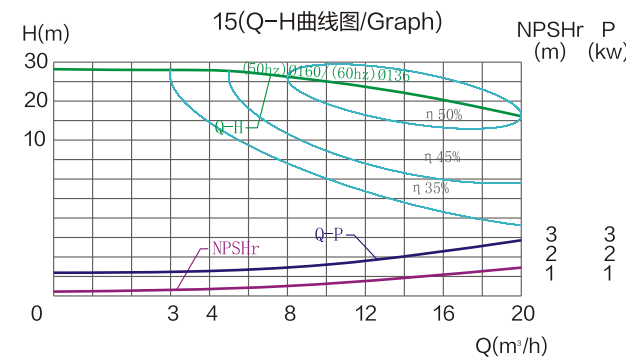
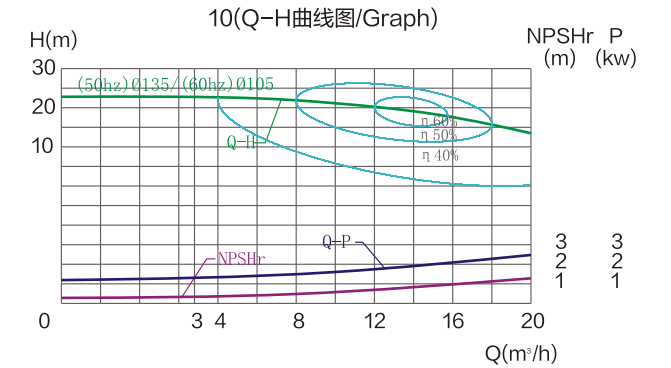
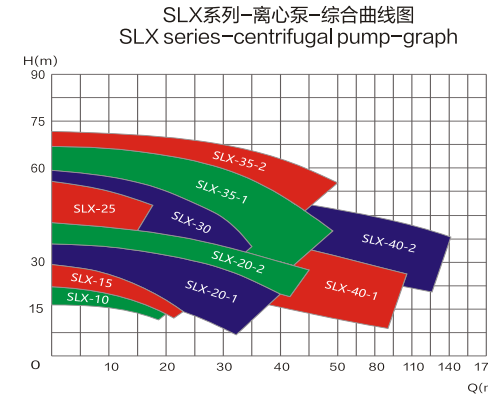
型号 Model	功率 Power (KW)	泵头规格 Pump head dimension		外形安装尺寸 Assembly dimension						进/出口连接方式 Inlet / outlet connection											
		进口/出口 Inlet/Outlet	PB	F	LB	G	HB	HC	WA	SMS 螺纹连接 (Thread)				INCH 卡箍连接 (Clamp)				DIN 螺纹连接 (Thread)			
										E	LA	HA	L	E	LA	HA	L	E	LA	HA	L
DJ-SLX10	1.1kw	1.5"/1.5"	222	77	300	165	152	72	125	66	160	150	464	57	152	143	457	66	160	150	464
	1.5-2.2KW	1.5"/1.5"	222	77	300	190	162	72	140	66	160	150	539	57	152	143	532	66	160	150	539
DJ-SLX15	1.5-2.2KW	2"/1.5"	268	98	300	190	162	72	140	66	186	180	536	57	179	173	529	67	187	180	536
	3KW	2"/1.5"	268	98	300	196	172	72	160	66	185	180	581	57	177	173	574	67	186	180	580
DJ-SLX20-1	3KW	2"/2"	282	101	300	196	172	72	160	74.5	176	200	593	67	167	193	587	75.5	177	201	594
	4KW	2"/2"	282	101	350	240	184	72	190	74.5	169	200	625	67	162	193	617	75.5	170	201	626
DJ-SLX20-2	5.5-7.5KW	2"/2"	282	101	450	240	204	72	216	74.5	191	200	766	67	184	193	759	75.5	192	201	767
	5.5-7.5KW	2.5"/2"	282	101	450	240	204	72	216	78.5	195	200	770	67	184	193	759	77.5	194	201	769
DJ-SLX25	4KW	2.5"/1.5"	328	128	350	240	184	72	190	72	165	210	625	61	153	203	613	71	164	210	624
	5.5-7.5KW	2.5"/1.5"	328	128	450	240	204	72	216	72	187	210	762	61	176	203	751	71	186	210	761
DJ-SLX30	5.5-7.5KW	2.5"/1.5"	328	128	450	240	204	72	216	72	187	210	762	61	182	203	751	71	186	210	761
DJ-SLX35-1	11-15KW	3"/1.5"	363	141	550	330	232	72	254	79.5	168	235	881	67	156	228	868	79.5	168	235	881
	15KW	3"/1.5"	363	141	550	330	232	72	254	79.5	168	235	881	67	156	228	868	79.5	168	235	881
DJ-SLX35-2	18.5KW	3"/1.5"	363	141	550	330	232	72	254	79.5	168	235	881	67	156	228	868	79.5	168	235	881
	18.5KW	3"/1.5"	363	141	550	330	232	72	254	79.5	168	235	881	67	156	228	868	79.5	168	235	881
DJ-SLX40-1	11-15KW	3"/2.5"	335	120	550	330	232	72	254	89.5	186	239	899	78	174	228	887	88.5	186	238	899
	18.5KW	3"/2.5"	335	120	550	330	232	72	254	89.5	186	239	899	78	174	228	887	88.5	186	238	899
DJ-SLX40-2	22KW	3"/2.5"	335	120	550	355	252	72	279	89.5	186	239	899	78	174	228	887	88.5	186	238	899

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 SERIES

CENTRIFUGAL PUMP GRAPH

DJ-SLX系列离心泵曲线图

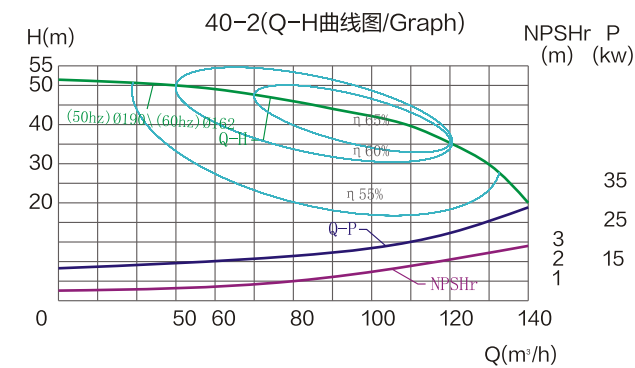
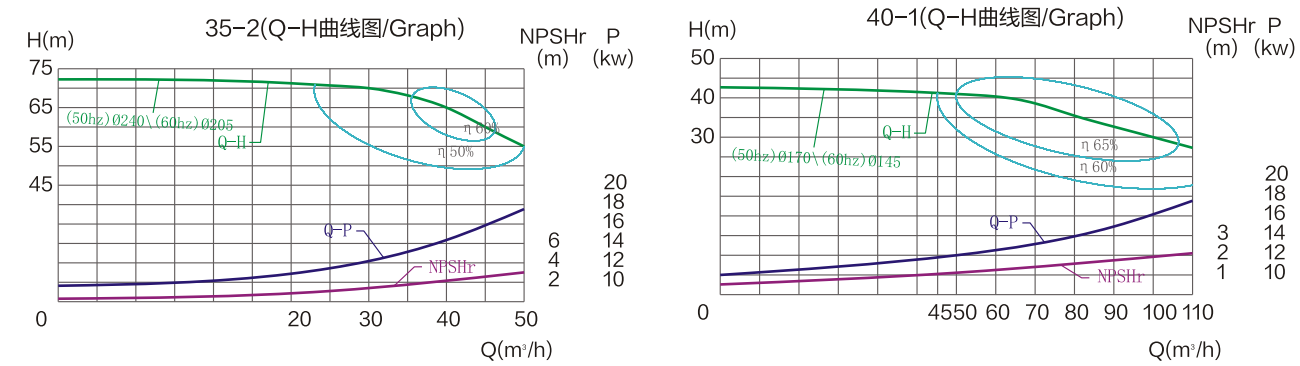
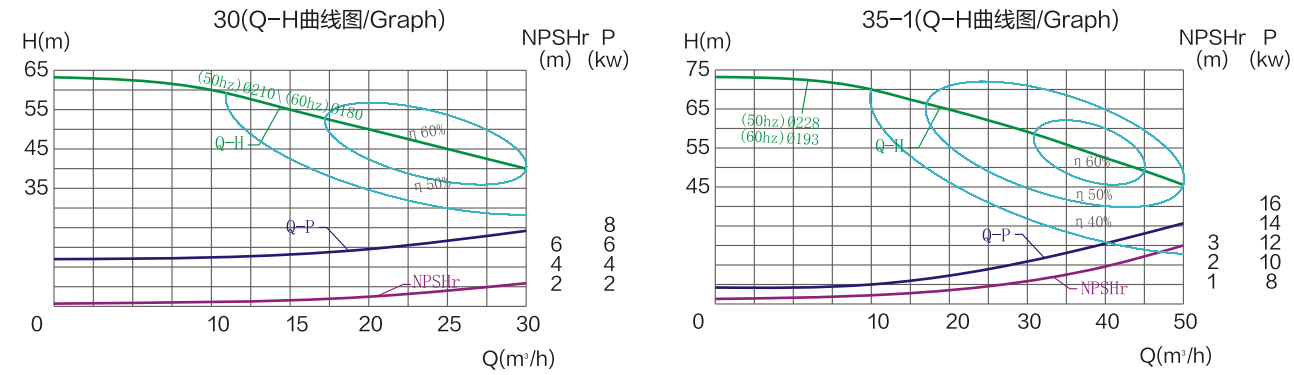


测试条件：介质清水，温度20℃，叶轮转速2900 R.P.M
(此曲线图亦适用电机60Hz，叶轮转速3600R.P.M) Q-流量(m³/H)，H-扬程(M)，P-功率(KW)，η%-泵效率。
Testing condition: medium water, temperature 20 °C, impeller speed 2900 RPM (This graph also applies to motor 60HZ, impeller speed 3600RPM) Q-Flow rate (m³/H), H-head (meter), P-power (KW), η % pump efficiency

DJ-SLX SERIES

CENTRIFUGAL PUMP GRAPH

DJ-SLX系列离心泵曲线图



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-CLX

SERIES CENTRIFUGAL PUMP

DJ-CLX系列离心泵

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

流量 Flow	140m³/h
扬程 Head	70M
温度 Temperature	-20℃到140℃ From -20℃ to 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% 双相钢 Dual-phase steel 2205, 哈氏合金 Hastelloy alloy C276
表面处理 Surface treatment	≤ Ra0.8 μm, ≤ Ra0.6 μm, EP≤ Ra0.4 μm
机封 Mechanical seal	单机封、双机封, 详见配置单 Single mechanical seal, double mechanical seal, details 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-02-12(N.O.1579); MD/06/42-EC(N.O.70521616101-00); FDA 177.2600; USP CLASS-II; EG/VO1935/2004

DJ-CLX

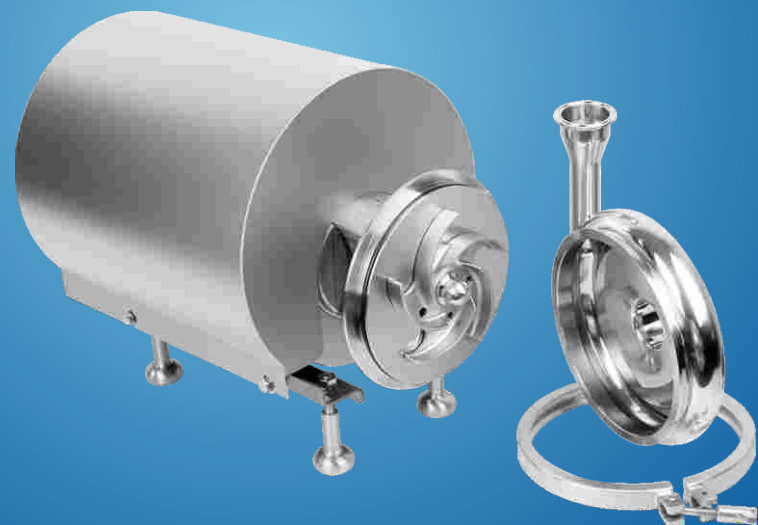
SERIES CENTRIFUGAL PUMP

DJ-CLX系列离心泵

DJ-CLX SERIES

CENTRIFUGAL PUMP VARIOUS CONFIGURATIONS

DJ-CLX系列离心泵各种配置



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



卡箍式进/出口
Clamp Inlet/Outlet



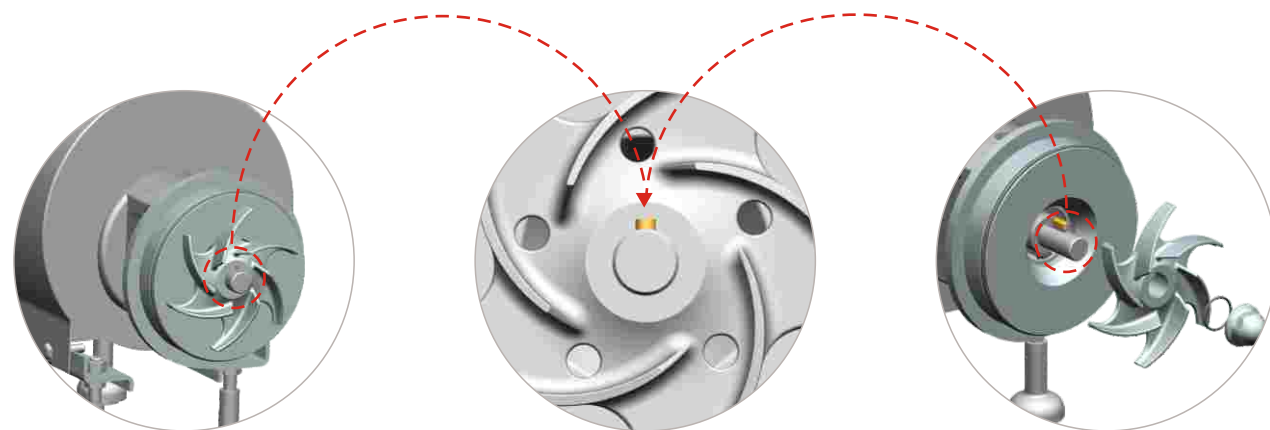
螺纹接口
Thread Inlet/Outlet



由任螺母
Union Inlet/Outlet



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



技术优势

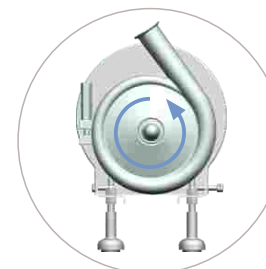
- ◆ 维护拆卸和安装时，无需专业人员和专用工具，即可完成。
- ◆ 初始使用安装调试时，即使出现短暂反向旋转也不会损坏。
- ◆ 叶轮和轴之间是通过键槽连接固定，叶轮和机封动环之间是通过销钉固定，机封静环和泵体之间是通过异形法兰固定。
- ◆ 兼容单机封和双机封，只需要更换机封即可实现。

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.



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

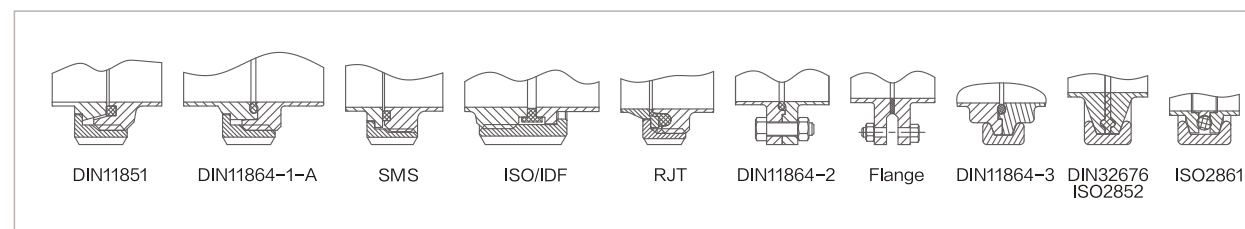


泵进口/出口连接标准

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

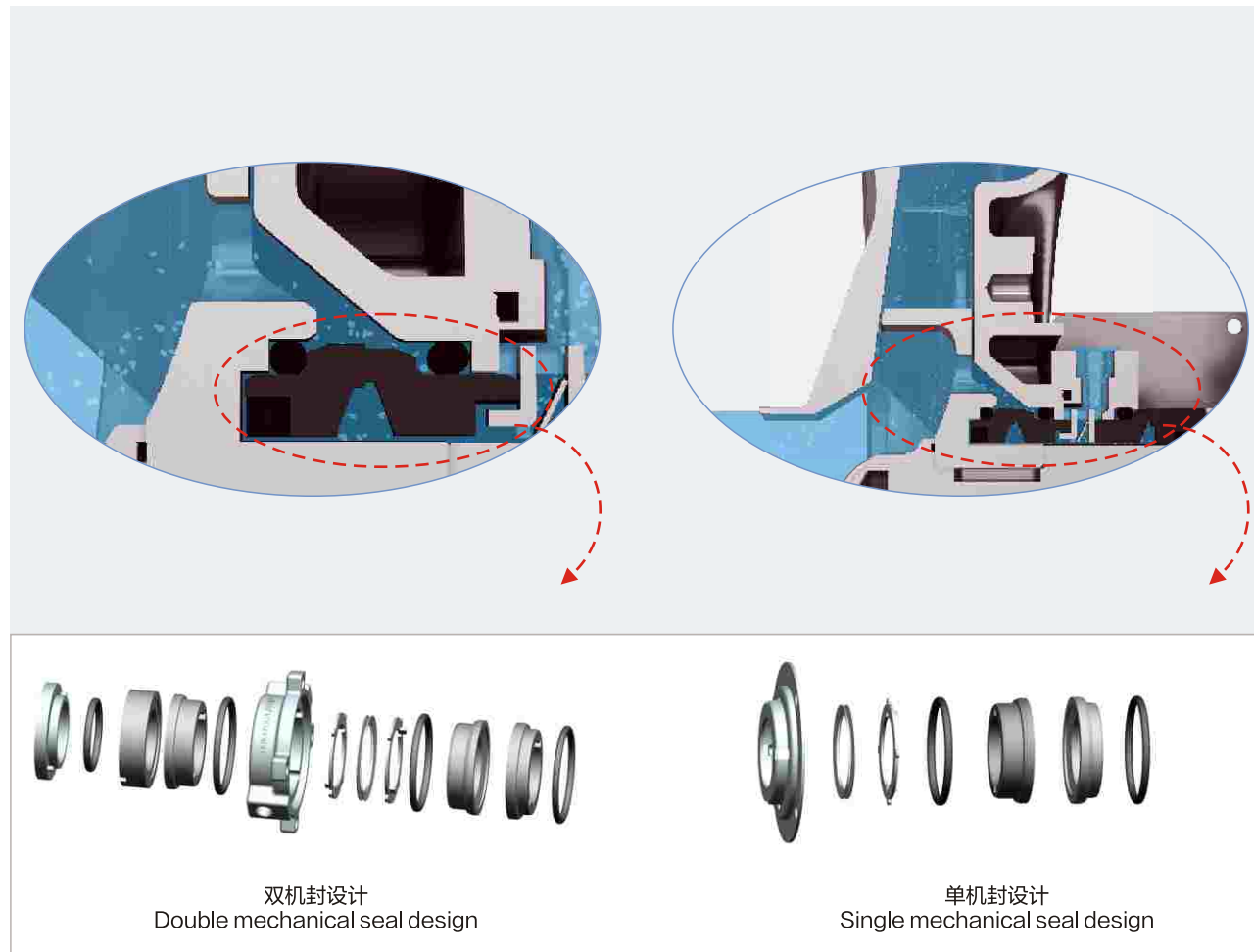
Connection: Thread, Clamp, Flange, Aseptic flange, KF etc.
Standard: DIN SMS ISO IDF RJT ASME BPE 3A I-line.



DJ-CLX SERIES

CENTRIFUGAL PUMP MECHANICAL SEAL DESIGN

DJ-CLX系列离心泵机封设计



机封系统 Mechanical Seal Features

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-02-12，FDA1772600等高洁净要求。并有丰富的机封配置方案。

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-02-12, 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 SERIES

CENTRIFUGAL PUMP MECHANICAL SEAL DESIGN

DJ-CLX系列离心泵机封设计



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

CENTRIFUGAL PUMP MODEL INSTRUCTION

DJ-CLX离心泵型号说明



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

- Connection standard
连接标准: DIN (D) SMS (S) 3A(A) RJT (R) ISO/IDF (I)
- Inlet/Outlet size
进/出口规格
- Connection method: Thread (M) Clamp (C) Flange (F)
连接方式: 螺纹(M) 卡箍(C) 法兰(F)
- Motor frequency
电机频率: 50HZ; 60HZ
- Voltage: 110V 220V 380V (see table)
电压: 110V 220V 380V (详见选型表)
- Motor power: 1.1kw 1.5kw 2.2kw.....
电机功率: 1.1kw 1.5kw 2.2kw.....
- Centrifugal pump head (see table)
离心泵扬程(详见选型表)
- Centrifugal pump flow(see table)
离心泵流量(详见选型表)
- Centrifugal pump model
离心泵型号
- Centrifugal pump code: DJ-CLX
离心泵代码: DJ-CLX

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

DJ-CLX

CENTRIFUGAL PUMP SELECTION TABLE

DJ-CLX 离心泵选型表

选型表 Selection table

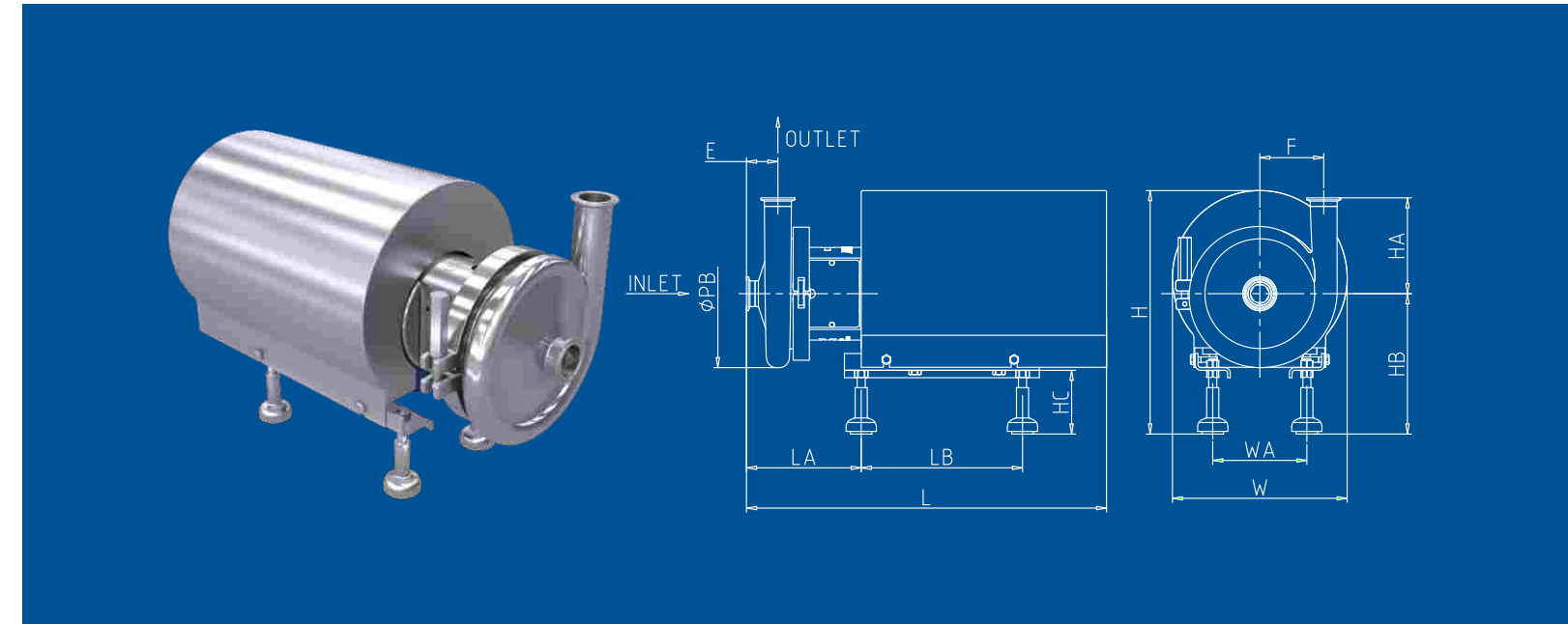
型号 Model	功率 Power	流量(m³/h) Flow	扬程(M) Head	进口/出口 Inlet/Outlet	理论重量 (KG)
DJ-CLX-05	0.55KW	1	20	1.5"/0.75"	19
	0.55KW	2	20		19
	0.75KW	3	19		22
	0.75KW	4	18		22
	0.75KW	5	16		22
DJ-CLX-10	1.1KW	3	22	1.5"/1.5"	30
	1.1KW	5	22		30
	1.5KW	3	22		36
	1.5KW	5	22		36
	1.5KW	8	22		36
	1.5KW	9	22		36
	1.5KW	12	20		36
	1.5KW	15	18		36
	2.2KW				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				42
3.0KW	20	16	54		
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				
DJ-CLX-20-2	5.5KW	30	30	2.5"/2"	83
	5.5KW	38	22		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		
7.5KW	45	28	86		

DJ-CLX

CENTRIFUGAL PUMP SELECTION TABLE DJ-CLX 离心泵选型表

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-CLX-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-CLX-30	5.5KW	10	60	2.5"/1.5"	83
	5.5KW	15	55		83
	7.5KW	20	50		87
	7.5KW	25	45		87
DJ-CLX-35-1	7.5KW	30	40	3"/1.5"	87
	11KW	10	70		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
DJ-CLX-35-2	15KW	45	50	3"/1.5"	165
	15KW	50	45		165
	15KW	20	70		165
	15KW	25	70		165
	15KW	30	70		165
	15KW	35	65		165
	18.5KW	45	60		174
	18.5KW	50	55		174
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
DJ-CLX-40-2	18.5KW	110	28	3"/2.5"	171
	15KW	50	50		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
	30KW	120	35		205
DJ-CLX40-2	30KW	130	30	3"/2.5"	263
	30KW	140	20		263

DJ-CLX SERIES CENTRIFUGAL PUMP DATA CHART DJ-CLX系列离心泵数据图

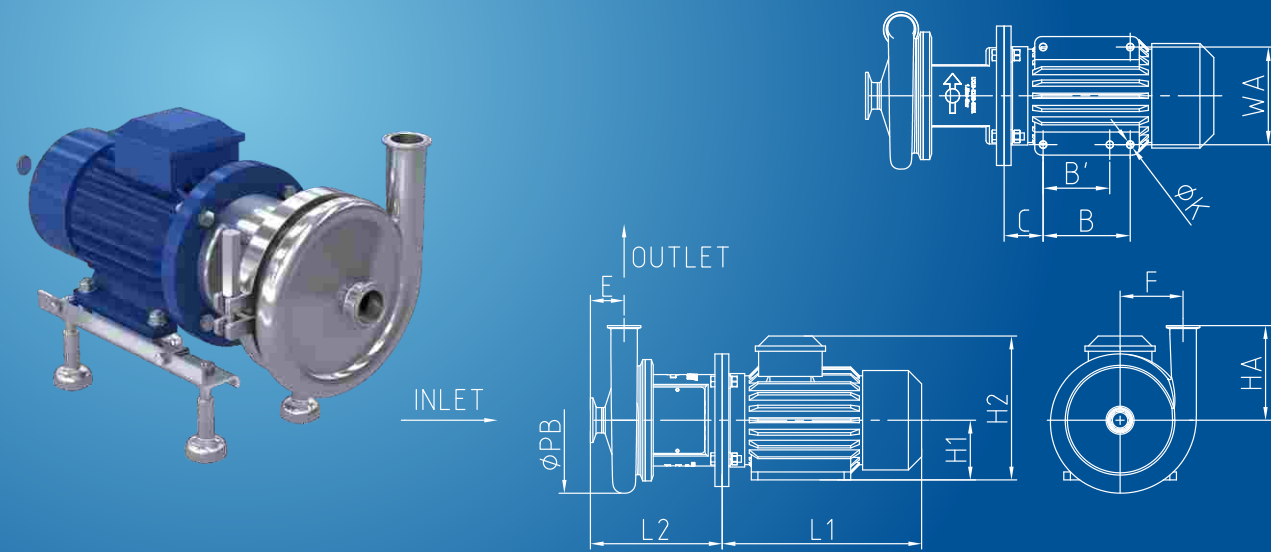


型号 Model	功率 Power (KW)	泵头规格 Pump head dimension		外形安装尺寸 Assembly dimension								进/出口连接方式 Inlet / outlet connection										
		进口/出口 Inlet/Outlet	PB	F	LB	H	HB	HC	W	WA	SMS 螺纹连接 (Thread)				INCH 卡箍连接 (Clamp)				DIN 螺纹连接 (Thread)			
											E	LA	HA	L	E	LA	HA	L	E	LA	HA	L
DJ-CLX05	0.37-0.55KW	1.5"/0.75"	169	53	240	298	170	94.8	204	112	42	146	109	448	35	139	103	441	42	146	107	448
	0.75-1.1KW	1.5"/0.75"	169	53	240	317	178	94.8	224	125	42	146	109	448	35	139	103	441	42	146	107	448
DJ-CLX10	1.1kw	1.5"/1.5"	220	77	240	337	199	94.8	250	125	51	168	150	514	43	160	143	506	51	168	150	514
	1.5-2.2KW	1.5"/1.5"	220	77	240	362	209	94.8	260	140	51	174	150	539	43	156	143	530	51	174	150	439
DJ-CLX15	1.5-2.2KW	2"/1.5"	265	100	240	362	209	94.8	260	140	45	175	180	540	38	167	173	532	46	176	180	541
	3KW	2"/1.5"	265	100	300	416	218	94.8	320	160	45	157	180	582	38	149	173	574	46	158	180	583
DJ-CLX20-1	3KW	2"/2"	265	101	300	416	218	94.8	320	160	41.5	151	200	576	34	144	193	569	42.5	152	201	577
	4KW	2"/2"	265	101	300	421	210	94.8	340	190	41.5	158	200	577	34	151	193	570	42.5	159	201	578
DJ-CLX20-2	5.5-7.5KW	2"/2"	265	101	330	466	231	94.8	380	216	41.5	197	200	676	34	189	193	669	42.5	198	201	677
	5.5-7.5KW	2.5"/2"	265	101	330	466	231	94.8	340	216	45.5	201	200	680	34	189	193	669	44.5	200	201	679
DJ-CLX25	4KW	2.5"/1.5"	322	128	300	421	210	94.8	340	190	44.5	164	210	583	33	162	203	571	43.5	163	210	582
	5.5-7.5KW	2.5"/1.5"	322	128	330	466	231	94.8	380	216	44.5	198	210	677	33	186	203	666	43.5	197	210	676
DJ-CLX30	5.5-7.5KW	2.5"/1.5"	322	128	330	466	231	94.8	380	216	44.5	198	210	677	33	186	203	666	43.5	197	210	676
DJ-CLX35-1	11-15KW	3"/1.5"	363	141	450	551	260	94.8	470	254	49.5	222	235	797	37	211	228	786	49.5	223	235	798
	15KW	3"/1.5"	363	141	450	551	260	94.8	470	254	49.5	222	235	797	37	211	228	786	49.5	223	235	798
DJ-CLX35-2	18.5KW	3"/1.5"	363	141	450	551	260	94.8	470	254	49.5	227	235	802	37	215	228	791	49.5	228	235	803
	11-15KW	3"/2.5"	328	120	450	551	260	94.8	470	254	62	239	239	814	60	227	228	802	62	239	238	814
DJ-CLX40-1	18.5KW	3"/2.5"	328	120	450	551	260	94.8	470	254	62	241	239	816	60	229	228	804	62	241	238	816
	22KW	3"/2.5"	328	120	515	583	281	94.8	510	279	62	234	239	909	60	222	228	897	62	234	238	909
DJ-CLX40-2	30KW	3"/2.5"	328	120	580	655	301	94.8	580	318	62	246	239	956	60	234	228	944	62	246	238	956

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 SERIES

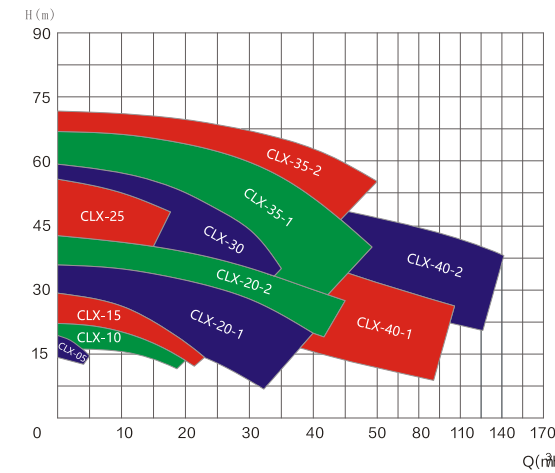
CENTRIFUGAL PUMP DATA CHART(WITHOUT COVER) DJ-CLX系列离心泵数据图(不带外罩)



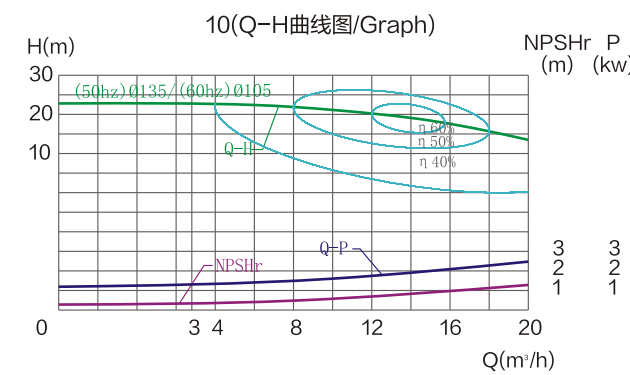
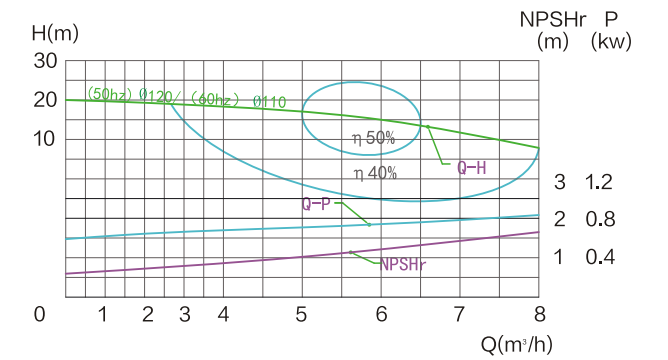
型号 Model	功率 Power (KW)	泵头规格 Pump head dimension		外形安装尺寸 Assembly dimension										进/出口连接方式 Inlet / outlet connection								
		进口/出口 Inlet/Outlet	PB	F	L1	H1	H2	B	B'	C	K	WA	SMS 螺纹连接 (Thread)			INCH 卡箍连接 (Clamp)			DIN 螺纹连接 (Thread)			
													E	L2	HA	E	L2	HA	E	L2	HA	
DJ-CLX05	0.37-0.55KW	1.5"/0.75"	169	75	227	71	175	100	\	50	7	125	42	156	109	35	149	103	42	156	107	
	0.75-1.1KW	1.5"/0.75"	169	75	269	80	192	100	\	50	10	125	42	156	109	35	149	103	42	156	107	
DJ-CLX10	1.1kw	1.5"/1.5"	220	93	269	80	192	100	\	50	10	125	51	198	150	43	190	143	51	198	150	
	1.5KW	1.5"/1.5"	220	93	285	90	217	100	\	56	10	140	51	198	150	43	190	143	51	198	150	
DJ-CLX15	2.2KW	1.5"/1.5"	220	93	285	90	217	125	\	56	10	140	51	198	150	43	190	143	51	198	150	
	1.5KW	2"/1.5"	265	114	285	90	217	100	\	56	10	140	45	199	180	38	191	173	46	200	180	
DJ-CLX20-1	2.2KW	2"/1.5"	265	114	301	90	217	125	\	56	10	140	45	199	180	38	191	173	46	200	180	
	3KW	2"/1.5"	265	114	316	100	240	140	\	63	12	160	45	199	180	38	191	173	46	200	180	
DJ-CLX20-2	3KW	2"/2"	265	109	316	100	240	140	\	63	12	160	41.5	193	200	34	186	193	42.5	194	201	
	4KW	2"/2"	265	109	351	112	252	140	\	70	12	190	41.5	193	200	34	186	193	42.5	194	201	
DJ-CLX25	5.5-7.5KW	2"/2"	265	109	399	132	301	140	\	89	12	216	41.5	193	200	34	186	193	42.5	194	201	
DJ-CLX30	5.5-7.5KW	2.5"/1.5"	322	142	399	112	252	140	\	70	12	190	44.5	199	210	33	187	203	43.5	198	210	
	5.5-7.5KW	2.5"/1.5"	322	142	399	132	301	140	\	89	12	216	44.5	199	210	33	187	203	43.5	198	210	
DJ-CLX35-1	11-15KW	3"/1.5"	363	162	477	160	413	254	210	108	15	254	49.5	267	235	37	254	228	49.5	267	235	
	15KW	3"/1.5"	363	162	477	160	413	254	210	108	15	254	49.5	267	235	37	254	228	49.5	267	235	
DJ-CLX35-2	18.5KW	3"/1.5"	363	162	477	160	413	254	210	108	15	254	49.5	267	235	37	254	228	49.5	267	235	
	11-15KW	3"/2.5"	328	137	477	160	413	254	210	108	15	254	62	282	239	60	270	228	62	282	238	
DJ-CLX40-1	18.5KW	3"/2.5"	328	137	477	160	413	254	210	108	15	254	62	282	239	60	270	228	62	282	238	
	22KW	3"/2.5"	328	137	573	180	434	279	241	120	15	279	62	282	239	60	270	228	62	282	238	
DJ-CLX40-2	30KW	3"/2.5"	328	137	618	200	473	305	267	133	19	318	62	282	239	60	270	228	62	282	238	

DJ-CLX SERIES

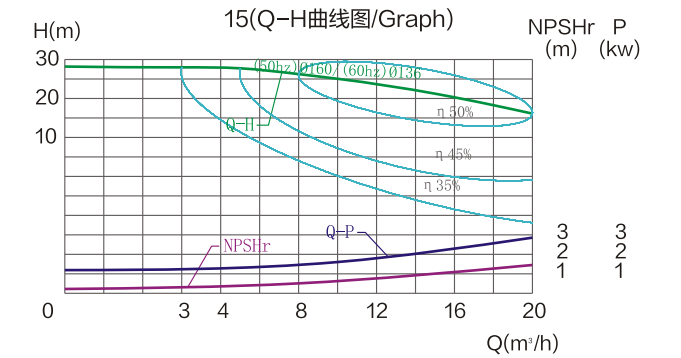
CENTRIFUGAL PUMP GRAPH DJ-CLX系列离心泵曲线图



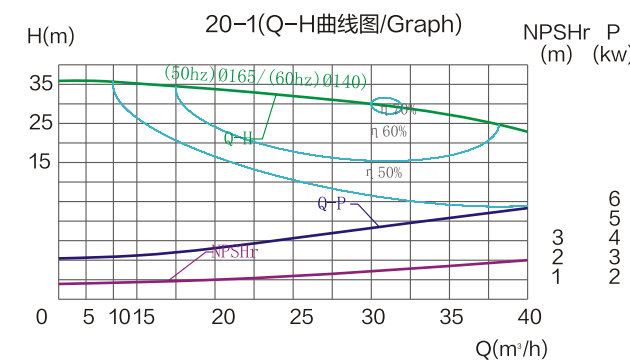
CLX-05(Q-H曲线图/Graph)



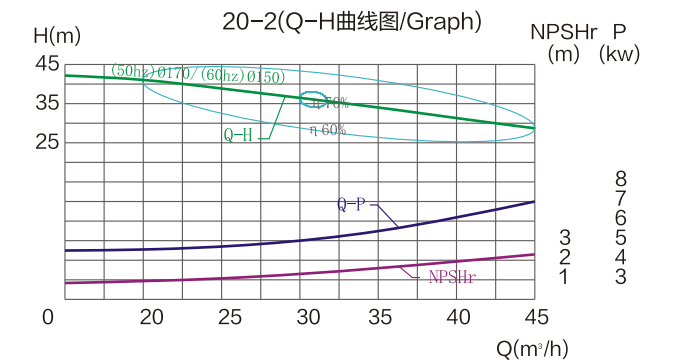
10(Q-H曲线图/Graph)



15(Q-H曲线图/Graph)



20-1(Q-H曲线图/Graph)



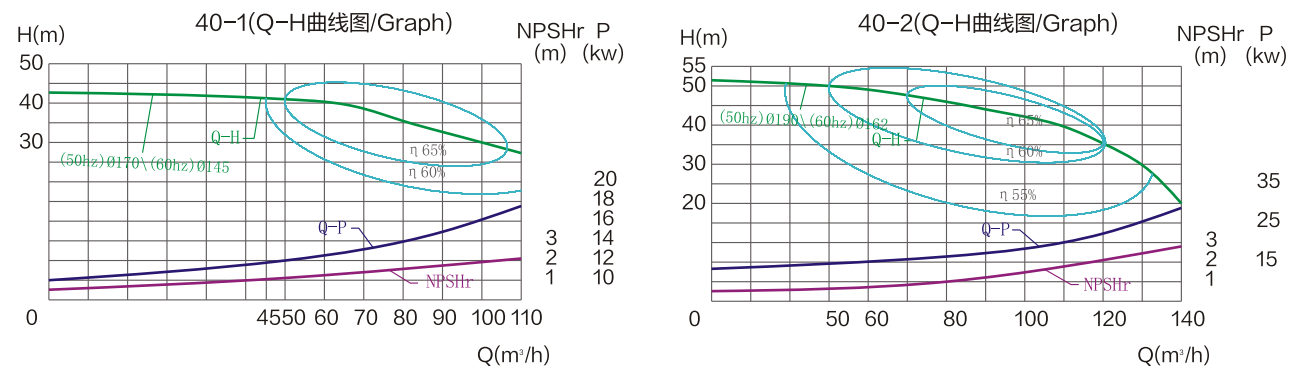
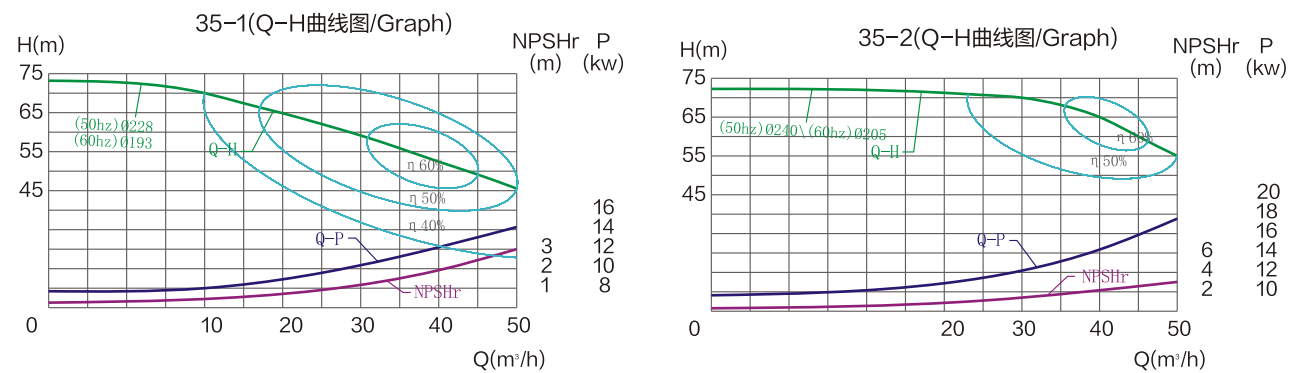
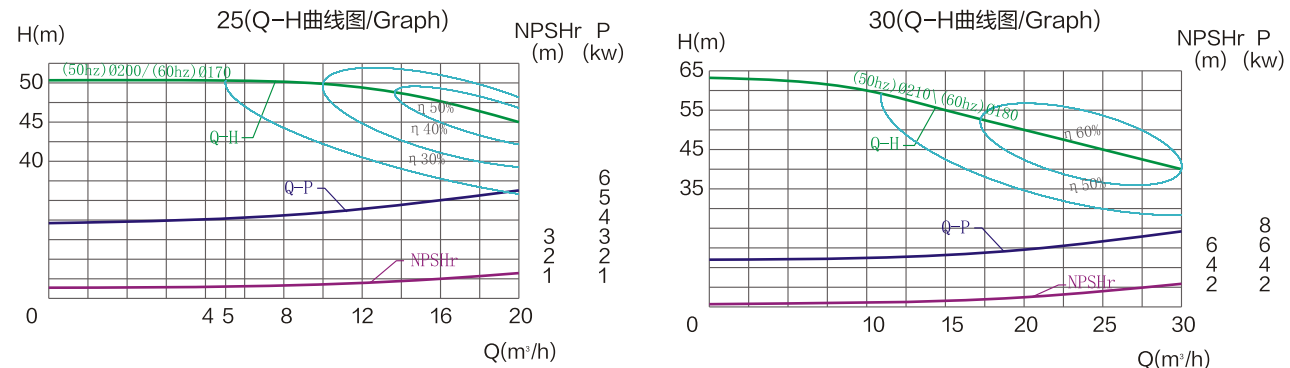
20-2(Q-H曲线图/Graph)

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 SERIES

CENTRIFUGAL PUMP GRAPH

DJ-SLX系列离心泵曲线图



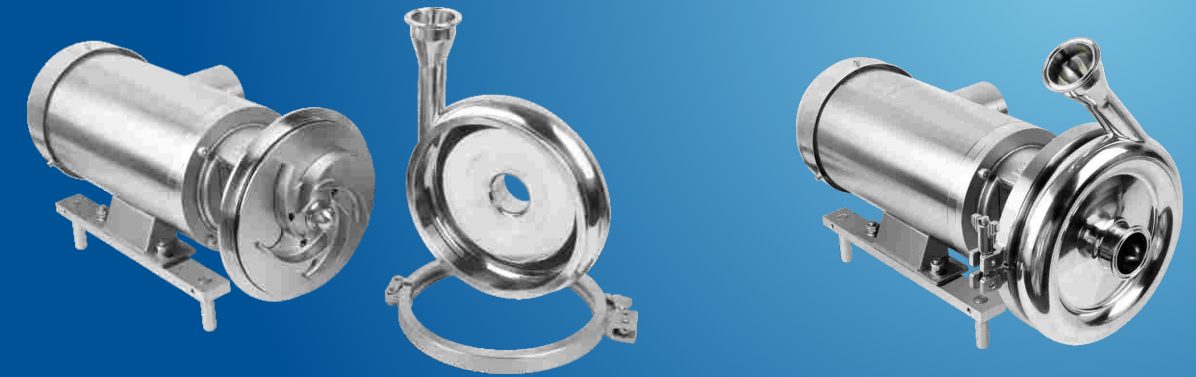
测试条件: 介质清水, 温度20℃, 叶轮转速2900 R.P.M
 (此曲线图亦适用电机60Hz, 叶轮转速3600R.P.M) Q-流量(m³/h), H-扬程(M), P-功率(KW), η%-泵效率。
 Testing condition: medium water, temperature 20 °C, impeller speed 2900 RPM (This graph also applies to motor 60HZ, impeller speed 3600RPM) Q-Flow rate (m³/h), H-head (meter), P-power (KW), η % pump efficiency

DJ-SCLX

SERIES CENTRIFUGAL PUMP

DJ-SCLX系列离心泵

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

流量 Flow	120m³/h
扬程 Head	70M
温度 Temperature	-20℃到140℃ From -20℃ to 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% 双相钢 Dual-phase steel 2205, 哈氏合金 Hastelloy alloy C276
表面处理 Surface treatment	≤ Ra0.8 μm, ≤ Ra0.6 μm, EP≤ Ra0.4 μm
机封 Mechanical seal	单机封、双机封, 详见配置单 Single mechanical seal, double mechanical seal, details 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-02-12(N.O.1579); MD/06/42-EC(N.O.70521616101-00); FDA 177.2600; USP CLASS-II; EG/VO1935/2004

DJ-SCLX

SERIES CENTRIFUGAL PUMP

DJ-SCLX系列离心泵

DJ-SCLX SERIES

CENTRIFUGAL PUMP VARIOUS CONFIGURATIONS

DJ-SCLX系列离心泵各种配置



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



卡箍式进/出口
Clamp Inlet/Outlet



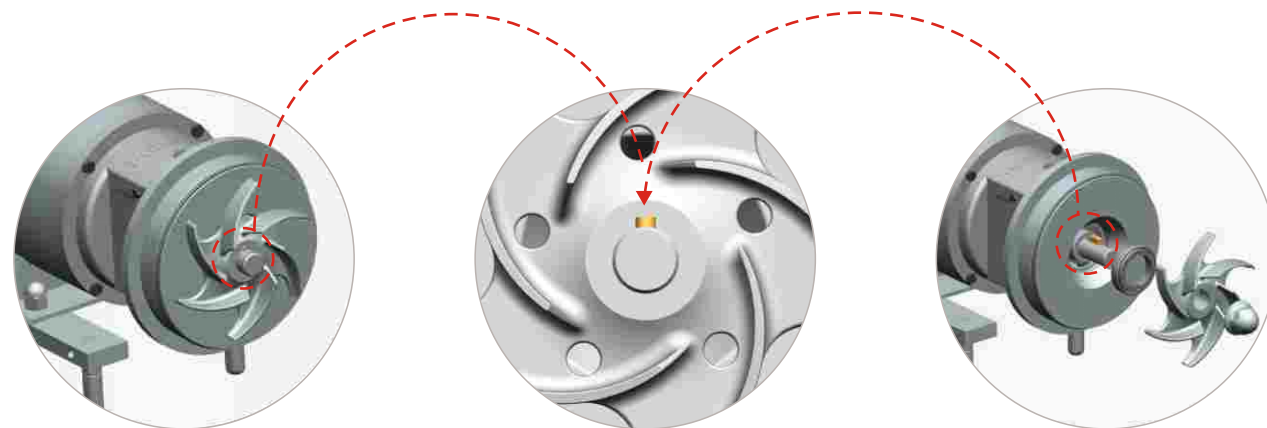
螺纹接口
Thread Inlet/Outlet



由任螺母
Union Inlet/Outlet



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

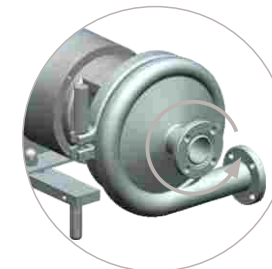


技术优势

- ◆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.



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

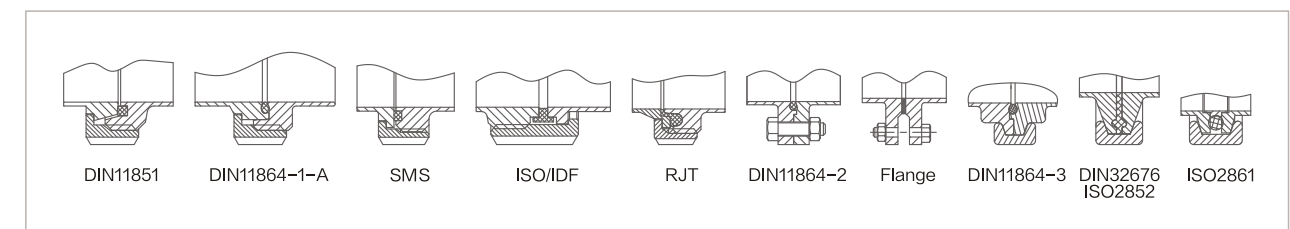


泵进口/出口连接标准

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。

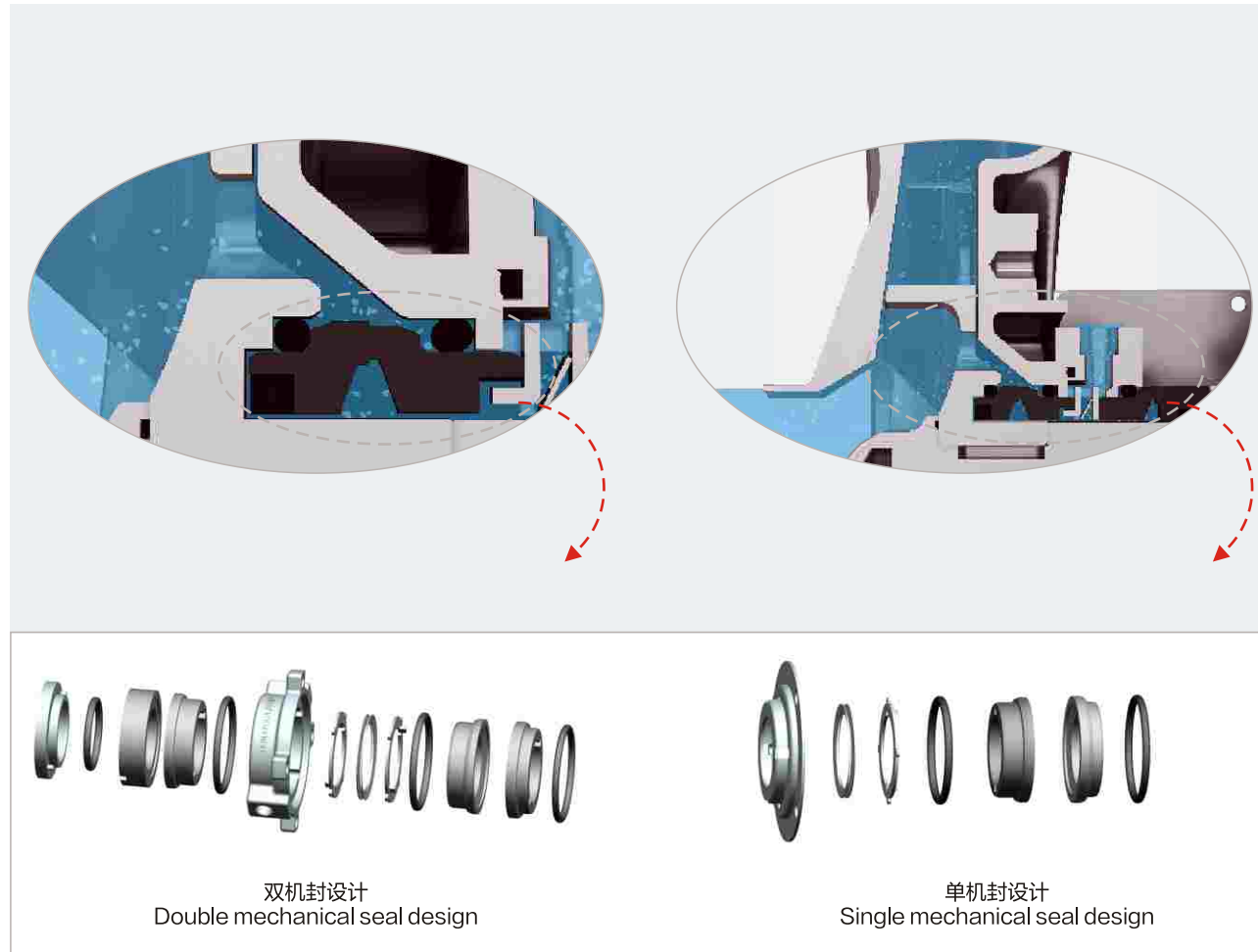
Pump Inlet/outlet Connection Standard

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



DJ-SCLX SERIES

CENTRIFUGAL PUMP MECHANICAL SEAL DESIGN
DJ-SCLX系列离心泵机封设计



机封系统 Mechanical Seal Features

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-02-12，FDA1772600 等高洁净要求。并有丰富的机封配置方案。

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-02-12, FDA1772600 and so on, and has lots of configuration.

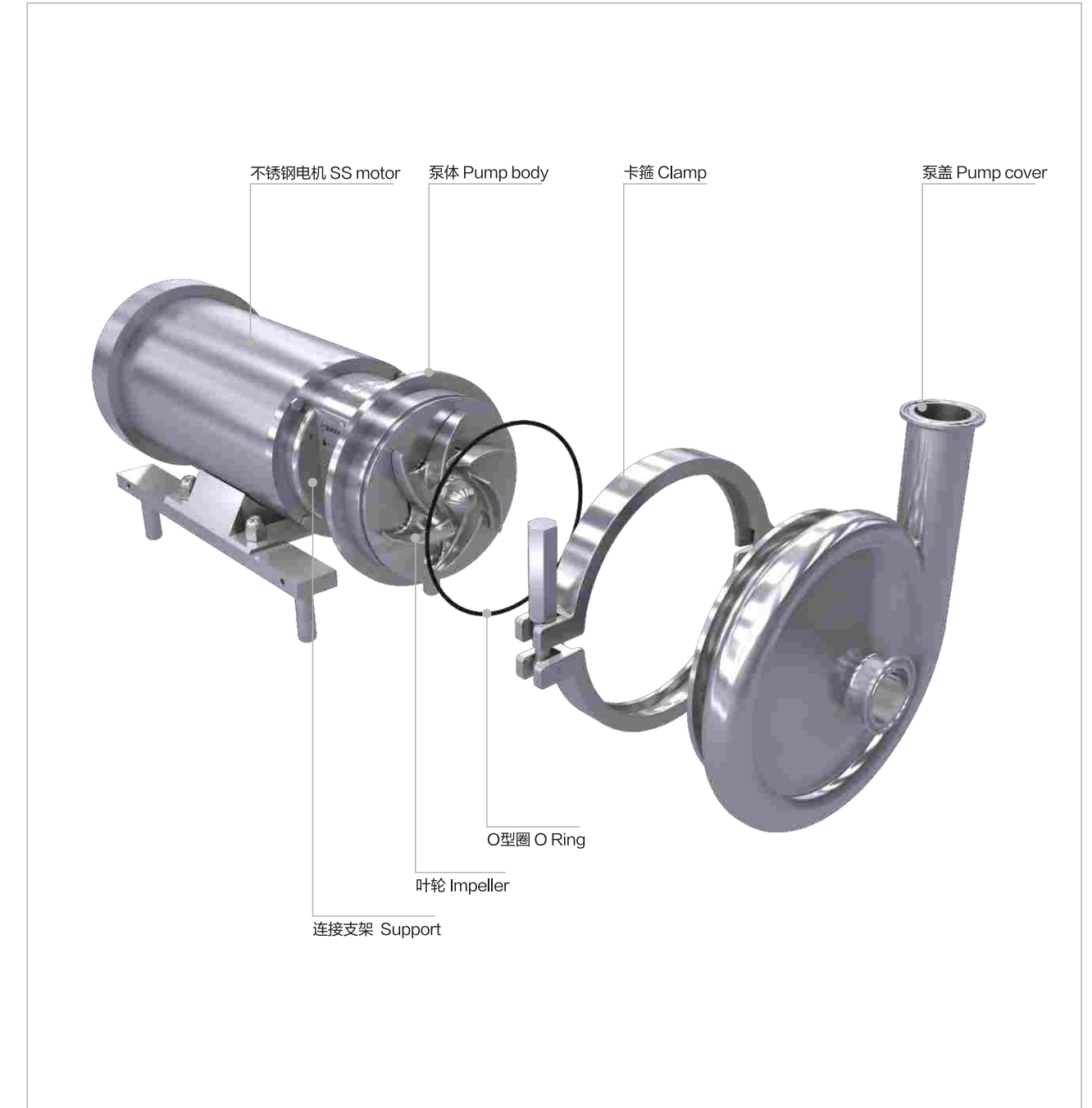
机封配置 Mechanical Seal Configuration

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 SERIES

CENTRIFUGAL PUMP MECHANICAL SEAL DESIGN
DJ-SCLX系列离心泵机封设计



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.

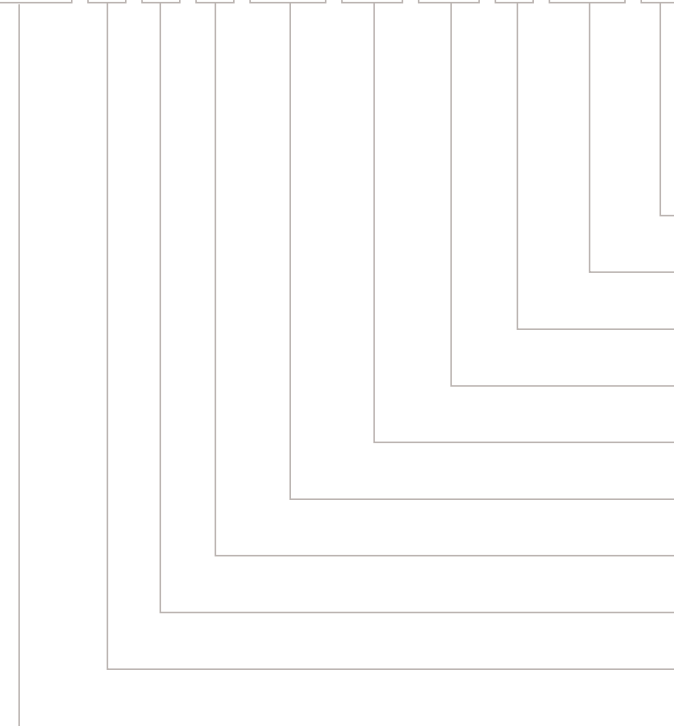
DJ-SCLX

CENTRIFUGAL PUMP MODEL INSTRUCTION

DJ-SCLX离心泵型号说明



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



- Connection standard
连接标准: DIN (D) SMS (S) 3A(A) RJT (R) ISO/IDF (I)
- Inlet/Outlet size
进/出口规格
- Connection method: Thread (M) Clamp (C) Flange (F)
连接方式: 螺纹(M) 卡箍(C) 法兰(F)
- Motor frequency
电机频率: 50HZ; 60HZ
- Voltage: 110V 220V 380V (see table)
电压: 110V 220V 380V (详见选型表)
- Motor power: 1.1kw 1.5kw 2.2kw.....
电机功率: 1.1kw 1.5kw 2.2kw.....
- Centrifugal pump head (see table)
离心泵扬程(详见选型表)
- Centrifugal pump flow(see table)
离心泵流量(详见选型表)
- Centrifugal pump model
离心泵型号
- Centrifugal pump code: DJ-SCLX
离心泵代码: DJ-SCLX

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

DJ-SCLX

CENTRIFUGAL PUMP SELECTION TABLE

DJ-SCLX离心泵选型表

选型表 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-SCLX-10	1.1KW	3	22	1.5"/1.5"	36.1
	1.1KW	5	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	18	16		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	10	25		48.5
	2.2KW	15	22		48.5
	2.2KW	18	18		48.5
	3.0KW	18	18		58
	2.2KW	20	16		48.5
	3.0KW	20	16		58
	2.2KW	5	36		2"/2"
3.0KW	5	36	60.0		
3.0KW	10	36	60.0		
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	112.0		
DJ-SCLX20-2	5.5KW	20	40	2.5"/2"	111.0
	5.5KW	25	37		111.0
	5.5KW	30	36		111.0
	5.5KW	36	32		111.0
	7.5KW	40	30		111.0
	7.5KW	45	28		111.0
DJ-SCLX-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

DJ-SCLX

CENTRIFUGAL PUMP SELECTION TABLE

DJ-SCLX离心泵选型表

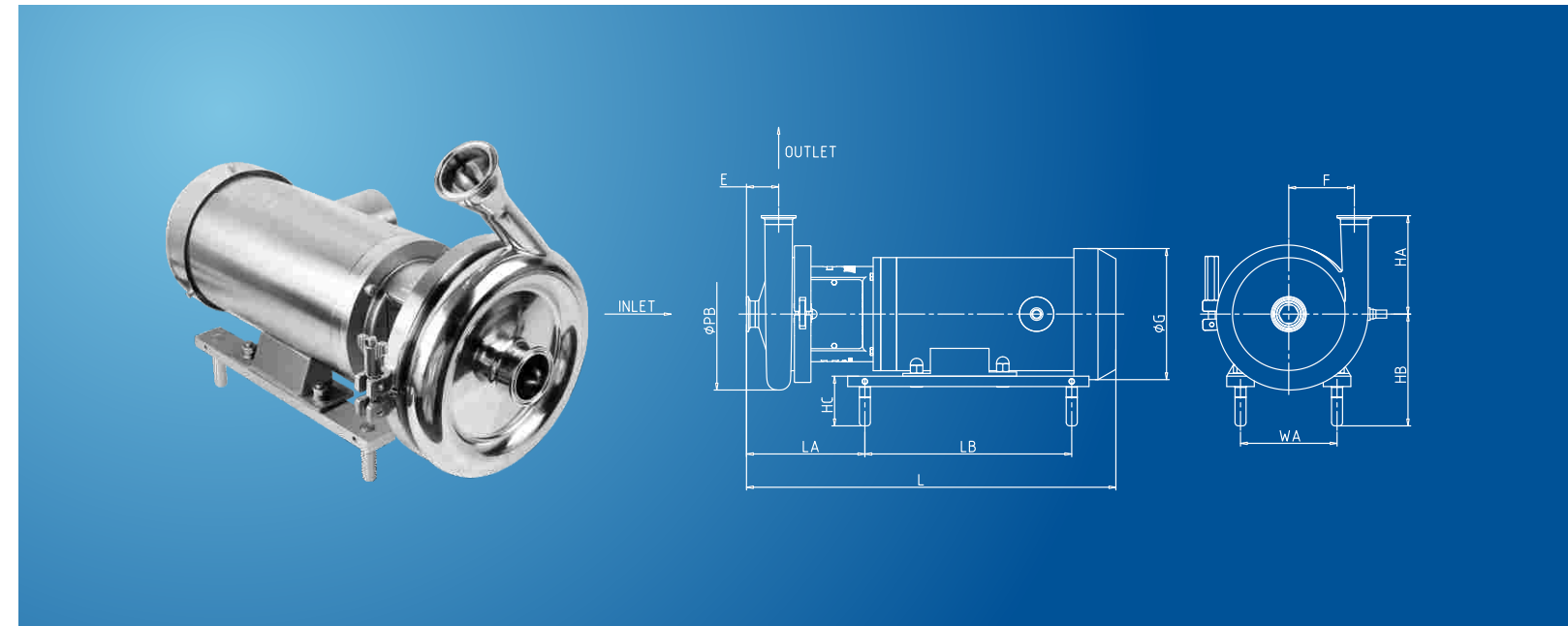
选型表 Selection table

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-SCLX-30	5.5KW	10	60	2.5"/1.5"	111
	5.5KW	15	55		111
	7.5KW	20	50		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
DJ-SCLX-35-2	15KW	50	45	3"/1.5"	159
	15KW	20	70		159
	15KW	25	70		159
	15KW	30	70		159
	15KW	35	65		159
	18.5KW	45	60		174
	18.5KW	50	55		174
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
	18.5KW	110	28		172
	DJ-SCLX-40-2	15KW	50		50
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 SERIES

CENTRIFUGAL PUMP DATA CHART

DJ-SCLX系列离心泵数据图



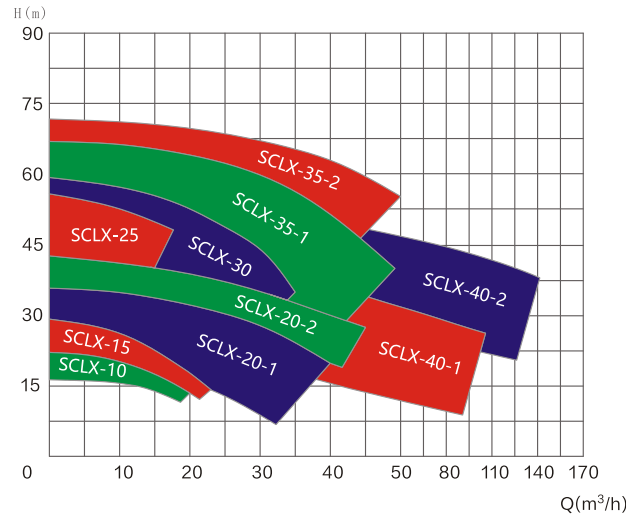
型号 Model	功率 Power (KW)	泵头规格 Pump head dimension		外形安装尺寸 Assembly dimension						进/出口连接方式 Inlet / outlet connection											
		进口/出口 Inlet/Outlet	PB	F	LB	G	HB	HC	WA	SMS 螺纹连接 (Thread)				INCH 卡箍连接 (Clamp)				DIN 螺纹连接 (Thread)			
										E	LA	HA	L	E	LA	HA	L	E	LA	HA	L
DJ-SLX10	1.1kw	1.5"/1.5"	220	93	300	165	152	72	125	51	119	150	484	43	111	143	476	51	119	150	484
	1.5-2.2KW	1.5"/1.5"	220	93	300	190	162	72	140	51	170	150	529	43	162	143	521	51	170	150	529
DJ-SLX15	1.5-2.2KW	2"/1.5"	265	114	300	190	162	72	140	45	165	180	529	38	157	173	521	46	166	180	530
	3KW	2"/1.5"	265	114	300	196	172	72	160	45	183	180	585	38	176	173	577	46	184	180	586
DJ-SLX20-1	3KW	2"/2"	265	109	300	196	172	72	160	41.5	176	200	579	34	168	193	572	42.5	177	201	580
	4KW	2"/2"	265	109	350	240	184	72	190	41.5	155	200	610	34	148	193	603	42.5	156	201	611
DJ-SLX20-2	5.5-7.5KW	2"/2"	265	109	450	240	204	72	216	41.5	182	200	760	34	174	193	752	42.5	183	201	761
	5.5-7.5KW	2.5"/2"	265	109	450	240	204	72	216	45.5	186	200	764	34	174	193	752	44.5	185	201	763
DJ-SLX25	4KW	2.5"/1.5"	322	142	350	240	184	72	190	44.5	152	210	607	33	141	203	596	43.5	151	210	606
	5.5-7.5KW	2.5"/1.5"	322	142	450	240	204	72	216	44.5	174	210	752	33	163	203	741	43.5	173	210	751
DJ-SLX30	5.5-7.5KW	2.5"/1.5"	322	142	450	240	204	72	216	44.5	174	210	752	33	163	203	741	43.5	173	210	751
DJ-SLX35-1	11-15KW	3"/1.5"	363	162	550	330	232	72	254	49.5	202	235	877	37	189	228	786	49.5	202	235	877
	15KW	3"/1.5"	363	162	550	330	232	72	254	49.5	202	235	877	37	189	228	786	49.5	202	235	877
DJ-SLX35-2	18.5KW	3"/1.5"	363	162	550	330	232	72	254	49.5	202	235	877	37	189	228	791	49.5	202	235	877
	11-15KW	3"/2.5"	328	137	550	330	232	72	254	62	219	239	892	60	207	228	880	62	219	238	892
DJ-SLX40-1	18.5KW	3"/2.5"	328	137	550	330	232	72	254	62	219	239	892	60	207	228	880	62	219	238	892
	22KW	3"/2.5"	328	137	550	355	252	72	279	62	233	239	913	60	221	228	901	62	233	238	913

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

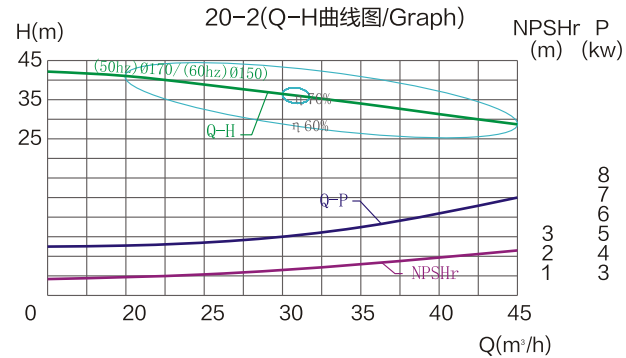
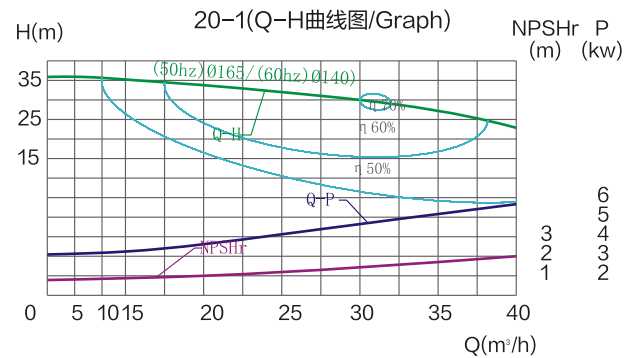
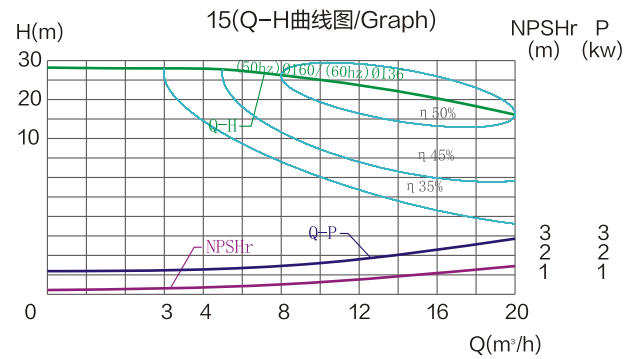
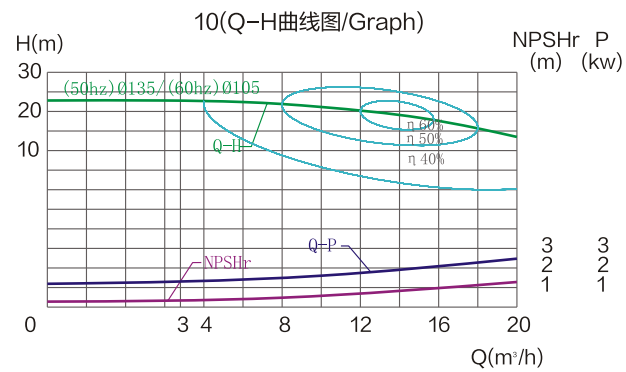
CENTRIFUGAL PUMP GRAPH

DJ-SCLX离心泵曲线图



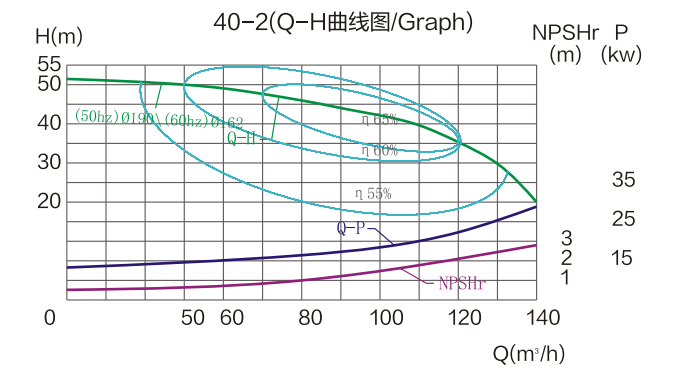
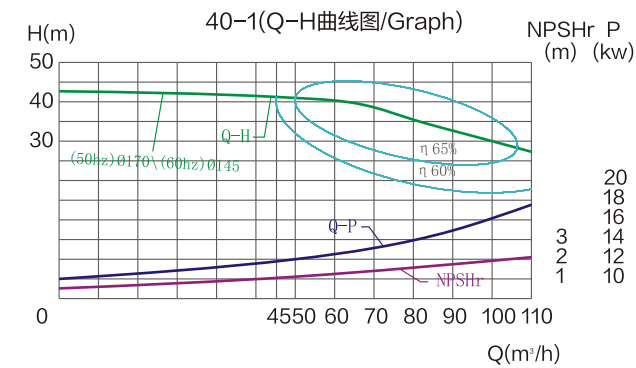
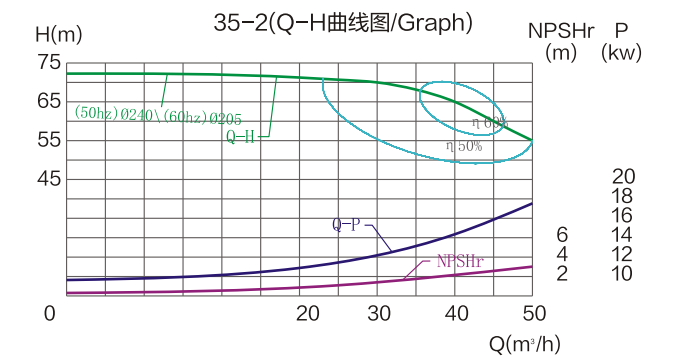
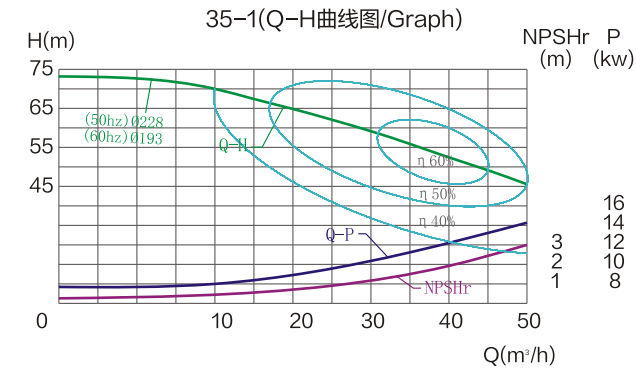
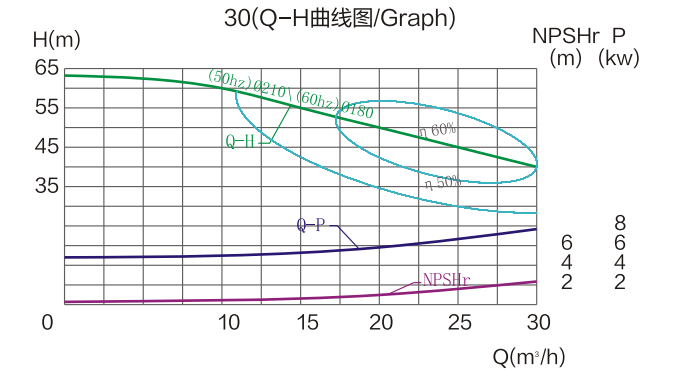
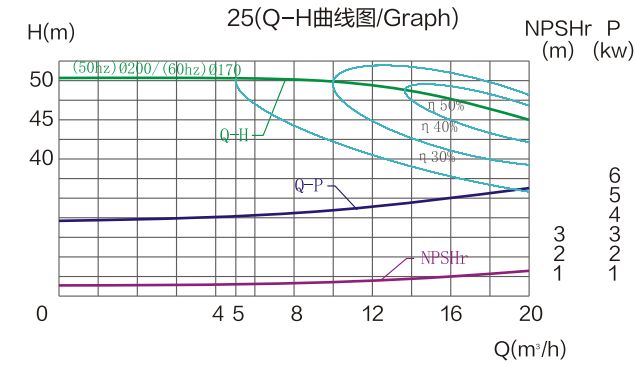
测试条件:
 介质清水, 温度20℃, 叶轮转速2900 R.P.M
 (此曲线图亦适用电机60Hz, 叶轮转速3600R.P.M)
 Q-流量(m³/H), H-扬程(M), P-功率(KW), η%-泵效率。

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



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



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-BS

SERIES CENTRIFUGAL PUMP

DJ-BS系列离心泵

高效率、低噪音、
维护简单经济
Solution for high efficiency,
low noise, simple and economical
maintenance, high purity



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

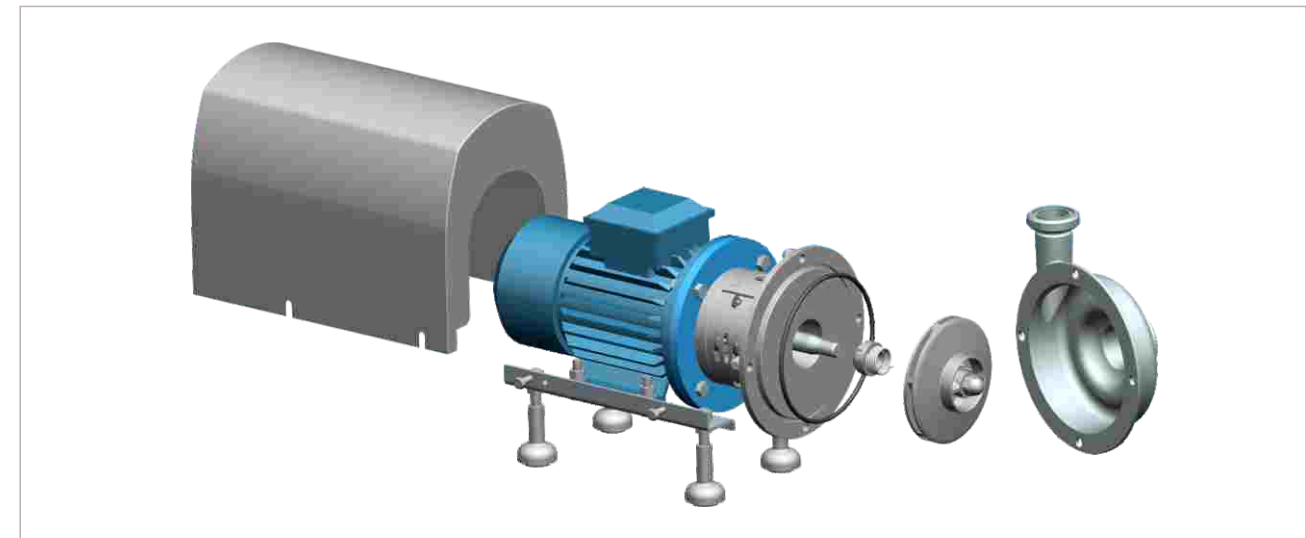


DONJOY DJ-BS 系列是一款闭式叶轮离心泵、其内部结构简单、机封压力平衡设计，它适用于各种食品饮料、酿酒、水处理等各种液体输送的工业领域，同时满足CIP清洗、SIP杀菌等。另外我们对DJ-BS 系列泵保持了最大的灵活性组合应用，如，泵出口角度可以从0° -135° 之间任意调整，各种不同连接进出口方式，丰富的机封材质组合应用。同时保持了维护保养高效性，降低了人员高度专业性的要求，而完成这些工作无需特殊专用工具。因而达到了、高效、卫生、高可靠性及低成本的目的，使DJ-BS 系列离心泵成为一款高性能低成本的泵。

DONJOY DJ-BS series is a closed impeller centrifugal pump with simple internal structure and pressure balance design. It is suitable for various liquid transportation industries such as food and beverage, brewing and water treatment, and meets CIP cleaning, SIP sterilization, etc. In addition, we have maintained the most flexible combination application for DJ-BS series pumps. For example, the pump outlet angle can be adjusted from 0° to 135°, various connection and import modes, and a wide range of machine seal materials. At the same time, the maintenance efficiency is maintained, and the high professionalism of the personnel is reduced, and no special special tools are required to complete these tasks. Therefore, the goal of achieving high efficiency, hygiene, high reliability and low cost is to make the DJ-BS series centrifugal pump a high-performance and low-cost pump.

技术参数 Technical Specifications

最大流量 Max flow	50m ³ /h
最高扬程 Max head	210M
最高温度 Max temperature	-10℃-140℃
材质 Material	304 /316L, 1.431/1.4404, ASME BPE 316L, 1.4435 NB2 Fe≤0.5% 双相钢 Dual-phase steel 2205, 哈氏合金 Hastelloy alloy C276
表面处理 Surface treatment	≤ Ra0.8 μm, ≤ Ra0.6 μm, ≤ Ra0.4 μm
机封 Machine seal	单机封、双机封 Single seal, double seal
机封配置 Machine seal configuration	详见机封配置表 See mechanical seal configuration table
进/出口连接 Inlet/Outlet connection	螺纹、卡箍、法兰、无菌法兰 Threads, clamps, flanges, aseptic flanges
认证 Certified	3-A-02-12(N.O.1579); MD/06/42-EC (N.O.70521616101-00); FDA 177.2600; USP CLASS-II; EG/VO1935/2004



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。
- ◆ 该泵为顺时针旋转，禁止反向旋转。(从电机后面可以判断旋转方向)

Technical Advantages

- ◆ Maintenance disassembly and installation can be completed without professional staff and special tools.
- ◆ This pump only rotate clockwise, forbid to rotate counterclockwise. (can check rotation direction from backside)

DJ-BS SERIES

CENTRIFUGAL PUMP VARIOUS CONFIGURATIONS

DJ-BS系列离心泵各种配置



螺纹接口
Thread connection



卡箍连接
Clamp connection



由任螺母
Union nut



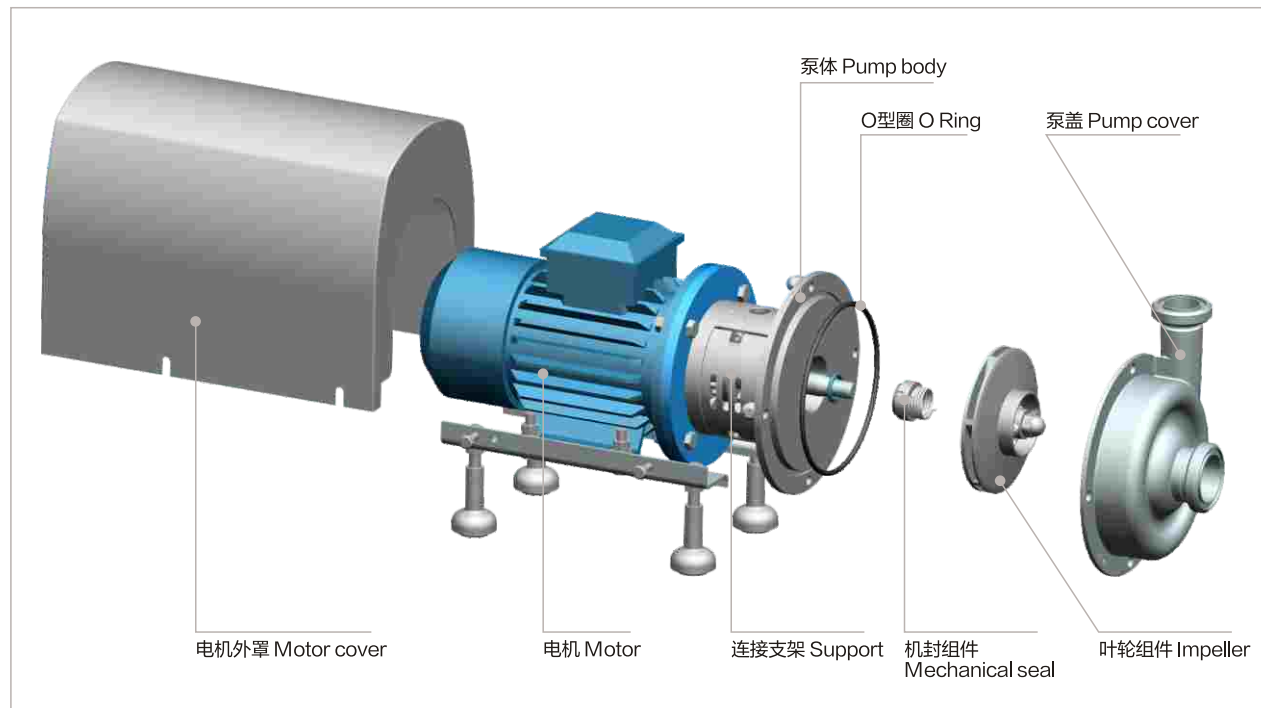
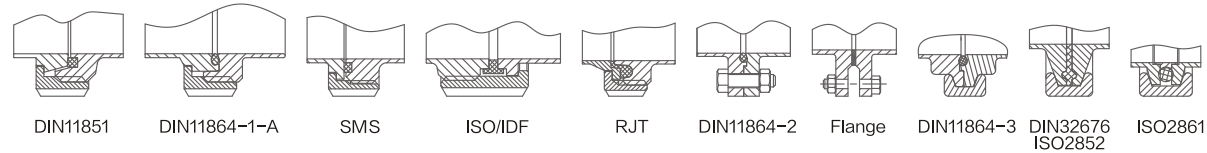
法兰连接进/出口
Flange connection inlet / outlet

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

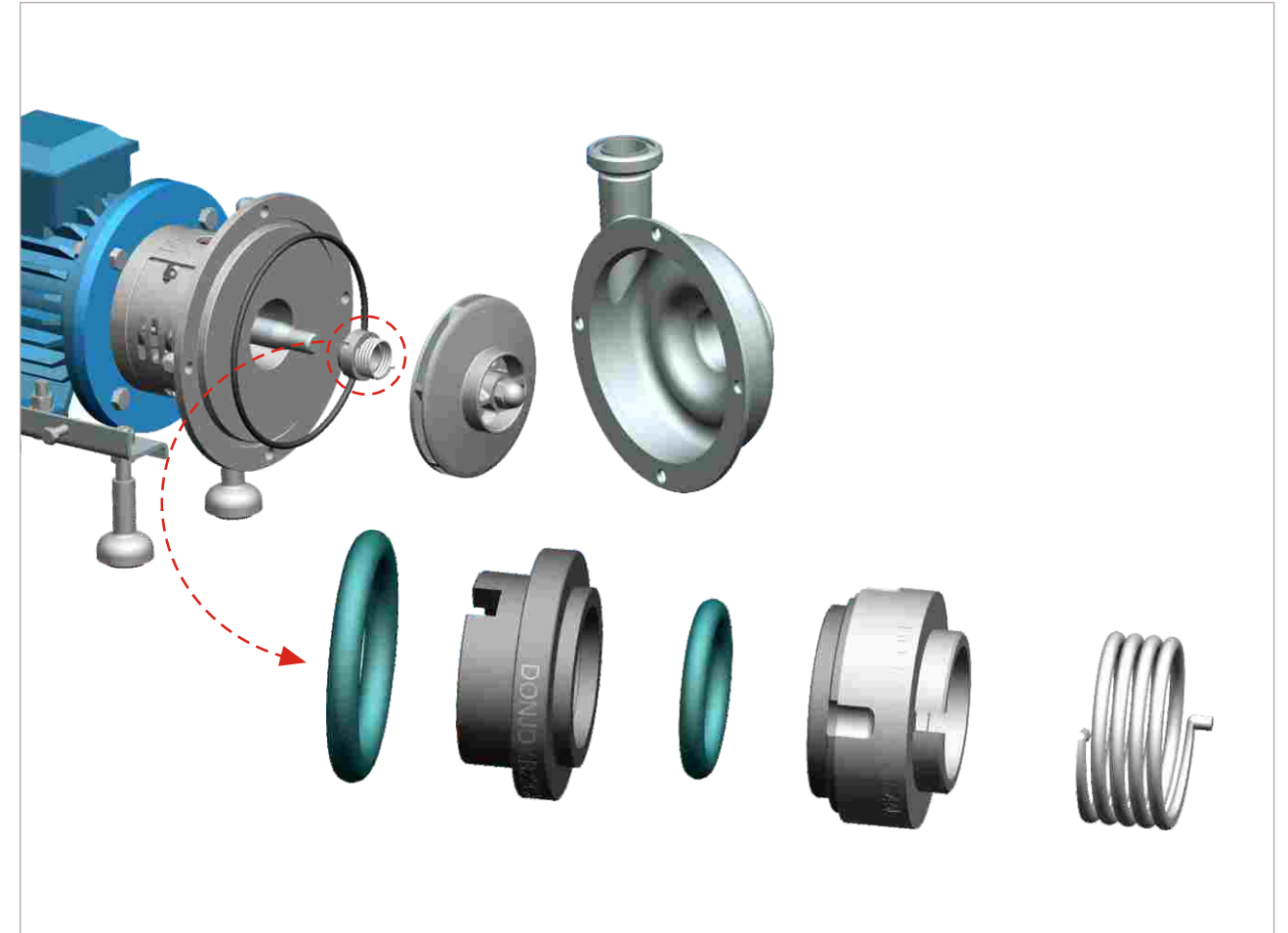
Connection: Thread, Clamp, Flange, Aseptic flange, KF etc.
Standard: DIN SMS ISO IDF RJT ASME BPE 3A I-line



DJ-BS SERIES

CENTRIFUGAL PUMP MECHANICAL SEAL DESIGN

DJ-BS系列离心泵机封设计



机封系统 Mechanical Seal Features

DONJOY DJ-BS 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-02-12, FDA1772600等高洁净要求。并有丰富的机封配置方案。
Donjoy DJ-BS 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-02-12, FDA1772600 and so on, and has lots of configuration.

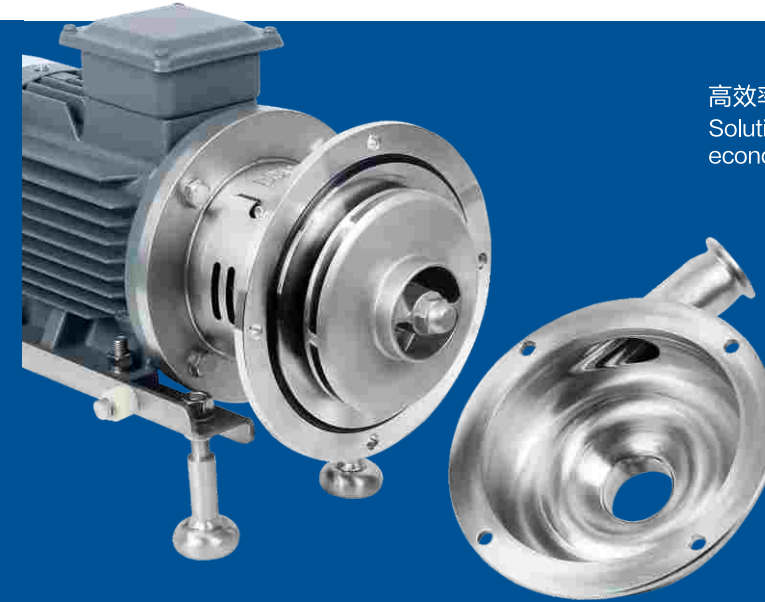
机封配置 Mechanical Seal Configuration

- | | |
|---------------|-----------------|
| 1) SIC/C/EPDM | 4) SIC/SIC/EPDM |
| 2) SIC/C/FKM | 5) SIC/SIC/FKM |
| 3) SIC/C/HNBR | 6) SIC/SIC/HNBR |

注意：以上配置适用于单机封
Note: The above machine seal material is suitable for single seal

DJ-BS SERIES

CENTRIFUGAL PUMP MODEL INSTRUCTION DJ-BS系列离心泵型号说明



高效率、低噪音、维护简单经济
Solution for high efficiency, low noise, simple and economical maintenance, high purity



DJ-BS 10 6t 22 1.5KW 380V 50HZ M 1.5/1.5 S

- Connection standard
连接标准: DIN (D) SMS (S) 3A(A) RJT (R) ISO/IDF (I)
- Inlet/Outlet size
进/出口规格
- Connection method: Thread (M) Clamp (C) Flange (F)
连接方式: 螺纹(M)卡箍(C)法兰(F)
- Motor frequency
电机频率: 50HZ; 60HZ
- Voltage: 110V 220V 380V (see table)
电压: 110V 220V 380V (详见选型表)
- Motor power: 1.1kw 1.5kw 2.2kw.....
电机功率: 1.1kw 1.5kw 2.2kw.....
- Centrifugal pump head (see table)
离心泵扬程(详见选型表)
- Centrifugal pump flow (see table)
离心泵流量(详见选型表)
- Centrifugal pump model
离心泵型号
- Centrifugal pump code: DJ-BS
离心泵代码: DJ-BS

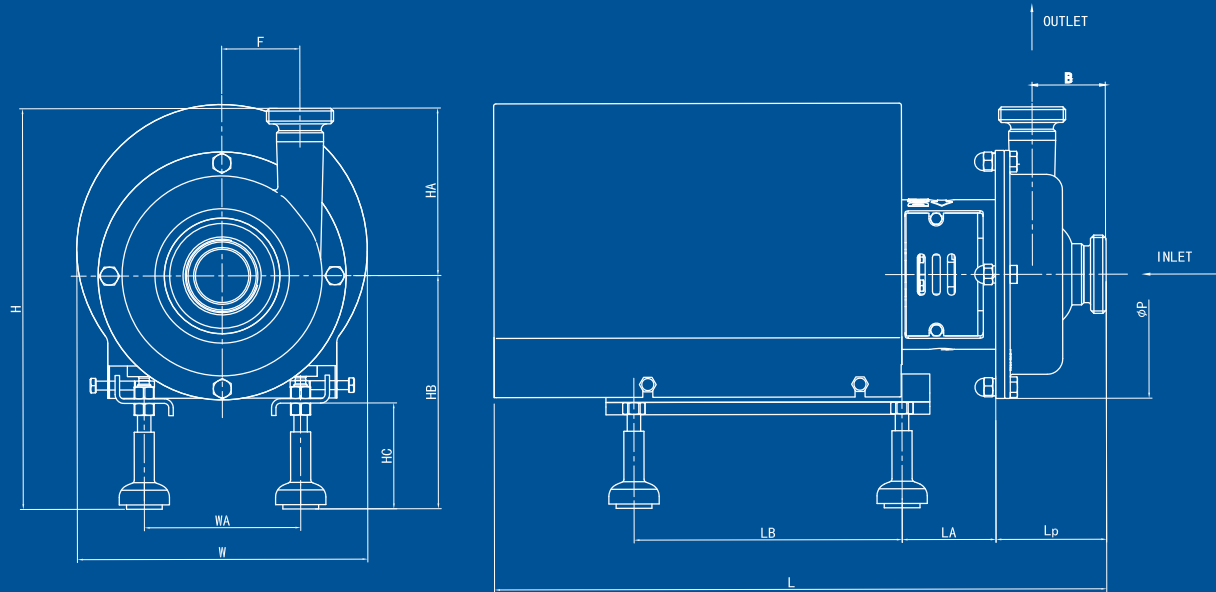
举例 For example:
DJ-BS-10-6T-22-1.5KW-380V-50HZ-M-1.5"/1.5"-S

BS 离心泵选型表 Centrifugal pump selection table

型号 Model	功率 Power	流量 Flow(m³/h)	扬程 Head(M)	进口/出口 Inlet/Outlet
BS-4	2.2KW	20	14	2"/1.5"
	2.2KW	18	18	
	2.2KW	15	21	
	2.2KW	12	23	
	2.2KW	10	24	
	1.5KW	8	25	
BS-6	1.5KW	5	25	2.5"/2"
	1.5KW	3	26	
	4KW	29	13	
	4KW	25	20	
	3KW	20	25	
	3KW	15	27	
BS-10	3KW	12	29	3"/2"
	3KW	10	30	
	3KW	5	32	
	5.5KW	35	19	
	5.5KW	30	26	
	4KW	25	26	
BS-12	4KW	20	29	2.5"/2"
	3KW	10	34	
	3KW	5	36	
	5.5KW	40	25	
	5.5KW	35	29	
	5.5KW	30	31	
BS-12	5.5KW	25	31	3"/2"
	4KW	20	33	
	4KW	15	35	
	3KW	10	37	

DJ-BS

CENTRIFUGAL PUMP DATA CHART DJ-BS 离心泵数据图



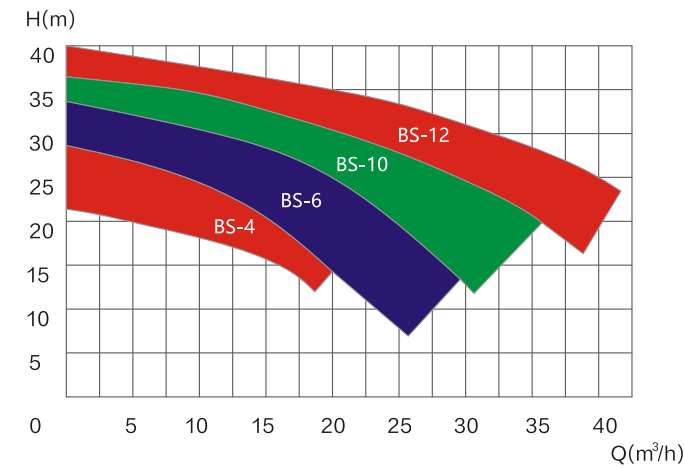
型号 Model	泵头规格 Pump Dimension					外形安装尺寸 Assembly dimension							
	功率Power (KW)	进口Inlet d" /DN	出口Inlet d" /DN	ΦP	机械密封 mechanical seal size	F	LA	LB	H	HB	HC	W	WA
BS-4	1.5KW-2.2KW	2"/DN50	1.5"/DN40	222	22	70	84	240	362	189	95	260	140
BS-6	3KW	2.5"/DN65	2"/DN50	245	22	84.3	74	300	409	218.5	95	320	160
	4KW	2.5"/DN65	2"/DN50	245	22	84.3	81	300	414	211	95	340	160
BS-10 BS-12	3KW	2.5"/DN65	2"/DN50	245	22	84.3	74	300	409	218.5	95	320	160
	4KW	2.5"/DN65	2"/DN50	245	22	84.3	81	300	414	211	95	340	160
	5.5KW	3"/DN80	2"/DN50	245	22	84.3	90	330	468	231	95	380	216

型号 Model	泵头规格 Pump Dimension					外形安装尺寸 Assembly dimension											
	功率Power (KW)	进口Inlet d" /DN	出口Inlet d" /DN	ΦP	机械密封 mechanical seal size	SMS 螺纹连接 (Thread)				INCH 卡箱连接 (Clamp)				DIN 螺纹连接 (Thread)			
						B	Lp	L	HA	B	Lp	L	HA	B	Lp	L	HA
BS-4	1.5KW-2.2KW	2"/DN50	1.5"/DN40	222	22	66	99	548	150	59	92	541	143	66	99	548	150
BS-6	3KW	2.5"/DN65	2"/DN50	245	22	80	122	620	174	69	111	609	167	81	123	621	174
	4KW	2.5"/DN65	2"/DN50	245	22	80	122	620	174	69	111	609	167	81	123	621	174
BS-10 BS-12	3KW	2.5"/DN65	2"/DN50	245	22	80	122	620	174	69	111	609	167	81	123	621	174
	4KW	2.5"/DN65	2"/DN50	245	22	80	122	620	174	69	111	609	167	81	123	621	174
	5.5KW	3"/DN80	2"/DN50	245	22	81	123	693	174	69	111	681	167	86	128	713	174

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. Dongzheng reserves the right to update the data without further notice.

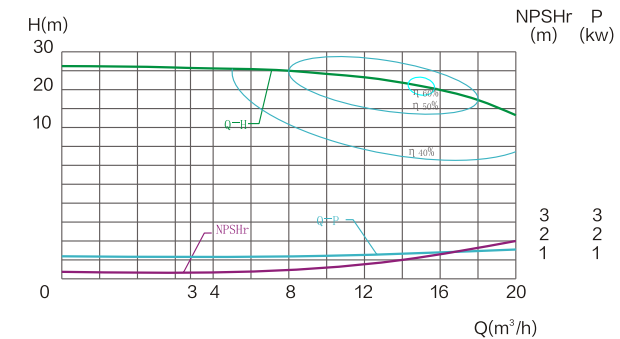
DJ-BS SERIES CENTRIFUGAL PUMP GRAPH DJ-BS 系列离心泵曲线图

闭式(BS)泵(Q-H曲线图Graph)

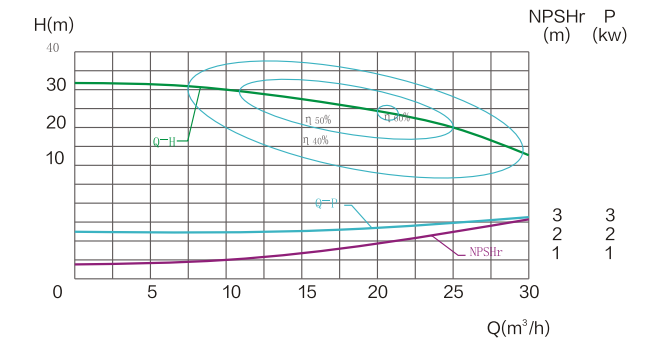


测试条件：介质清水，温度20℃，叶轮转速2900 R.P.M
(此曲线图亦适用电机60Hz，叶轮转速3600R.P.M) Q-流量(m³/h)，
H-扬程(M)，P-功率(KW)，η%-泵效率。
Testing condition: medium water, temperature 20 °C,
impeller speed 2900 RPM (This graph also applies to
motor 60HZ, impeller speed 3600RPM) Q-Flow rate

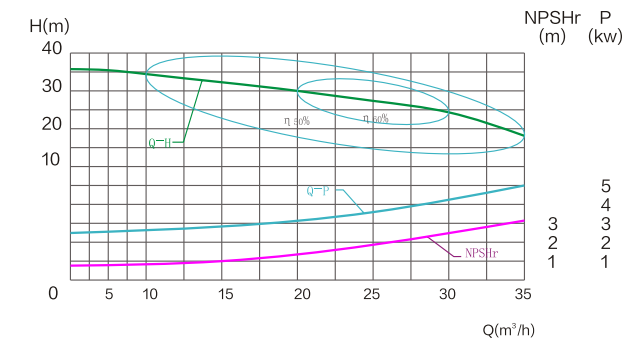
BS-4(Q-H曲线图graph)



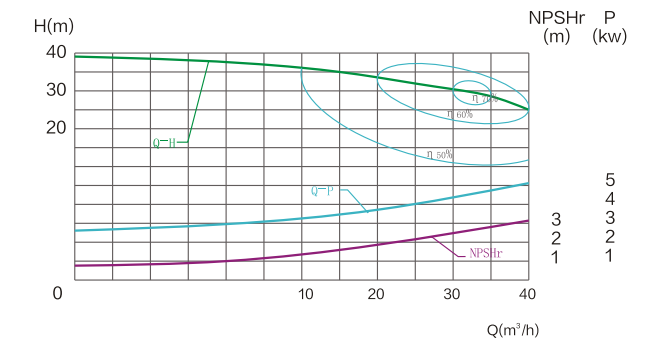
BS-6(Q-H曲线图graph)



BS-10(Q-H曲线图graph)



BS-12(Q-H曲线图graph)



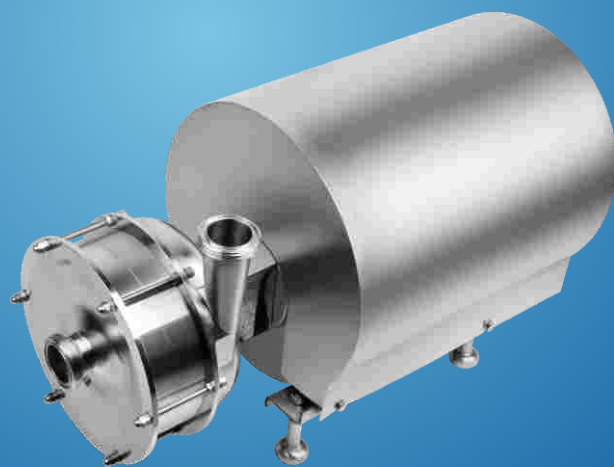
测试条件：介质清水，温度20℃，叶轮转速2900 R.P.M
(此曲线图亦适用电机60Hz，叶轮转速3600R.P.M) Q-流量(m³/h)，H-扬程(M)，P-功率(KW)，η%-泵效率。
Testing condition: medium water, temperature 20 °C, impeller speed 2900 RPM (This graph also applies to motor 60HZ, impeller speed 3600RPM) Q-Flow rate (m³/h), H-head (meter), P-power (KW), η % pump efficiency

DJ-DLX SERIES

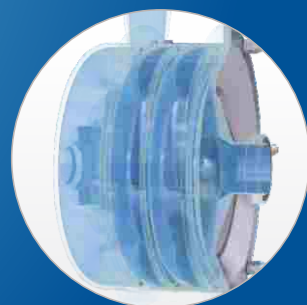
MULTI-STAGE CENTRIFUGAL PUMP

DJ-DLX系列多级离心泵

非常简单的维护、无需专用工具、无需专业人员
Simple maintenance, no need of special tools and professionals



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

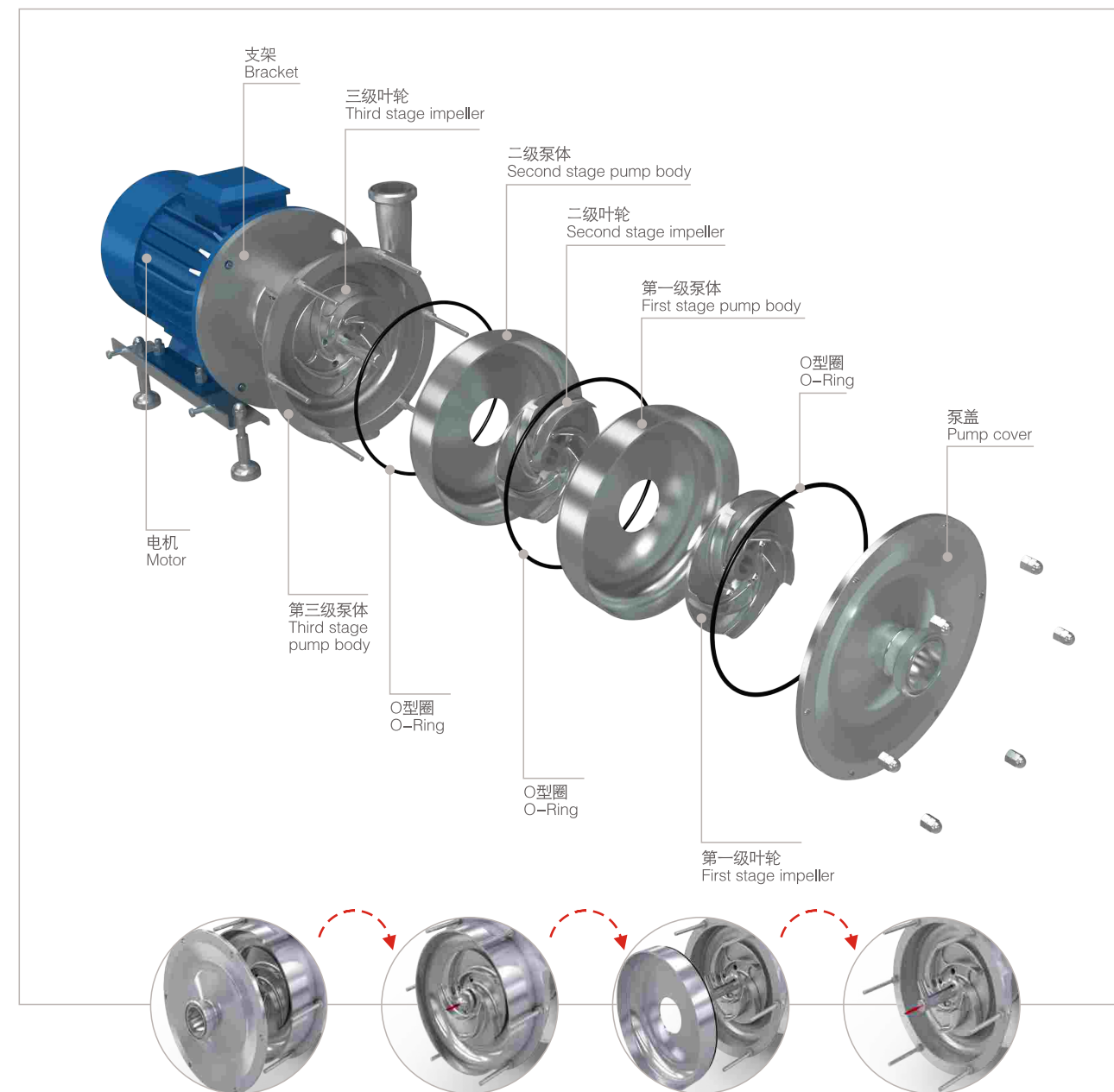


DLX系列离心泵是一款卧式多级开式叶轮的离心泵，它具有卫生、高效率、最高扬程可达180米(18bar)，输送介质柔和且卫生。主要应用于食品和饮料、乳品、啤酒厂碳酸化工艺、CIP 进料、制药工业、纯水泵送 (WFI注射水)、生物技术生产、输注(营养液、乙醇)充填站、个人护理、肥皂、护肤霜、洗剂工业、净化处理(CIP 系统)、水技术工艺、半导体生产、金属表面处理等。

The DLX series centrifugal pump is a horizontal multi-stage open impeller centrifugal pump with high purity, high efficiency. Max head can be up to 180m (18 bar). It is soft and hygienic to transport medium. Mainly used in food and beverage, dairy, brewery carbonation process, CIP feed, pharmaceutical industry, pure water pump (WFI injection water), biotechnology production, infusion (nutrient solution, ethanol) filling station, personal care, soap, skin cream, lotion industry, purification treatment (CIP system), water technology, semiconductor production, metal surface treatment, etc.

技术参数 Technical Specifications

最大流量 Max flow	50m ³ /h
最高扬程 Max head	210M
最高温度 Max temperature	-10℃-140℃
材质 Material	304 /316L, 1.431/1.4404, ASME BPE 316L, 1.4435 NB2 Fe ≤0.5% 双相钢 Dual-phase steel 2205, 哈氏合金 Hastelloy alloy C276
表面处理 Surface treatment	≤ Ra0.8 μm, ≤ Ra0.6 μm, ≤ Ra0.4 μm
机封 Machine seal	单机封、双机封 Single seal, double seal
机封配置 Machine seal configuration	详见机封配置表 See mechanical seal configuration table
进/出口连接 Inlet/Outlet connection	螺纹、卡箍、法兰、无菌法兰 Threads, clamps, flanges, aseptic flanges
认证 Certified	3-A-02-12(N.O.1579); MD/06/42-EC (N.O.70521616101-00); FDA 177.2600; USP CLASS-II; EG/VO1935/2004



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-DLX SERIES

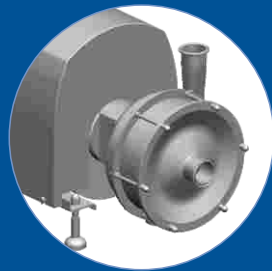
CENTRIFUGAL PUMP VARIOUS CONFIGURATIONS

DJ-DLX系列离心泵各种配置

DJ-DLX SERIES

CENTRIFUGAL PUMP MECHANICAL SEAL DESIGN

DJ-DLX系列离心泵机封设计



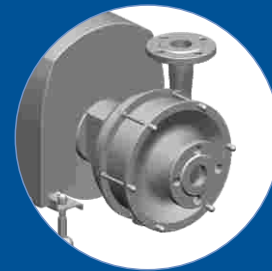
卡箍式
Clamped type



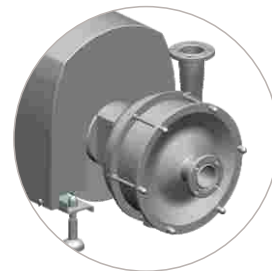
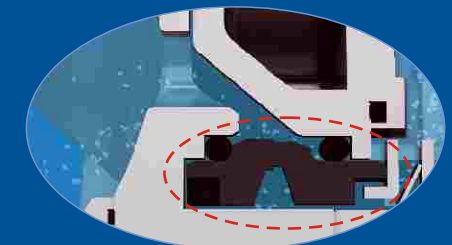
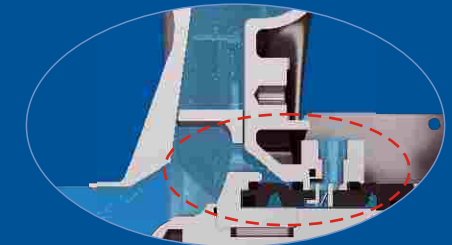
螺母式
Union nut type



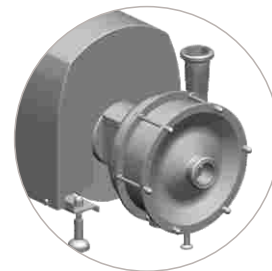
螺纹式
Threaded



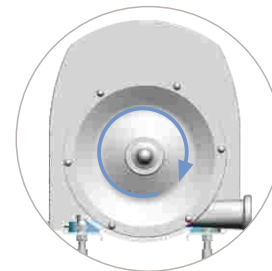
法兰连接进/出口
Flange connection
inlet / outlet



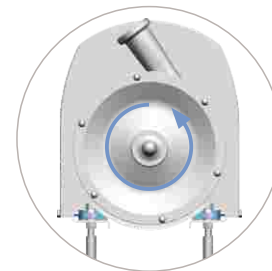
无菌法兰(DIN 11864)进/出口
Aseptic Flange (DIN 11864)
Inlet/Outlet



最低直管排放接口
Bottom straight discharge
outlet



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



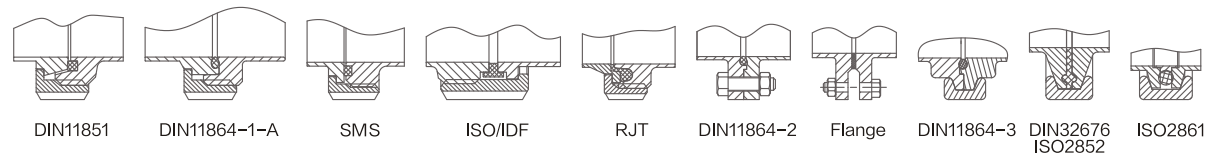
90° ...135° 倾斜出口
90° ...135° inclined outlet

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



机封系统

DONJOY DJ-DLX 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-02-12，FDA1772600等高洁净要求。并有丰富的机封配置方案。

Mechanical Seal Features

Donjoy DJ-DLX 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-02-12, FDA1772600 and so on. and has lots of configuration.



双机封设计
Double mechanical seal design



单机封设计
Single mechanical seal design

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	

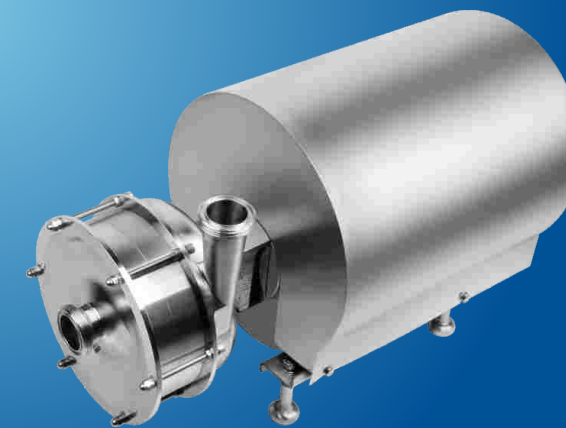
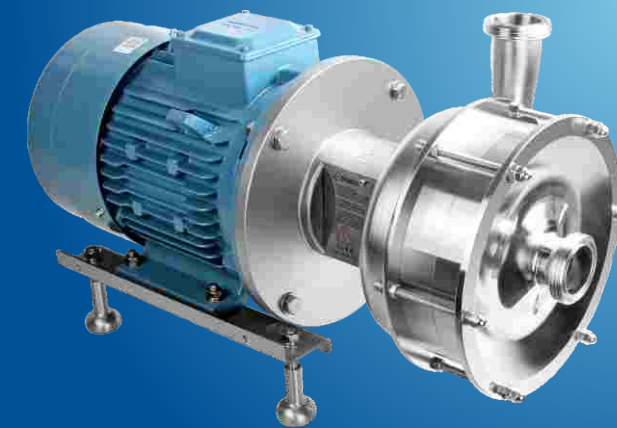
注意：以上配置适用于单机封和双机封。
Note: Above configurations is suitable for single and double mechanical seal



DLX

centrifugal pump model instruction

DLX 离心泵型号说明



DLX CENTRIFUGAL PUMP

PERFORMANCE SELECTION TABLE

DLX 离心泵性能选型表

DLX3 10 10t 70 7.5KW 380V 50HZ M 2/1.5" S

Connection standard
连接标准: DIN (D) SMS (S) 3A(A) RJT (R) ISO/IDF (I)

Inlet/Outlet size
进/出口规格

Connection method: Thread (M) Clamp (C) Flange (F)
连接方式: 螺纹(M)卡箍(C)法兰(F)

Motor frequency
电机频率: 50HZ; 60HZ

Voltage: 110V 220V 380V (see table)
电压: 110V 220V 380V (详见选型表)

Motor power: 1.1kw 1.5kw 2.2kw.....
电机功率: 1.1kw 1.5kw 2.2kw.....

Centrifugal pump head (see table)
离心泵扬程(详见选型表)

Centrifugal pump flow(see table)
离心泵流量(详见选型表)

Centrifugal pump model
离心泵型号

Centrifugal pump code:
DLX3 (three stage centrifugal pump);
DLX2 (two stage centrifugal pump)
离心泵代码: DLX3 (三级离心泵); DLX2 (二级离心泵)

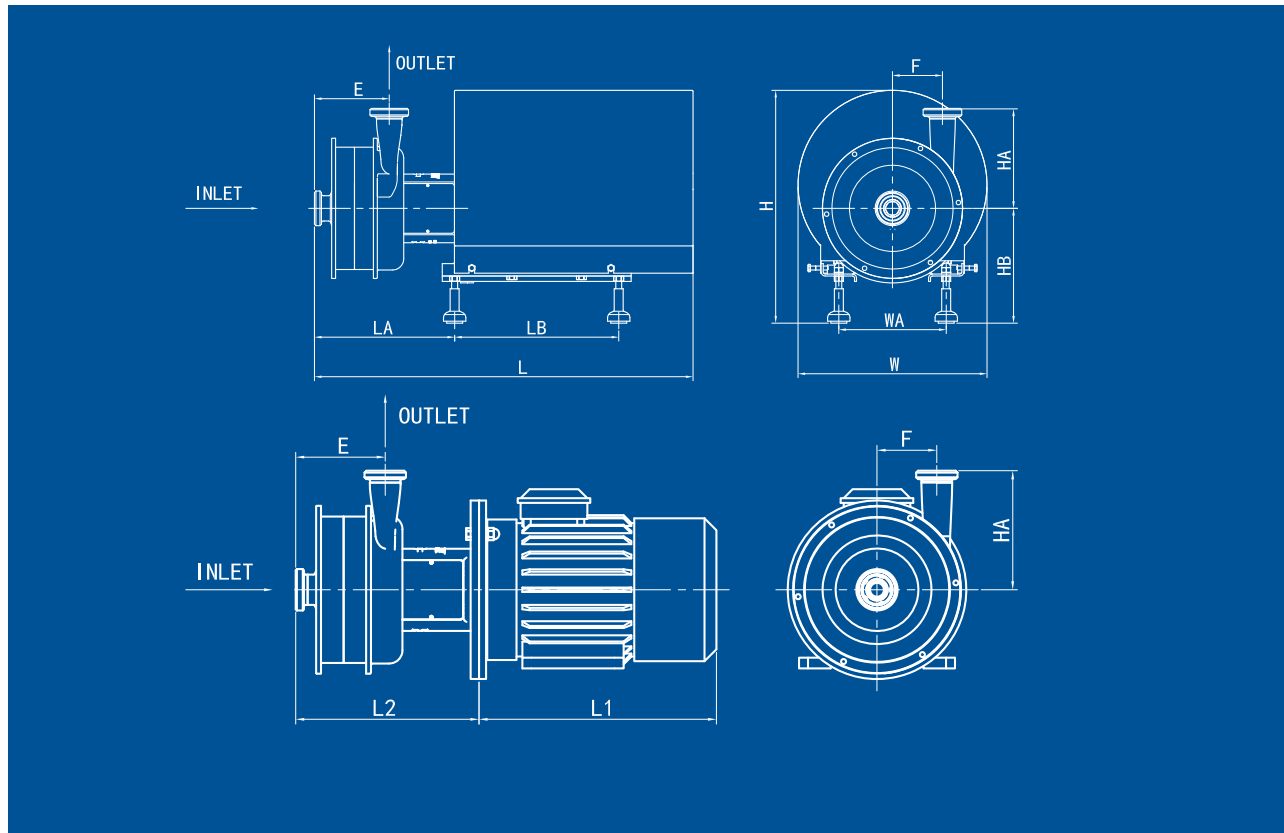
举例 For example:
DLX3-10-10T-70-7.5KW-380V-50HZ-M-2"/1.5"-S

型号 Model	功率 Power (KW)	流量 Flow rate (m³)	扬程 Discharge (M)	进口/出口 Inlet&outlet	理论重量 Weight (KG)
DJ-DLX2-05	1.1	2	35	1.5"/0.75"	27
	1.5	4	32		33
	1.5	5	30		33
DJ-DLX2-10	2.2	5	40	1.5"/1.5"	50
	3	8	40		57
	3	10	40		57
	4	15	36		64
DJ-DLX2-15	3	5	56	2"/1.5"	63
	4	10	50		69
	5.5	15	44		89
DJ-DLX-2-20	7.5	10	68	2"/2"	95
	7.5	15	66		95
	11	20	63		139
DJ-DLX-2-30	11	25	56	2.5"/1.5" (3"/2")	139
	11	10	114		116
	11	15	110		158
	15	20	100		173
DJ-DLX-2-35	15	25	90	3"/1.5" (3"/2")	173
	15	30	76		173
	22	20	124		224
	22	25	120		224
	22	30	114		224
	30	35	110		257
	30	40	100		257
30	45	93	257		
30	50	86	257		

型号 Model	功率 Power (KW)	流量 Flow rate (m³)	扬程 Discharge (M)	进口/出口 Inlet&outlet	裸泵 Weight (KG)
DJ-DLX-3-05	1.5	2	50	1.5"/0.75"	34
	2.2	4	42		34
	2.2	5	38		37
DJ-DLX-3-10	3	5	60	1.5"/1.5"	61
	4	8	60		67
	4	10	60		67
	5.5	15	54		87
	5.5	15	54		87
DJ-DLX-3-15	5.5	5	84	2"/1.5"	93
	5.5	10	75		93
	7.5	15	65		104
DJ-DLX-3-20	11	10	103	2"/2"	143
	11	15	100		143
	15	20	94		151
	15	25	85		151
DJ-DLX-3-30	15	10	171	2.5"/1.5" (3"/2")	183
	18.5	15	165		213
	18.5	20	150		213
	22	25	135		226
	22	30	114		226
	37	20	185		316
DJ-DLX-3-35	37	25	180	3"/1.5" (3"/2")	316
	37	30	171		316
	37	35	165		316
	45	40	150		364
	45	45	140		364
	45	45	140		364
	45	50	130		364

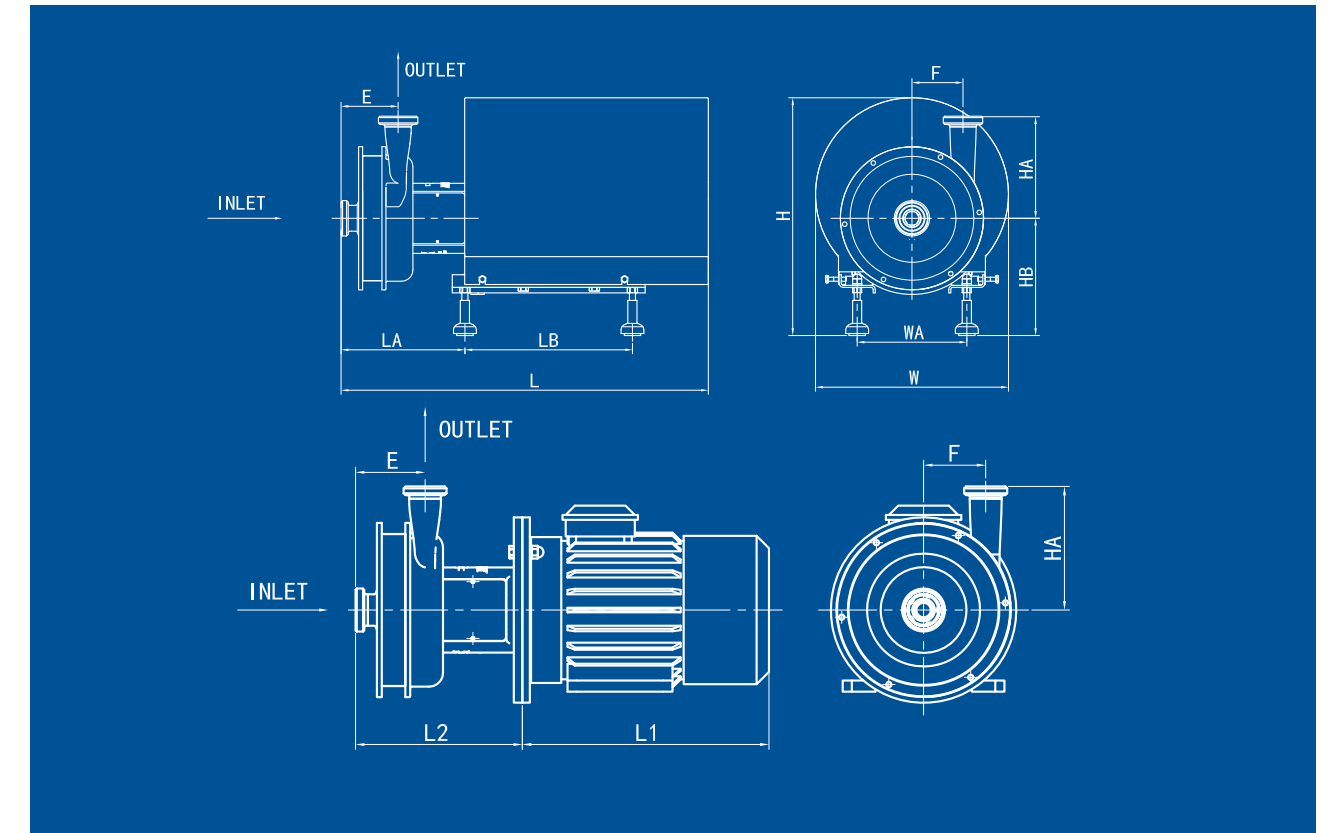
DLX-3 SERIES

CENTRIFUGAL PUMP DATA CHART DLX-3系列离心泵数据图



DLX-2 SERIES

CENTRIFUGAL PUMP DATA CHART DLX-2系列离心泵数据图



系列 Series (DLX-3)	电机功率 Motor power (kw)	泵头规格 Pump dimension 进口 Inlet / 出口 Outlet	外形安装尺寸 Assembly Dimension																	进出口连接方式 Inlet and outlet connection way											
			F	H	HB	LB	W	WA	L1	SMS螺纹连接 Thread						INCH卡箍连接 Clamped						DIN螺纹连接 Thread									
			E	LA	L	HA	L2	E	LA	L	HA	L2	E	LA	L	HA	L2														
DJ-DLX-3-05	1.5-22KW	1.5"/0.75"	52.5	337	189	240	250	140	235	113	210	518	109	234	106	202	511	102	226	113	210	518	109	234							
	3KW	1.5"/1.5"	76.5	409	218	245	320	160	316	153	243	668	150	285	145	236	661	143	278	153	243	668	150	285							
DJ-DLX-3-10	4KW	1.5"/1.5"	76.5	414	211	300	340	190	351	153	250	669	150	285	145	243	662	143	278	153	250	669	150	285							
	5.5KW	1.5"/1.5"	76.5	468	231	330	380	216	399	153	284	764	150	285	145	277	757	143	278	153	284	764	150	285							
DJ-DLX-3-15	5.5-7.5KW	2"/1.5"	98	468	231	330	380	216	399	141	270	750	180	296	133	263	743	173	289	141	270	750	180	296							
DJ-DLX-3-20	11-15KW	2"/2"	101	551	260	450	470	254	477	151	324	900	200	367	143	316	892	193	359	152	325	901	201	368							
	15KW	3"/1.5"	128	551	260	450	470	254	477	164	315	890	210	359	152	303	878	203	346	164	315	890	210	359							
DJ-DLX-3-30	18.5KW	3"/1.5"	128	551	260	450	470	254	477	164	315	890	210	359	152	303	878	203	346	164	315	890	210	359							
	22KW	3"/1.5"	128	585	261	510	510	279	573	164	310	985	210	359	152	303	973	203	346	164	315	985	210	359							
DJ-DLX-3-35	37KW	3"/2"	141	689	300	580	610	318	711	195	380	1170	235	397	182	367	1157	228	385	195	380	1170	236	397							
	45KW	3"/2"	141	722	325	700	660	356	740	195	332	1200	235	397	182	319	1187	228	385	195	332	1200	236	397							

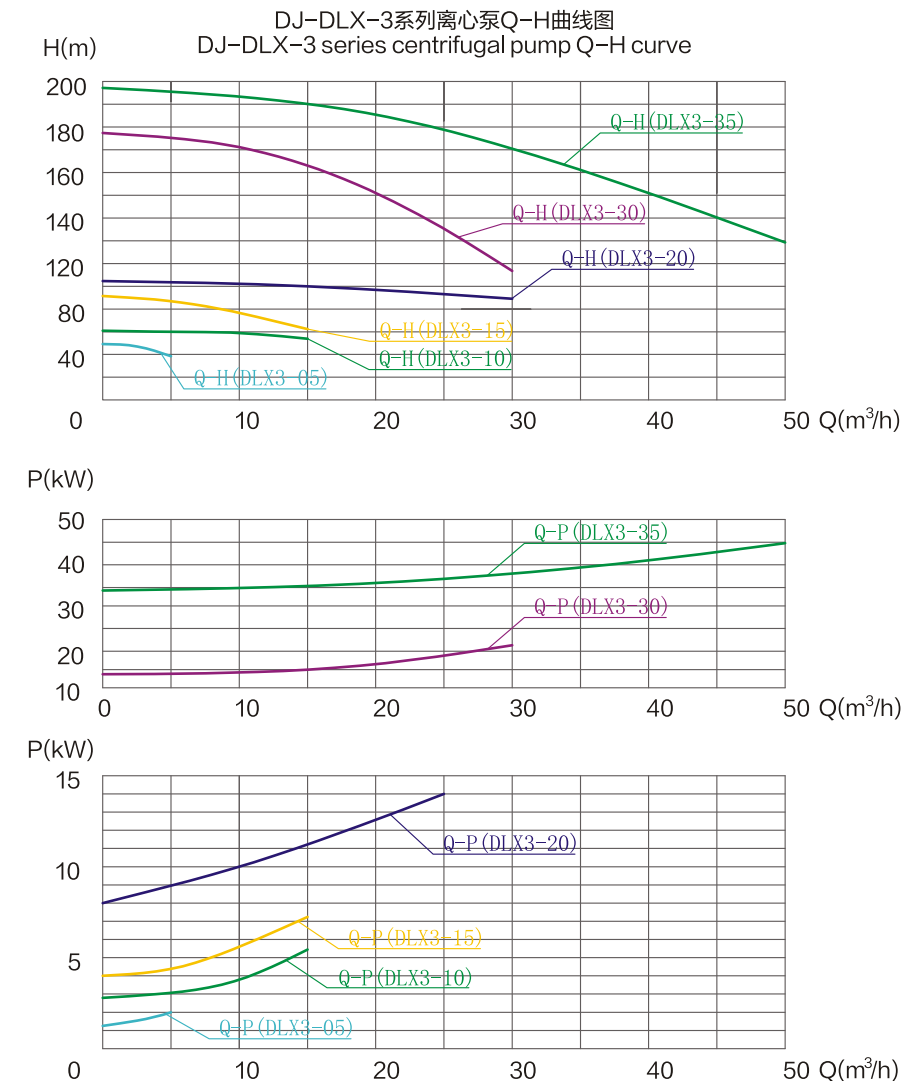
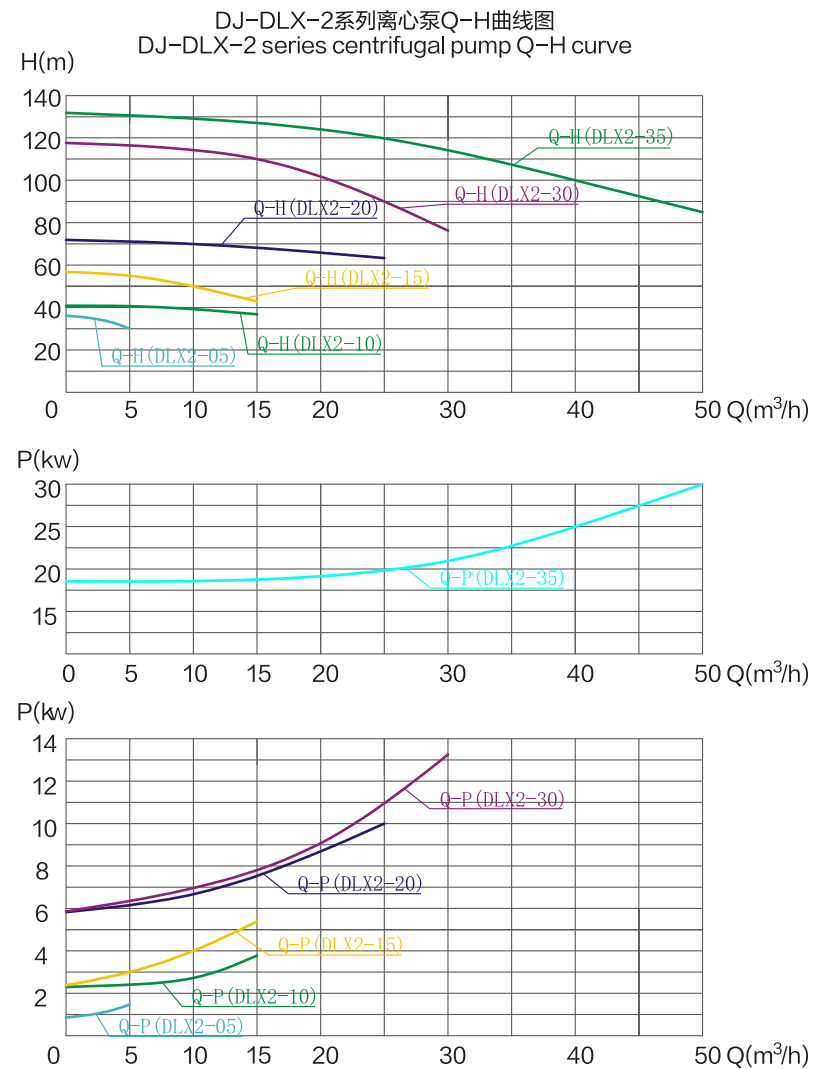
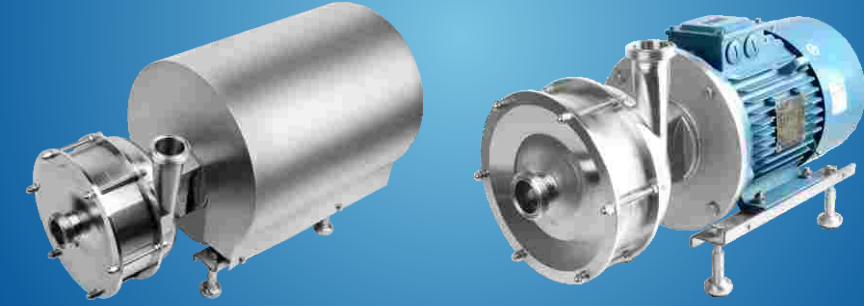
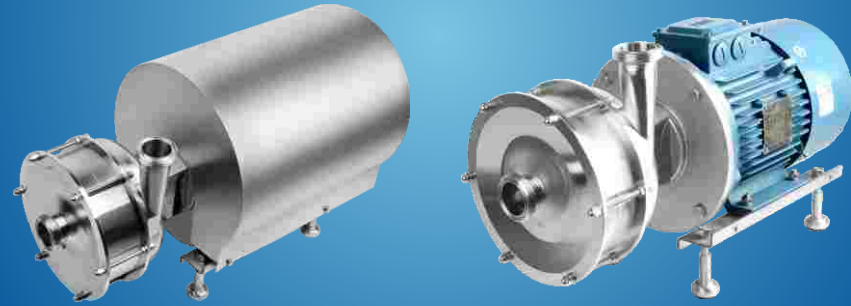
注意：以上数据图相关尺寸不作为实物最终依据，东正保留对于数据更新权限不再另行通知。
Note: The relevant dimensions of the above data diagrams are not regarded as the final basis of the actual object. DONJOY reserves the right to update the data without further notice.

系列 Series (DLX-2)	电机功率 Motor power (kw)	泵头规格 Pump dimension 进口 / 出口 Inlet / Outlet	外形安装尺寸 Assembly Dimension																	进出口连接方式 Inlet and outlet connection way											
			F	H	HB	LB	W	WA	L1	SMS螺纹连接 Thread						INCH卡箍连接 Clamped						DIN螺纹连接 Thread									
			E	LA	L	HA	L2	E	LA	L	HA	L2	E	LA	L	HA	L2														
DJ-DLX-2-05	0.75-1.1KW	1.5"/0.75"	52.5	317	179	240	224	125	266	82	183	485	109	193	75	175	477	102	185	82	183	485	109	185							
	1.5KW	1.5"/0.75"	52.5	317	189	240	250	140	235	82	179	488	109	203	75	171	481	102	195	82	179	488	109	203							
DJ-DLX-2-10	2.2KW	1.5"/1.5"	76.5	362	109	240	260	140	301	106	214	579	150	238	98	207	572	143	231	106	214	579	150	238							
	3KW	1.5"/1.5"	76.5	409	218	245	320	160	316	106	196	621	150	238	98	189	614	143	231	106	196	621	150	238							
DJ-DLX-2-15	4KW	1.5"/1.5"	76.5	414	211	300	340	190	351	106	203	622	150	238	98	196	615	143	231	106	203	622	150	238							
	3KW	2"/1.5"	98	409	218	245	320	160	316	103	191	616	180	233	95	184	609	173	226	103	191	616	180	233							
DJ-DLX-2-20	4KW	2"/1.5"	98	414	211	300	340	190	351	103	198	617	180	233	95	191	610	173	226	103	198	617	180	233							
	5.5KW	2"/1.5"	98	468	231	330	380	216	399	103	232	712	180	233	95	225	704	173	226	103	232	712	180	233							
DJ-DLX-2-30	7.5KW	2"/2"	101	468	231	330	380	216	399	151	256	736	200	282	144	249	728	193	275	152	257	737	201	283							
	11KW	2"/2"	101	551	260	450	470	245	477	151	274	849	200	317	144	266	841	193	310	152	275	850	201	318							
DJ-DLX-2-35	7.5KW	3"/1.5"	128	468	231	330	380	216	399	164	251	731	210	277	152	239	718	203	265	164	251	731	210	277							
	11-15KW	3"/1.5"	128	551	260	450	470	254	477	164	269	844	210	312	152	256	831	203	300	164	269	844	210	312							
DJ-DLX-2-35	22KW	3"/2"	141	585	281	510	510	279	573	195	286	961	235	334	183	285	949	228	322	195	286	961	236	334							
	30KW	3"/2"	141	655	301	586	465	318	618	195	297	1007	235	334	183	274	995	228	322	195	297	1007	236	334							

DLX SERIES

CENTRIFUGAL PUMP GRAPH

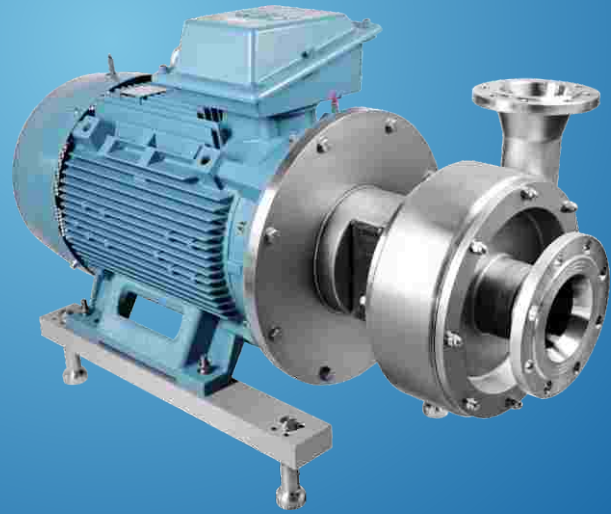
DLX系列离心泵曲线图



MLX

SERIES CENTRIFUGAL PUMP

MLX系列离心泵



大流量、高效率、低功耗、
低噪音、高洁净
High flow, high efficiency,
low power consumption, low noise,
high purity



MLX系列是一款大流量的离心泵，采用开式叶轮设计，水力模型采用CFD优化设计，在保证高效率水力性能的前提下，提高低粘度含颗粒物料的过流性能，降低对物料的剪切破坏，泵壳及过流部件均采用304/316L不锈钢。主要应用于糖化发酵液、麦芽汁及食品饮料的果汁果酱等含有固体颗粒及低粘度弱腐蚀性物料的输送，也可应用于制药、化工、工业用水或饮用水处理等工业领域。

The MLX series is a high-flow centrifugal pump with open impeller design. The hydraulic model is designed with CFD to improve the over-flow performance of low-viscosity particulate materials and reduce the shear damage of materials under the premise of ensuring high-efficiency hydraulic performance. Pump cover and parts contacting with medium are all made of 304/316L SS. It is mainly used to transport low-viscosity weak corrosive materials with solid granules, such as saccharified fermentation broth, wort, juice, jam, food, beverage, etc., and can also be used for in industrial fields such as pharmaceutical, chemical, industrial water, drinking water treatment and so on.



技术参数 Technical Specifications

流量 Flow	100m ³ /h-1000m ³ /h
扬程 Head	80M
温度 Temperature	-20到140℃
功率 Power	11kw-160kw
材质 Material	304/316L, 1.4311.4404, ASME BPE 316L, 1.4435 NB2 Fe≤0.5% 双相钢 Dual-phase steel 2205, 哈氏合金 Hastelloy alloy C276
表面处理 Surface treatment	≤ Ra0.8 μm, ≤ Ra0.6 μm, ≤ Ra0.4 μm
机封 Mechanical seal	单机封(见配置方案) Single mechanical seal (see configuration scheme)
进/出口连接 Inlet/Outlet Connection	法兰、无菌法兰 Flanged, Aseptic flanged
认证 Certified	3-A-02-12(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。

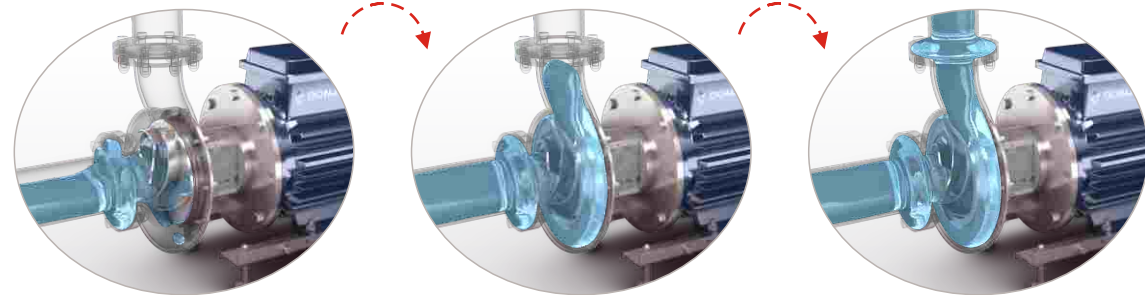
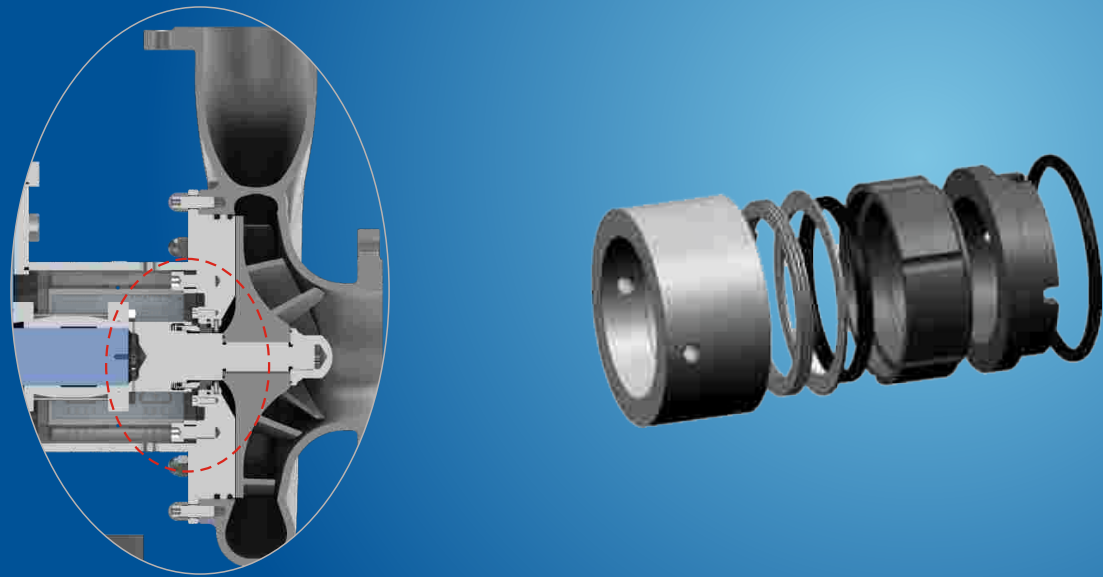
Technical Advantages

- ◆ 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.

MLX SERIES

CENTRIFUGAL PUMP MECHANICAL SEAL DESIGN

MLX系列离心泵机封设计



机封系统 Mechanical Seal Features

DONJOY DJ-MLX 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，卫生洁净符合认证：欧盟EHEDG，美国 3-A-02-12，FDA1772600等高洁净要求。并有丰富的机封配置方案。

Donjoy DJ-MLX 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-02-12, FDA1772600 and so on, and has lots of configuration.

机封配置 Mechanical Seal Configuration

1)SIC/C/FKM 2)SIC/SIC/FKM 3)TC/TC/FKM

注意：以上配置适用于单机封。

Note: The above configuration is suitable for single mechanical seal

MLX

SERIES CENTRIFUGAL PUMP

MLX系列离心泵





CENTRIFUGAL PUMP MODEL INSTRUCTION

MLX离心泵型号说明



MLX 150-4P-1 200T 35 18.5KW 380V 50HZ F 150/125 H

- Connection standard
连接标准: HG/T(H) GB/T(G) ASME(A) DIN(D) JIS(J)
- Inlet/Outlet size(see table)
进/出口规格(详见选型表)
- Connection method: Flange (F)
连接方式: 法兰(F)
- Motor frequency
电机频率: 50HZ; 60HZ
- Voltage: 110V 220V 380V (see table)
电压: 110V 220V 380V (详见选型表)
- Motor power: 11kw 15kw 18.5kw 22kw.....
电机功率:11kw 15kw 18.5kw 22kw.....
- Centrifugal pump head (see table)
离心泵扬程(详见选型表)
- Centrifugal pump flow(see table)
离心泵流量(详见选型表)
- Centrifugal pump model
离心泵型号
- Centrifugal pump code: MLX
离心泵代码: MLX

For example:
举例: MLX-150-4P-1/200T-21-18.5KW-380V-50HZ-F-150/125-H

MLX

CENTRIFUGAL PUMP SELECTION TABLE

MLX离心泵选型表

MLX150-2022款离心泵选型表 Centrifugal pump selection table

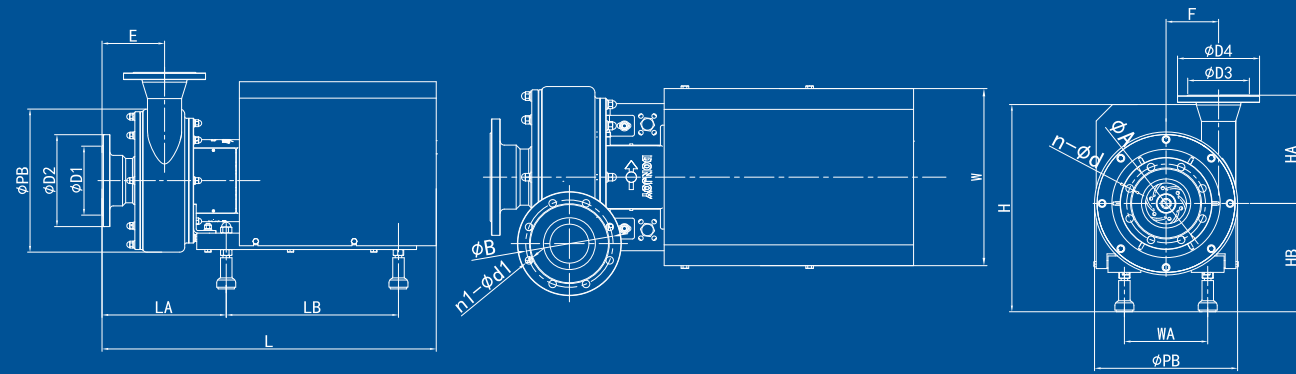
型号 Model	流量(m³/h) Flow	扬程(M) Head	功率(KW) Power	转速(rpm) Speed	进口/出口 Inlet/Outlet	重量(KG) weight
MLX150-4P-1 (4P-50Hz)	100	27	15KW	1450	DN150/DN125	340.0
	150	25	15KW	1450		
	175	23	18.5KW	1450		
	200	21	18.5KW	1450		
	250	17	18.5KW	1450		
	280	13	18.5KW	1450		378.0
MLX150-4P-2 (4P-50Hz)	100	41	22KW	1450	DN150/DN125	393
	120	40	30KW	1450		
	150	38	30KW	1450		
	200	35	30KW	1450		
	220	33	30KW	1450		
	250	30	30KW	1450		
	280	27	37KW	1450		467.0
300	25	37KW	1450	530.0		
MLX150-2P-1 (2P-50Hz)	100	65	45KW	2965	DN150/DN125	481.0
	150	62	45KW	2965		
	180	60	45KW	2965		
	200	58	55KW	2965		
	250	50	55KW	2965		
	300	40	55KW	2965		555.0
MLX150-2P-2 (2P-50Hz)	100	77	45KW	2965	DN150/DN125	481.0
	120	76	55KW	2965		
	150	75	55KW	2965		
	180	74	55KW/75KW	2965		
	200	72	75KW	2965		
	250	65	75KW	2965		
	300	55	75KW	2965		
						760.0

MLX200-2022款离心泵选型表 Centrifugal pump selection table

型号 Model	流量(m³/h) Flow	扬程(M) Head	功率(KW) Power	转速(rpm) Speed	进口/出口 Inlet/Outlet	重量(KG) weight
MLX200-4P-1 (4P-50Hz)	300	25	30KW	1450	DN200/DN150	486.0
	350	23	37KW	1450		
	400	21	37KW	1450		
	500	17	37KW	1450		
	560	13	37KW	1450		553.0
MLX200-4P-2 (4P-50Hz)	300	38	55KW	1450	DN200/DN150	799.0
	400	35	55KW	1450		
	450	33	75KW	1450		
	500	30	75KW	1450		
	560	27	75KW	1450		979.0
600	25	75KW	1450			
MLX200-2P-1 (2P-50Hz)	300	64	90KW	2965	DN200/DN150	847.0
	360	61	90KW	2965		
	400	59	110KW	2965		
	500	52	110KW	2965		1085.0
600	42	110KW	2965			
MLX200-2P-2 (2P-50Hz)	300	75	110KW	2965	DN200/DN150	1085.0
	360	74	110KW	2965		
	400	72	110KW	2965		
	500	65	132KW	2965		
	600	55	160KW	2965		1180.0

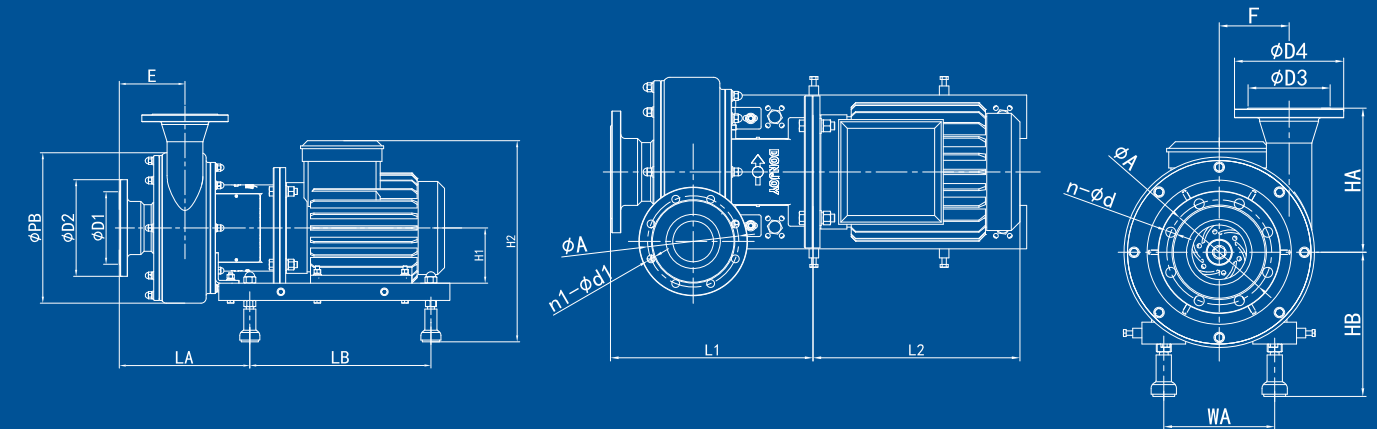
MLX SERIES

CENTRIFUGAL PUMP DATA CHART(WITH COVER) MLX系列离心泵数据图 (带电机罩)



MLX SERIES

CENTRIFUGAL PUMP DATA CHART(WITHOUT COVER) MLX系列离心泵数据图 (不带电机罩)



型号 Model	功率 Power (KW)	泵头规格Pump head dimension										外形安装尺寸 Assembly dimension									
		进口/出口 Inlet/Outlet	PB	D1	D2	D3	D4	A	B	n-d	n1-d1	L	LA	LB	W	WA	H	HA	HB	E	F
MLX150-4P-1 (4P-50Hz)	15KW	DN150/DN125	436	210	280	188	250	240	210	8-23	8-18	1019	379	525	426	254	632	330	330	191	160
	18.5KW		436	210	280	188	250	240	210	8-23	8-18	1127	392	550	450	279	680	330	350	191	160
MLX150-4P-2 (4P-50Hz)	22KW	DN150/DN125	436	210	280	188	250	240	210	8-23	8-18	1127	392	550	450	279	680	330	350	191	160
	30KW		436	210	280	188	250	240	210	8-23	8-18	1170	370	610	460	318	710	330	370	191	160
MLX150-2P-1 (2P-50Hz)	45KW	DN150/DN125	436	210	280	188	250	240	210	8-23	8-18	1272	372	640	500	356	790	330	395	191	160
	55KW		436	210	280	188	250	240	210	8-23	8-18	1319	379	690	580	406	820	330	420	191	160
MLX150-2P-2 (2P-50Hz)	45KW	DN150/DN125	436	210	280	188	250	240	210	8-23	8-18	1272	372	640	500	356	790	330	395	191	160
	55KW		436	210	280	188	250	240	210	8-23	8-18	1319	379	690	580	406	820	330	420	191	160
MLX200-4P-1 (4P-50Hz)	30KW	DN200/DN150	496	265	340	212	285	295	240	8-23	8-22	1200	400	610	460	318	710	380	370	206	175
	37KW		496	265	340	212	285	295	240	8-23	8-22	1302	402	588	500	356	790	380	395	206	175
MLX200-4P-2 (4P-50Hz)	55KW	DN200/DN150	496	265	340	212	285	295	240	8-23	8-22	1349	409	688	580	406	820	380	420	206	175
	75KW		496	265	340	212	285	295	240	8-23	8-22	1501	411	738	600	457	950	380	450	206	175
MLX200-2P-1 (2P-50Hz)	90KW	DN200/DN150	496	265	340	212	285	295	240	8-23	8-22	1497	407	738	600	457	950	380	450	206	175
	110KW		496	265	340	212	285	295	240	8-23	8-22	1696	491	788	800	508	1080	380	485	206	175
MLX200-2P-2 (2P-50Hz)	11KW	DN200/DN150	496	265	340	212	285	295	240	8-23	8-22	1696	491	788	800	508	1080	380	485	206	175
	132KW		496	265	340	212	285	295	240	8-23	8-22	1696	491	788	800	508	1080	380	485	206	175
	160KW		496	265	340	212	285	295	240	8-23	8-22	1696	491	788	800	508	1080	380	485	206	175

型号 Model	功率 Power (KW)	泵头规格Pump head dimension										外形安装尺寸 Assembly dimension										
		进口/出口 Inlet/Outlet	PB	D1	D2	D3	D4	A	B	n-d	n1-d1	LA	LB	WA	HA	HB	L1	L2	H1	H2	E	F
MLX150-4P-1 (4P-50Hz)	15KW	DN150/DN125	436	210	280	188	250	240	210	8-23	8-18	379	525	254	330	330	467	477	160	583	191	160
	18.5KW		436	210	280	188	250	240	210	8-23	8-18	392	550	279	330	350	467	573	180	604	191	160
MLX150-4P-2 (4P-50Hz)	22KW	DN150/DN125	436	210	280	188	250	240	210	8-23	8-18	392	550	279	330	350	467	633	180	604	191	160
	30KW		436	210	280	188	250	240	210	8-23	8-18	370	610	318	330	370	467	618	200	643	191	160
MLX150-2P-1 (2P-50Hz)	45KW	DN150/DN125	436	210	280	188	250	240	210	8-23	8-18	372	640	356	330	395	477	713	225	715	191	160
	55KW		436	210	280	188	250	240	210	8-23	8-18	379	690	406	330	420	477	741	250	760	191	160
MLX150-2P-2 (2P-50Hz)	45KW	DN150/DN125	436	210	280	188	250	240	210	8-23	8-18	372	640	356	330	395	477	713	225	715	191	160
	55KW		436	210	280	188	250	240	210	8-23	8-18	379	690	406	330	420	477	741	250	760	191	160
MLX200-4P-1 (4P-50Hz)	30KW	DN200/DN150	496	265	340	212	285	295	240	8-23	8-22	400	610	318	380	370	497	618	200	643	206	175
	37KW		496	265	340	212	285	295	240	8-23	8-22	402	588	356	380	395	507	713	225	715	206	175
MLX200-4P-2 (4P-50Hz)	55KW	DN200/DN150	496	265	340	212	285	295	240	8-23	8-22	409	688	406	380	420	507	741	250	760	206	175
	75KW		496	265	340	212	285	295	240	8-23	8-22	411	738	457	380	450	507	871	280	882	206	175
MLX200-2P-1 (2P-50Hz)	90KW	DN200/DN150	496	265	340	212	285	295	240	8-23	8-22	407	738	457	380	450	503	871	280	882	206	175
	110KW		496	265	340	212	285	295	240	8-23	8-22	491	788	508	380	485	503	1073	315	1019	206	175
MLX200-2P-2 (2P-50Hz)	11KW	DN200/DN150	496	265	340	212	285	295	240	8-23	8-22	491	788	508	380	485	503	1073	315	1019	206	175
	132KW		496	265	340	212	285	295	240	8-23	8-22	491	788	508	380	485	503	1073	315	1019	206	175
	160KW		496	265	340	212	285	295	240	8-23	8-22	491	788	508	380	485	503	1073	315	1019	206	175

MLX SERIES

CENTRIFUGAL PUMP GRAPH

MLX系列离心泵曲线图



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



测试条件: 介质清水, 温度20℃, 叶轮转速1450 R.P.M
 (此曲线图亦适用电机60Hz, 叶轮转速1740R.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 1450 RPM (This graph also applies to motor 60HZ, impeller speed 1740RPM) Q-Flow rate (m³/H), H-head (meter), P-power (KW), η % pump efficiency

