



IJ[®] 系列化工流程用单级单吸离心泵

IJ Series Single Stage and Single Suction Chemical Pump

参照ISO5199、API610、API682标准

Conform to ISO5199 / API610 / API682 Standard

输送介质温度-40°C~175°C

Operation temperature

挠性联轴器传动

Flexible coupling

最大工作压力2.5MPa

Max working pressure

泵轴及轴承25、35、45、60、75

Pump shaft and bearing



Since 1958

主要应用于

Application

- ☒ 碱和无机盐

☒ 有色金属冶炼

☒ 钢铁工业

☒ 制酸工业

☒ 石油化工

☒ 合成纤维和塑料工业

☒ 造纸工业

☒ 化肥工业

☒ 发酵工业

☒ 环境保护
- ☒ Alkali and inorganic salts

☒ Metallurgy

☒ Iron and steel industry

☒ Acid industry

☒ Petrochemical

☒ Fiber and plastic industry

☒ Pulp and paper

☒ Fertilizer

☒ Fermentation

☒ Environment protection

用法

Usage

这些泵被设计用于输送清洁或含有少量颗粒、易结晶、易析出的介质工况，符合ISO5199标准。			These pumps are designed to transfer clean or fluid contains particles, easy crystallize, precipitate working conditions.		
法兰标准 Flange standard		EN 1092-1		ASME/ANSI B16.5	
公称压力 Nominal pressure		PN16		class150	

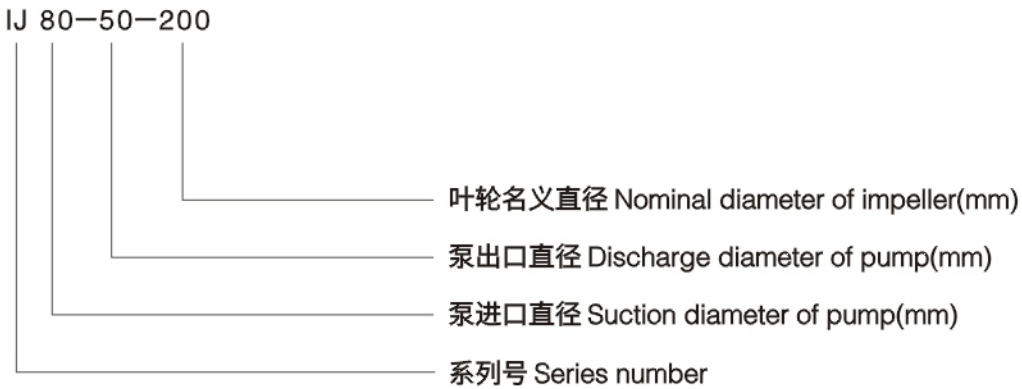
材料

Material

与介质接触的过流部件，材料符合ASTM标准，常用材料如下：			Wetted parts comply to ASTM standard, common material as follows:		
☒ 不锈钢		☒ Cast stainless steel			
☒ 铸钛		☒ Cast titanium			
☒ 铸镍		☒ Cast nickel			

泵型号说明

Pump model instruction



泵运行数据 Operating data

流量 (0.8~2500) m³/h
扬程 (4~250) m
温度 (-40~175) °C

Flow rate (0.8~2500)m³/h
Total heads (4~250)m
Operating temperature (-40~175)°C

现场标准条件 Standard conditions at site

- ☒ 连续运行过程中的相对湿度不大于90%
- ☒ 环境温度不高于40°C, 不低于4°C
- ☒ 海拔高度不超过1000m

- ☒ Relative humidity during continuous operation max. 90%
- ☒ Ambient temperature max.40°C, min.4°C
- ☒ Permissible altitude up to 1000m above sea level

当场地条件与上述规定不符时必须加以说明。

Deviations from the site conditions specified herein must already be disclosed in the inquiry.

流量 Flow rate

离心泵的允许运行范围取决于:

- ☒ 叶轮形状
- ☒ 转速
- ☒ 振动
- ☒ 介质特性
- ☒ 轴承及轴载荷
- ☒ 泵壳的散热及材料的抗腐蚀性
- ☒ 工况进口净压头与泵汽蚀余量

The permissible operating range of centrifugal pumps depends on:

- ☒ Impeller shape
- ☒ Speed
- ☒ Vibration
- ☒ Medium characteristics
- ☒ Bearing and shaft load
- ☒ Heat dissipation-particularly with regard to insulated volute casings and the corrosion resistance of materials
- ☒ The net positive suction head of the working condition and NPSH

适用工作范围在性能曲线和泵数据表中表示。

The operating range applicable to the TOE-GN series is indicated in the individual characteristic curves and the pump data sheet.

出口压力 Outlet pressure

离心泵出口压力取决于:

- ☒ 泵入口压力
- ☒ 选定叶轮直径的最大总扬程
- ☒ 泵送介质的密度

The pump outlet pressure at the outlet nozzle depends on:

- ☒ The pump inlet pressure
- ☒ The maximum total head of the selected impeller diameter
- ☒ The density of the medium to be pumped

最大泵出口压力P2max op计算公式如下:

$$P2max\ op = P1max\ ip + \rho * g * H * 10^{-5}$$

P2max op为最大出口压力
P1max ip为最大进口压力
 ρ 为泵送介质密度
 g 为引力常数
 H 为零流量下的最大总扬程或在选定叶轮直径下性能曲线峰值

泵选择和运行必须确保泵出口最大压力绝不能超过工作温度下泵体最大允许工作压力。这也适用于排放阀关闭时的调试。

The maximum pump outlet pressure P2max op is calculated using the formula:

$$P2max\ op = P1max\ ip + \rho * g * H * 10^{-5}$$

P2max op = maximum pump outlet pressure(bar)
P1max ip = maximum pump inlet pressure(bar)
 ρ = density of the medium to be pumped(kg/m³)
 g = gravitation constant(m/s²)
 H = maximum total head at zero flow or at the peak of the pump's characteristic curve at the selected impeller diameter(m)

Pumps must be selected and operated in a way which ensures that the maximum pump outlet pressure does by no means exceed the maximum permissible operating pressure of the casing pall wc at operating temperature. This also applies to commissioning while the diacharge vavle is closed(refer to fig 1).

压力和温度限制 Pressure and temperature limitations

泵体和泵盖最大工作压力取决于工作温度:

The maximum casing operating pressure pall wc of the casing and the casing cover depends on the operating temperature:

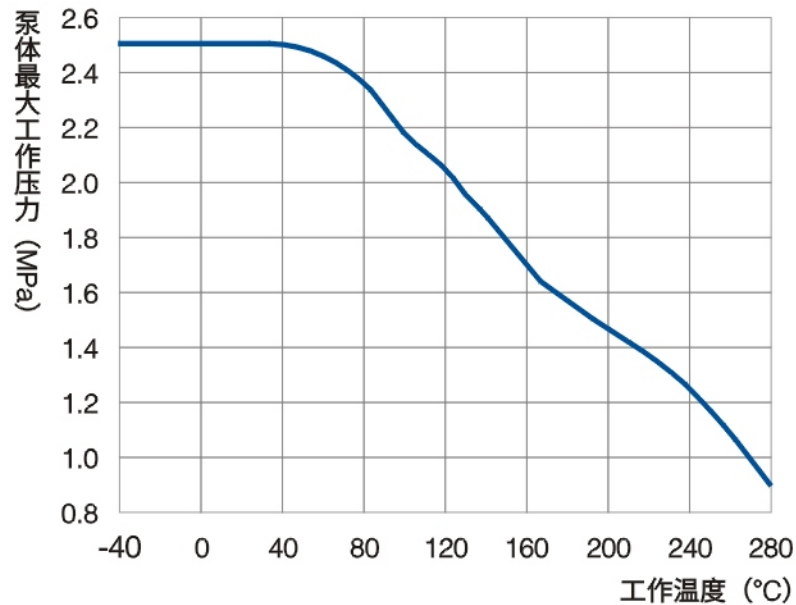


图1: 泵最大允许工作压力

Fig.1: maximum permissible casing operating pressure pall wc.

转速和 叶轮直径限制

Speed and
impeller diameter
limitations

泵轴运行速度不能超过叶轮最大允许周转速，这相当于62m/s。

The operating speed of the pump shaft must not exceed the maximum permissible peripheral speed of the impeller, which corresponds to 62m/s.

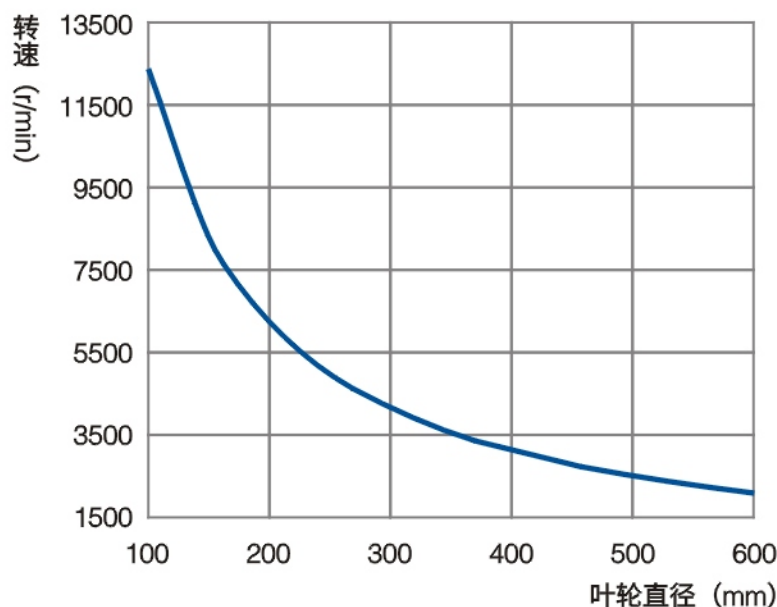


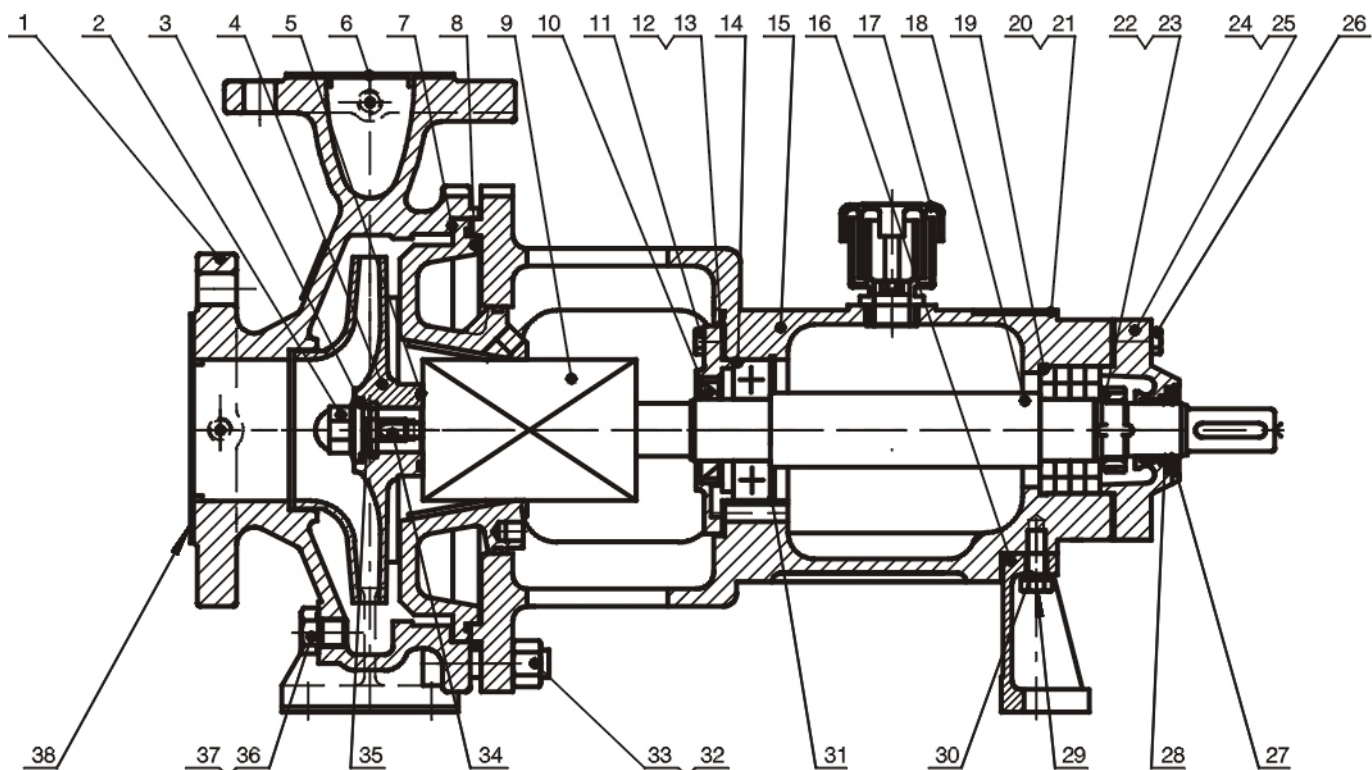
图2：最大允许泵轴运行速度

Fig.2: maximum permissible shaft speed

泵的结构 STRUCTURE

IJ化工流程泵是一种单级单吸悬臂式离心泵，泵体为轴向吸入径向排出，泵体上铸出支撑脚，直接固定在底座上。泵盖通过止口固定在悬架体上，泵体和悬架体将泵盖加紧。其性能尺寸符合ISO2858标准，技术要求符合ISO5199标准。

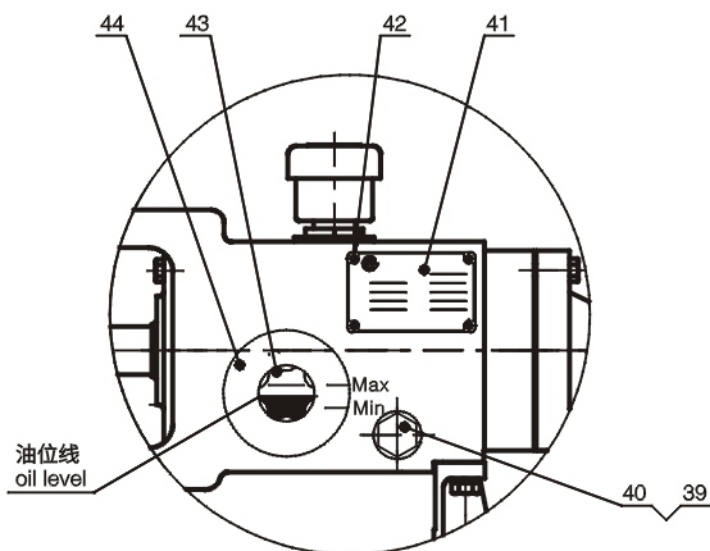
IJ series chemical process pump is a centrifugal pump of horizontal, single stage, single suction, cantilever design, its performance parameters conform to ISO2858 and its technical requirement conform to ISO5199. the pump is a centrifugal pump of horizontal, axial end suction and radial discharge design. the pump cover is fixed on the frame and is clamped tightly by pump casing and frame.



1	泵体 / pump casing
2	叶轮螺母 / impeller nut
3	O型圈 / o-ring
4	叶轮 / impeller
5	O型圈 / o-ring
6	封口 / seal
7	密封垫 / gasket
8	泵盖 / pump cover
9	机械密封 / mechanical seal
10	骨架油封 / skeleton oil seal

11	螺栓 / bolt
12	轴承前盖 / front bearing gland
13	前盖垫 / front cover pad
14	前轴承 / front bearing
15	悬架体 / frame
16	支架 / bracket
17	气孔盖 / air vent cover
18	轴 / shaft
19	后轴承 / back bearing
20	警示牌 / warning sign

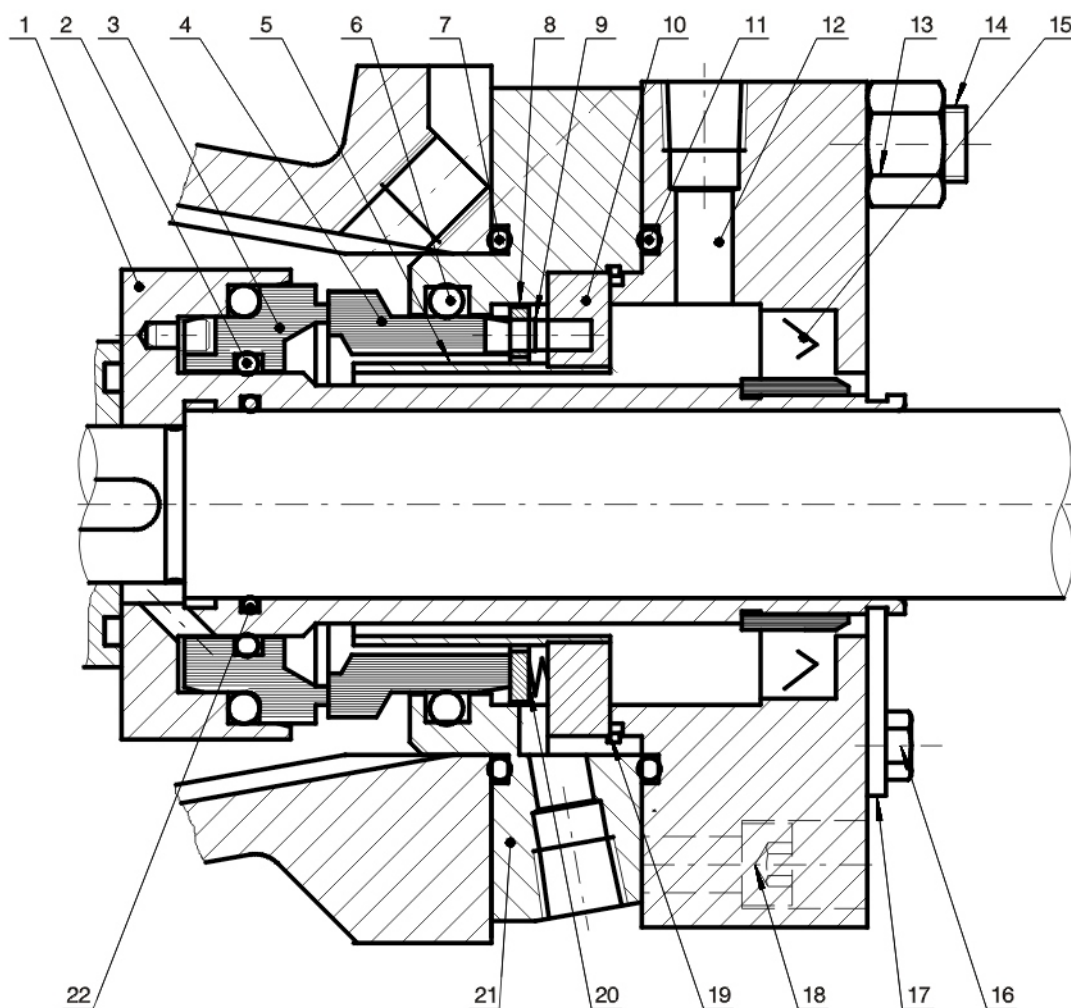
21	铆钉 / rivet
22	止动垫圈 / tab washer
23	小圆螺母 / small round nut
24	后盖垫 / back cover pad
25	轴承后盖 / back bearing cover
26	螺栓 / bolt
27	O型圈 / o-ring
28	封水环 / ring for these aling water
29	螺栓 / bolt
30	弹簧垫圈 / spring wahser
31	孔用挡圈 / circlips for holds
32	双头螺栓 / double end stud
33	螺母 / nut
34	键 / key
35	弹簧垫圈 / spring washer 20
36	管堵 / pipe plug
37	垫 / gasket
38	封口 / seal
39	管堵 / pipe plug
40	垫 / gasket
41	铭牌 / nameplate
42	铆钉 / rivet
43	十字沉头螺钉 / cross recessed counter sunk head screw
44	油标 / circular oil



泵的密封

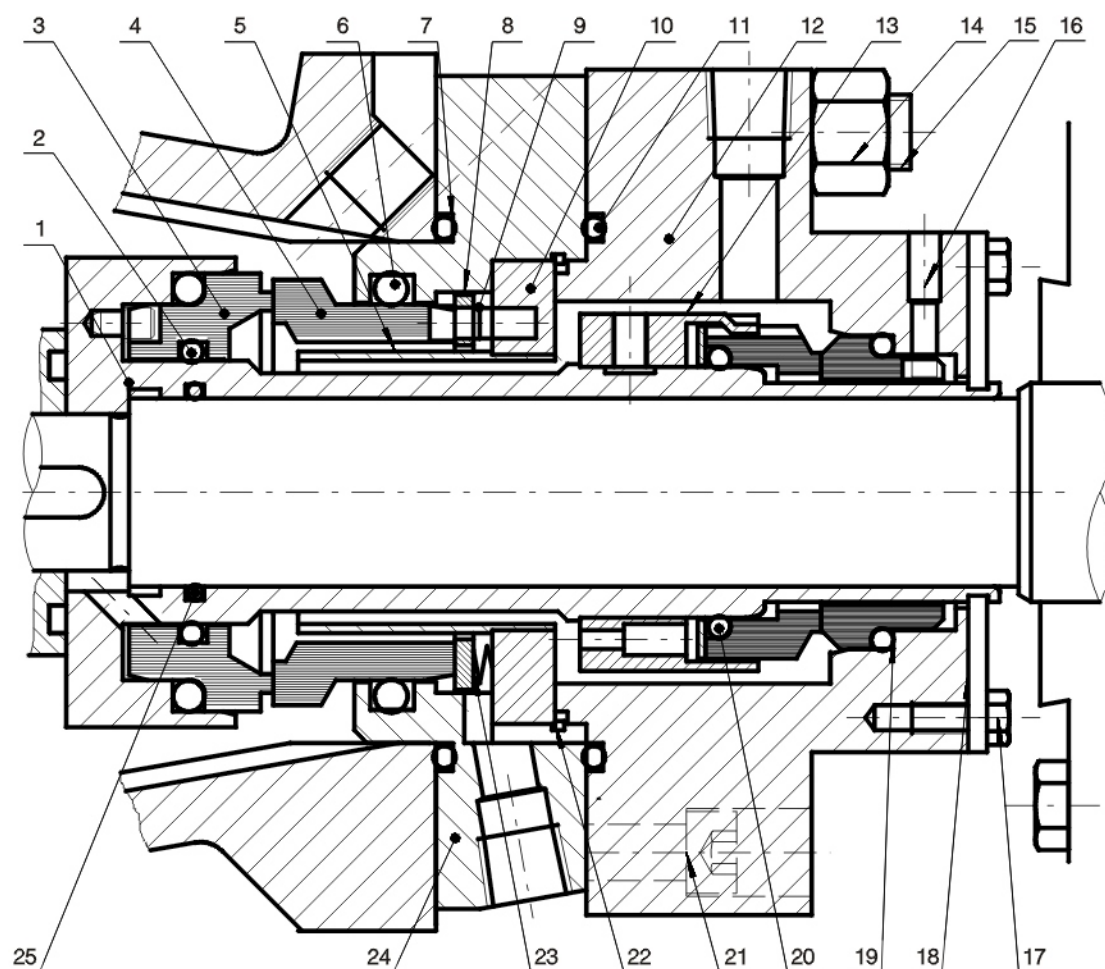
泵的轴封有本公司专利产品171C、171C/H75机封供用户选择。

For shaft seal of pump, there are patent products 171C、171C/H75 seal for your selection.



■ 171C

1	机封轴套 / shaft sleeve	12	静环压盖 / seal end gland
2	O型圈 / o ring	13	螺母 / nut
3	动环 / dynamic ring	14	螺柱 / stud
4	静环 / static ring	15	油封 / skeleton oil seal
5	冷却套 / cooling jacket	16	螺栓 / bolt
6	O型圈 / o ring	17	偏心挡板 / eccentric baffle
7	O型圈 / o ring	18	内六角螺栓 / bolt
8	推环 / thrust ring	19	卡环 / snap ring
9	防转销 / stop pin	20	弹簧 / spring
10	弹簧座 / spring seat	21	前压盖 / gland
11	O型圈 / o ring	22	O型圈 / o ring



171C/H75

1 机封轴套 / shaft sleeve	14 螺母 / nut
2 O型圈 / o ring	15 螺柱 / stud
3 动环 / dynamic ring	16 防转销 / stop pin
4 静环 / static ring	17 螺栓 / bolt
5 冷却套 / cooling jacket	18 偏心挡板 / eccentric baffle
6 O型圈 / o ring	19 O型圈 / o ring
7 O型圈 / o ring	20 O型圈 / o ring
8 推环 / thrust ring	21 内六角螺栓 / bolt
9 防转销 / stop pin	22 卡环 / snap ring
10 弹簧座 / spring seat	23 弹簧 / spring
11 O型圈 / o ring	24 前压盖 / gland
12 机封压盖 / gland	25 O型圈 / o ring
13 机械密封 / mechanical seal	

结构优化设计，操作安全性高 维修方便，使用寿命长

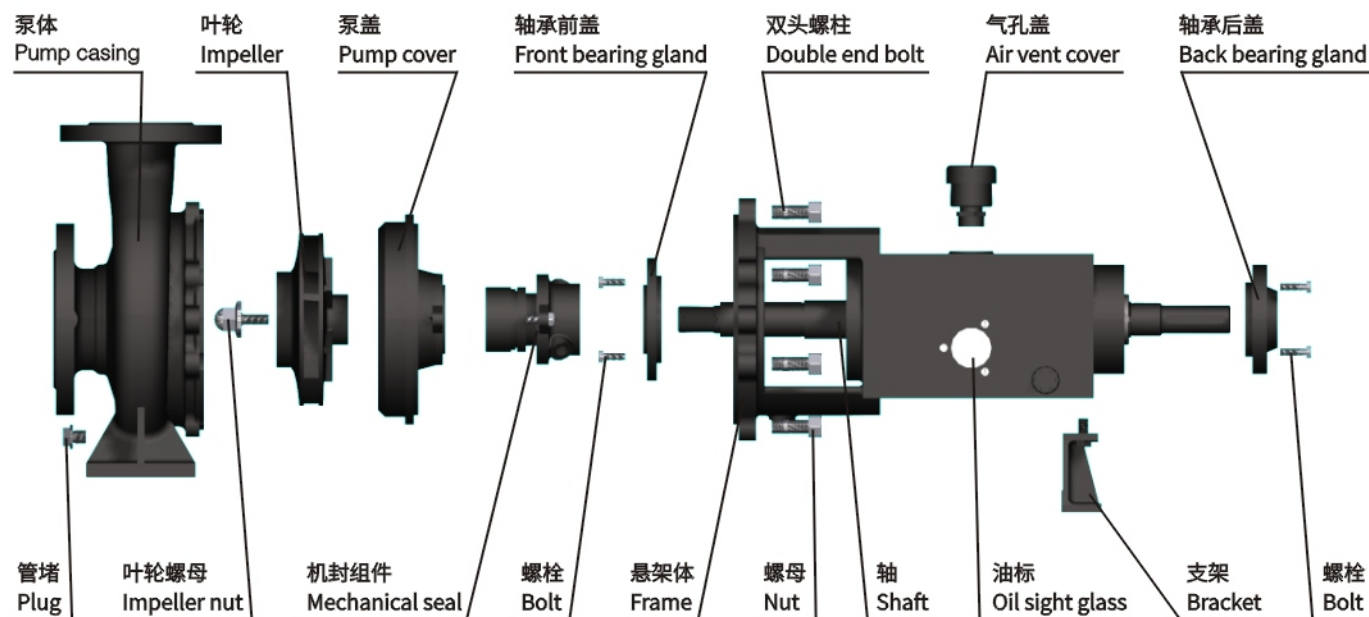
Optimized design, safe operation *Easy maintenance, long running life*

后开门形式，检修时无需拆卸进出口管道，灵活方便，安装简易。

产品零件高度互换，降低用户备件库存。

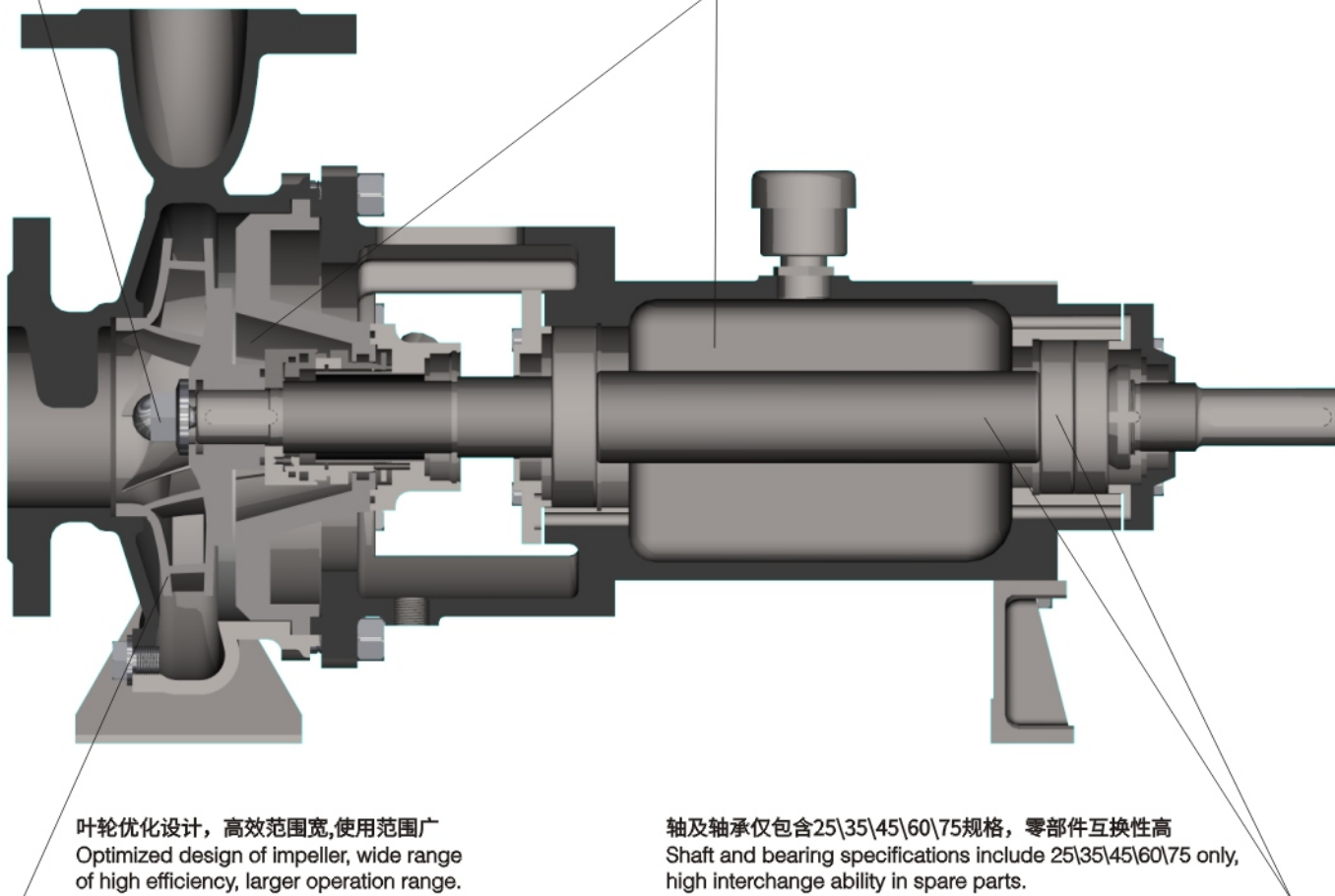
Rear door, no need to disassemble the suction and discharge pipeline during maintenance, convenient and easy installation.

Highly interchangeable in produce parts, to reduce spare parts for customers.



专用自锁紧叶轮螺母，消除叶轮螺母松脱危险
Special self-locking impeller nut, to eliminate the risk of release.

机封加热冷却可变，轴承箱可冷却
Heating or cooling of mechanical seal could be variable,
the bearing box could be cooling.



叶轮优化设计，高效范围宽，使用范围广
Optimized design of impeller, wide range
of high efficiency, larger operation range.

轴及轴承仅包含25\35\45\60\75规格，零部件互换性高
Shaft and bearing specifications include 25\35\45\60\75 only,
high interchange ability in spare parts.

双向平衡集装式锥形腔机械密封，无需调整压缩量，改善冲洗、冷却、润滑条件，延长机封使用寿命。

机封加热冷却可变，输送介质适应性广，提高泵型的通用性。

叶轮后叶片设计，减小轴向力，保持介质固相远离机封腔，提高机封使用寿命。

叶轮优化设计，高效范围宽，使用范围大，降低运行成本。

专用自锁紧叶轮螺母，提高泵使用可靠性，消除叶轮螺母松脱危险。

Bidirectional balanced mounted conical cavity seal, no need to adjust the amount of compression, improve flushing, cooling, lubrication conditions, extend the service life of mechanical seal.

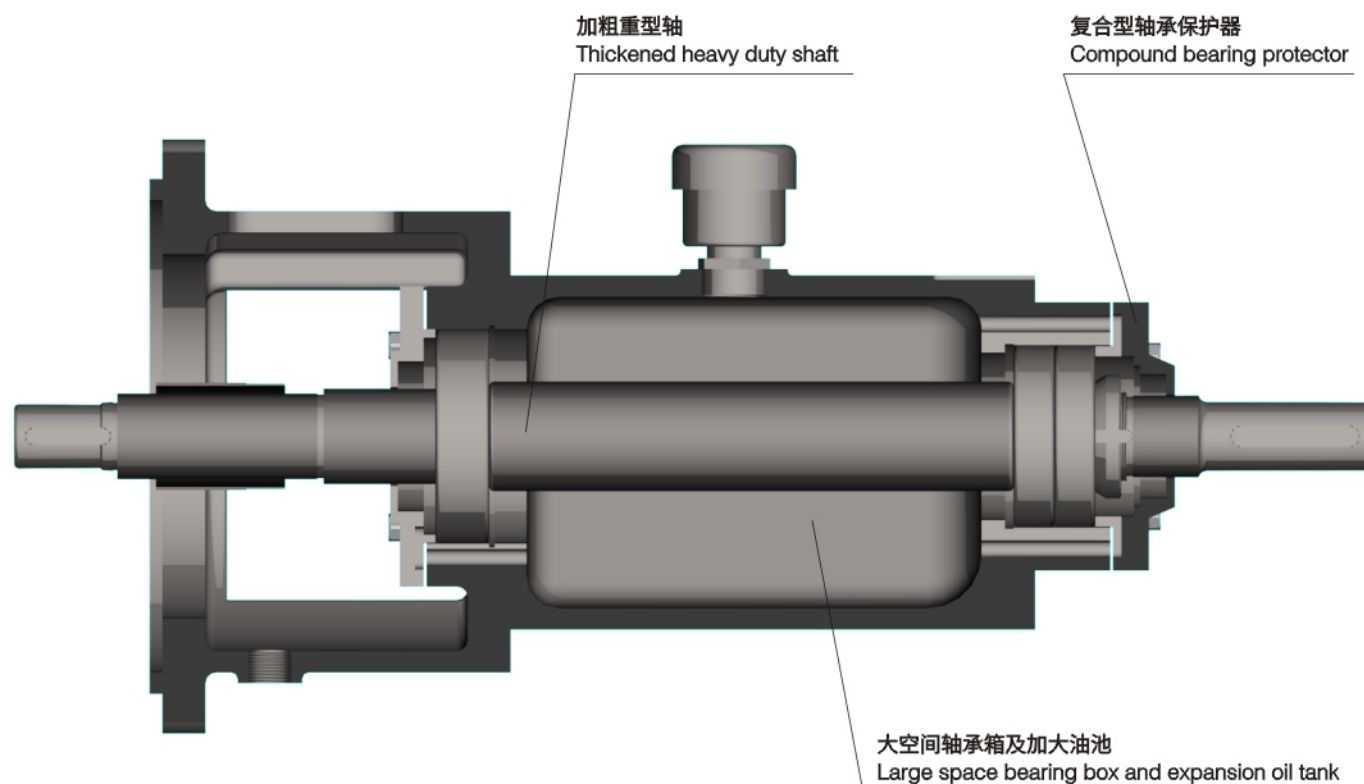
Heating or cooling of mechanical seal could be variable, wide adaptability, improve the general use of pump.

Back vane design, reduce axial force, keep the solid in the medium from sealing cavity, improve the service life of mechanical seal.

Optimization design impeller, wide range of efficiency and application, lower operating costs.

Special designed self-locking impeller nut, eliminate risk of release improve reliability.

结构优化设计，操作安全性高 维修方便，使用寿命长



加粗重型轴，加长轴承间距，提高承载能力及运行稳定性，降低维修费用及运行成本。

大空间轴承箱及油池，提高泵整体刚性，无需外加油杯，降低润滑油温升，延长轴承寿命。

复合迷宫轴承隔离器，彻底解决轴承箱漏油问题，防止进入灰尘及水，提高轴承使用寿命，运行更可靠。

Thickened heavy duty shaft, lengthen bearing space to improve the operation stability, reduce maintenance and operating cost.

Large space bearing box and oil tank, improve the overall rigidity of the pump, no need for external oil cup, reduce the temperature rise of lubrication oil, extend service life of bearing.

Compound labyrinth bearing isolator, solve the problem of oil leakage, in the bearing box, and prevent dust, water etc from entering, improve the service life and make the operation more reliable.

Optimized design, safe operation
Easy maintenance, long running life

直锥形吸水室，速度场均匀，水力损失小，吸水室加导向板，减小液流周向旋量，降低水头损失，提高效率。

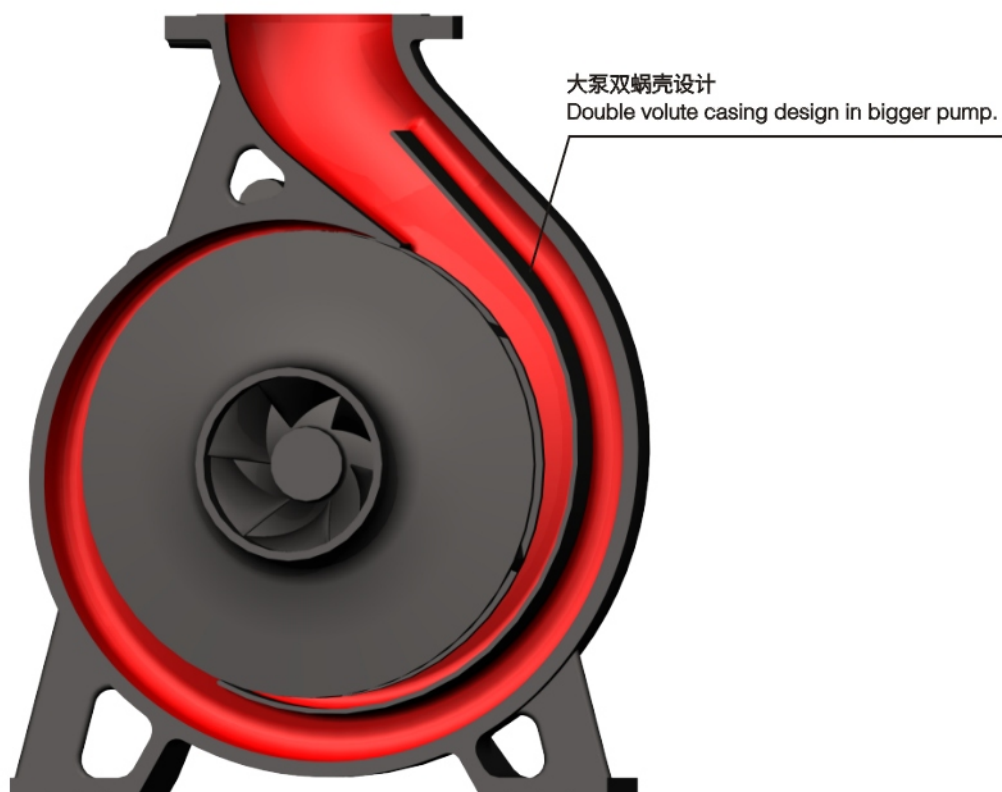
大泵双蜗壳设计，减小径向力，提高泵运行稳定性，实现更长使用寿命。

大泵采用B型角接触球轴承，适应不同工况（如高进口压力等）所产生的轴向力。

Straight tapered suction chamber, uniform velocity field, small hydraulic loss, suction chamber and guide plate, reduce the amount of liquid flow circumferential rotation, reduce head loss and improve efficiency.

Double volute casing design, reduce radial force, improve operation stability, longer service life.

Adopts B type angular contact ball bearing, suitable for axial force produced in different working situation (such as increasing suction pressure).



合同试验， 保证泵性能的满足

本公司依据合同和标准执行以下测试：

静水压试验

试验基于常温清水，压力为基本设计压力的1.5倍，保压10分钟。

性能试验

依据ISO9906标准测量，试验精度II类，验收类2B。

NPSH试验

依据ISO5199标准测量。

振动试验

依据ISO5199进行振动试验，泵的振动烈度级别控制在A级。

温度测量

在工作温度下，对轴承温升进行测量，测量的结果记录在案。

材料检验

零部件材质检验，铸件探伤，保证整机可靠性。

*Order-related tests,
confirm the performance of pump conform*

The company carries out the tests below as standard:

Hydrostatic pressure test

Hydrostatic pressure test based on clean water at ambient temperature, test pressure is 1.5 times on design pressure.

Performance test

Measurement according to ISO9906, accuracy class II, acceptance class 2B.

NPSH test

According to ISO5199 standard.

Vibration test

According to ISO5199, vibration lightness level is controlled at class A.

Temperature test

Test the temperature rise of bearing, and keep records.

Raw material inspect

Spare and casting parts inspection, to ensure the reliability of the whole machinery.



订货须知

Notice to Order

（一）配用电机的额定输出功率与泵的额定轴功率之比应按照下列的百分数：

轴功率	百分比%
22kW以下	125%
(22~75)kW	115%
75kW以上	115%

The ratio of the motor's rated power to the pump's shaft power should be the following:

The shaft power of the pump	the ratio (%)
Below 22kW	125%
(22-75)kW	115%
Above 75kW	115%

（二）订货时按《泵工作条件》详细填写。

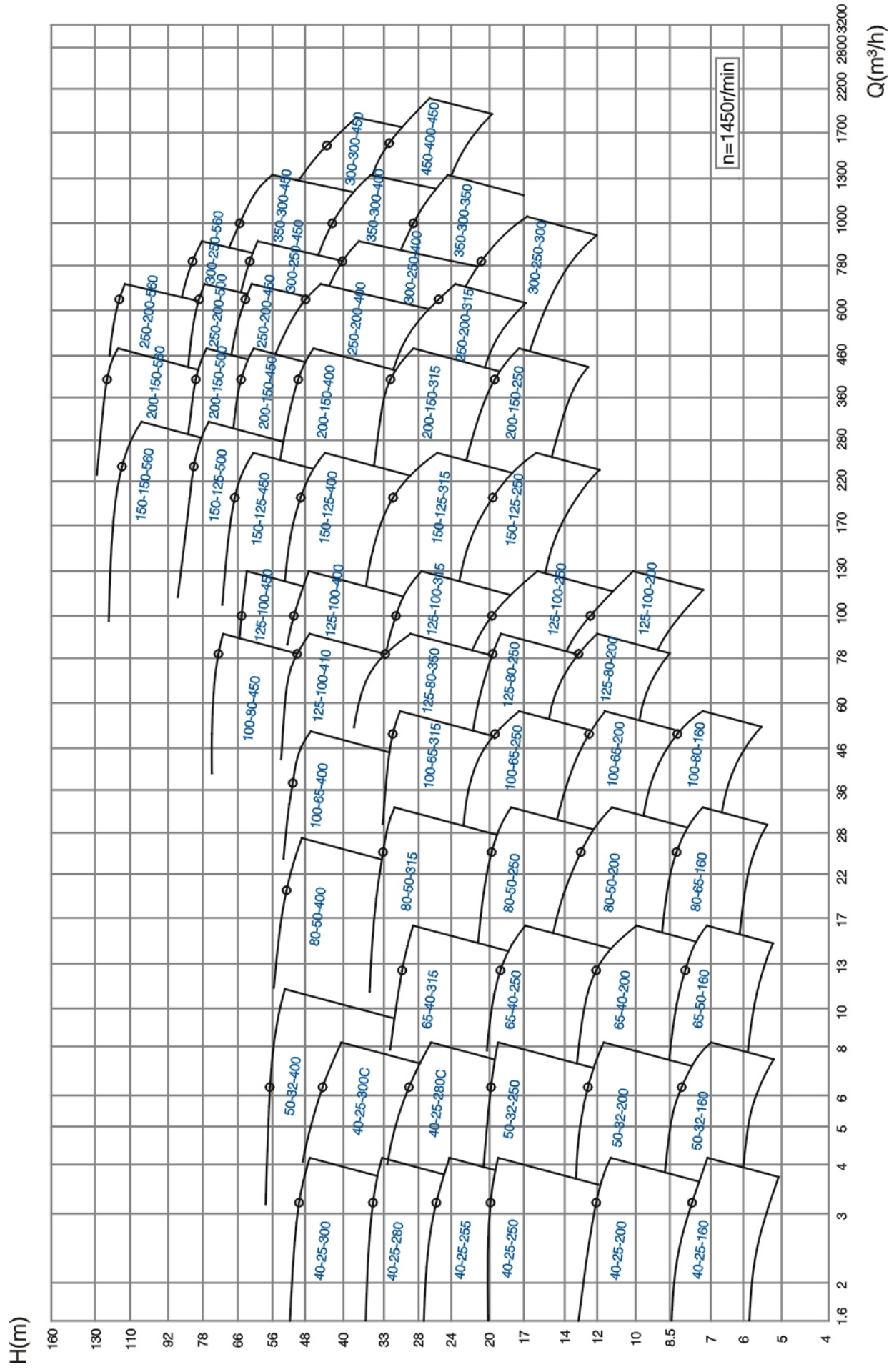
When ordering, please fill in the table "Working conditions of the pump".

（三）保修条款只有在使用本公司原厂备件时才有法律效力。

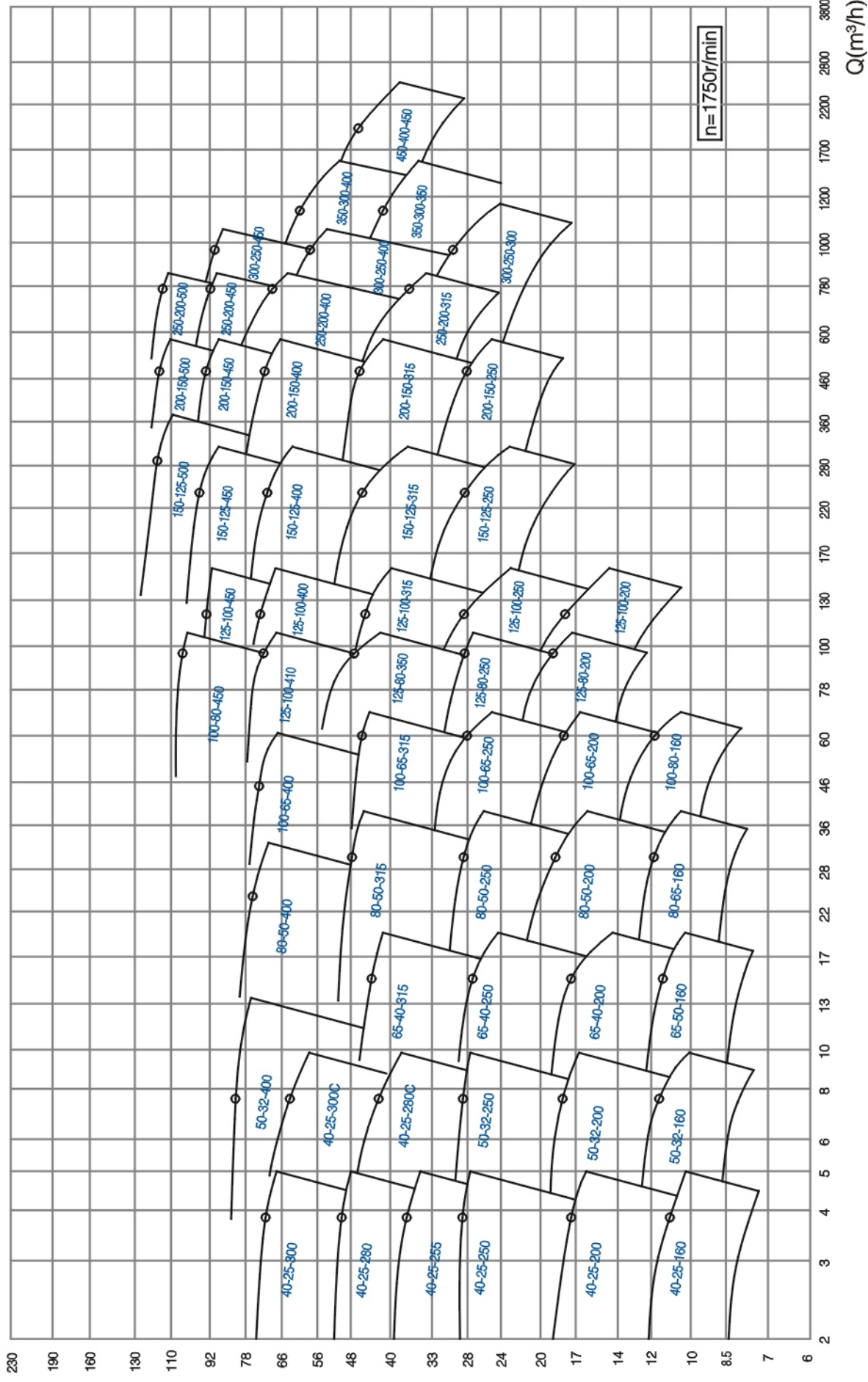
Warranty is valid only when genuine spare parts of our company are used.

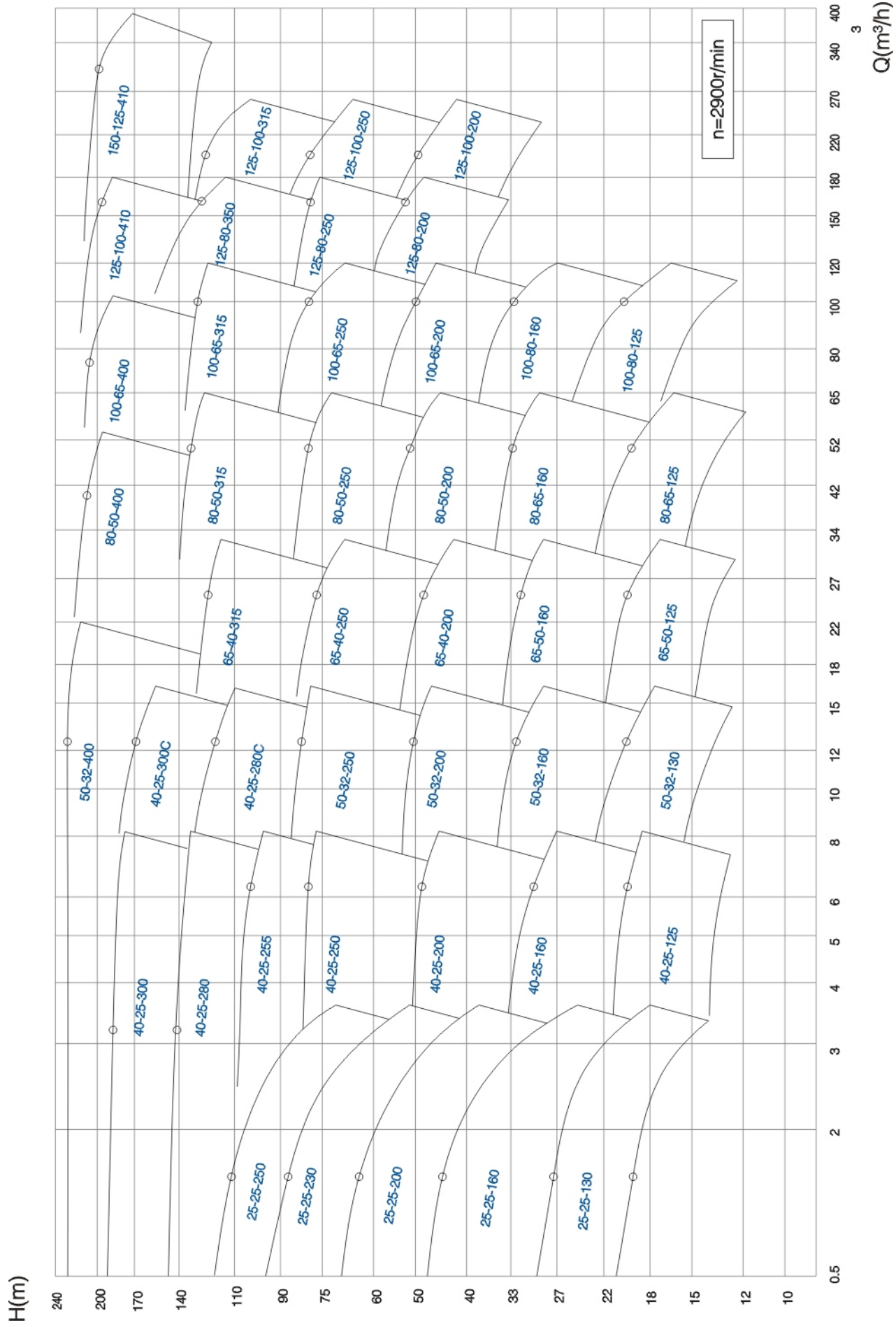
泵工作条件 Working Conditions of the Pump

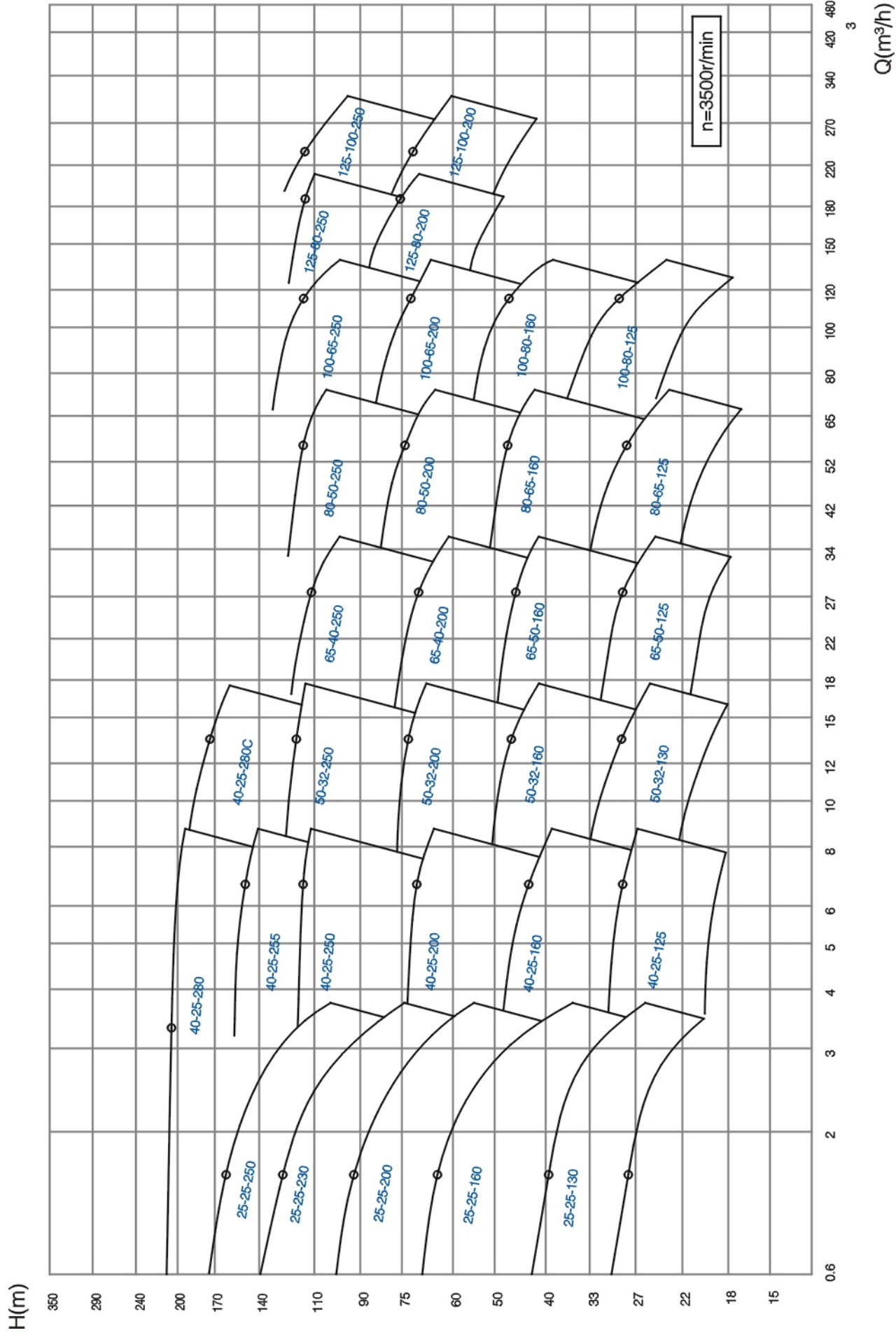
工作条件 Operating conditions					输送介质 Pumped fluid				
流量 Capacity	m³/h	最大 Max	额定 Rated	最小 Min	介质 1 Media		最大比例 Max ratio	最小比例 Min ratio	%
扬程 Total head	m	最大 Max	额定 Rated	最小 Min	介质 2 Media		最大比例 Max ratio	最小比例 Min ratio	%
进口压力 Suction pressure	MPa	最大 Max	额定 Rated	最小 Min	介质 3 Media		最大比例 Max ratio	最小比例 Min ratio	%
出口压力 Discharge pressure	MPa	最大 Max	额定 Rated	最小 Min	固体 Solid		含量（湿基） Content (humidity) Wt %		
必需汽蚀余量 NPSH required	m						粒度直径 Particle diameter mm		
操作条件 Operating conditions		连续 Continuous		间断 Intermittent	介质特性 Medium characteristics		腐蚀 Corrosion	磨(冲)蚀 Abrasion	
现场资料和公用事业条件 Spot conditions					泵送温度 Operation temp °C		最大 Max	正常 Normal	最小 Min
位置 Position					密度 Density		在操作温度下 Under operating temp kg/m³		
室内 Indoor	有采暖 With heating		有遮棚 With shield		粘度 Viscosity		在操作温度下 Under operating temp mPa.s		
室外 Outdoor	无采暖 Without heating		无遮棚 Without shield		汽化压力 Vapor pressure		在操作温度下 Under operating temp MPa(A)		
必须的防寒气候条件 Requirement of Cold-proof					比热 Specific heat		kcal/kg°C		
必须的耐湿热气候条件 Requirement of Damp-heat-proof					氯化物浓度 Concentration of chloride		PPM		
现场资料 Site condition					H2S(硫化氢)浓度 Concentration of H2S		PPM		
海拔高度 Altitude	m				危险程度 Hazardous liquid		易燃 Flammable	易爆 Explosive	有毒 Toxic
大气压力 Atmosphere pressure	kPa				挥发特性 Volatile characteristics		易 Easy	不易 Not easy	
相对湿度 Relative humidity	最大 Max	最小 Min		%	沸点 Boiling point		°C		
环境温度范围 Ambient temp. Range	°C				结晶温度 Crystallization temp		°C		
异常条件 Abnormal conditions	粉尘 Dust	烟雾 Smoking			熔点 Smelting point		°C		
危险区域 Electrical classification	类 Class	级 Division	组 Group		闪点 Point of flammability		°C		
电源 Power source	伏特 Volt	赫兹 Hz	相 Phase		相溶的液体 Compatible liquid				
冷却水 Cooling water	温度 Temp	压力 °C		压力 MPa	相溶的橡胶 Compatible rubber				
	氯化物浓度 Chloride concentration PPM				临界温度 Critical temp		°C		
仪表压缩空气 Compressed air of instrument	最大/最小压力 Max / Min. Pressure /MPa				临界压力 Critical pressure		MPa		
传动方式 Driving way					其它 Other				
联轴器 Coupling type									



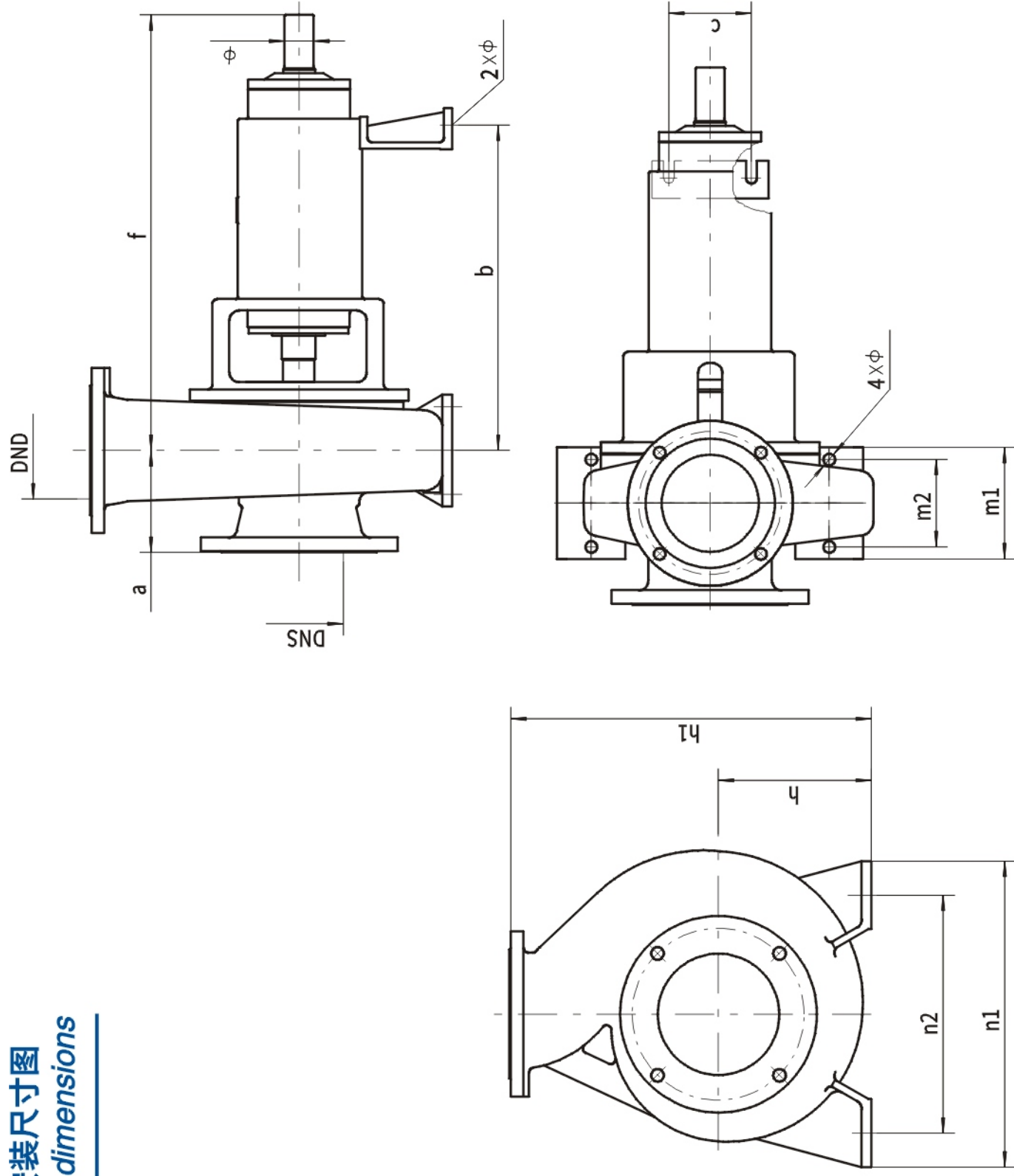
H(m)





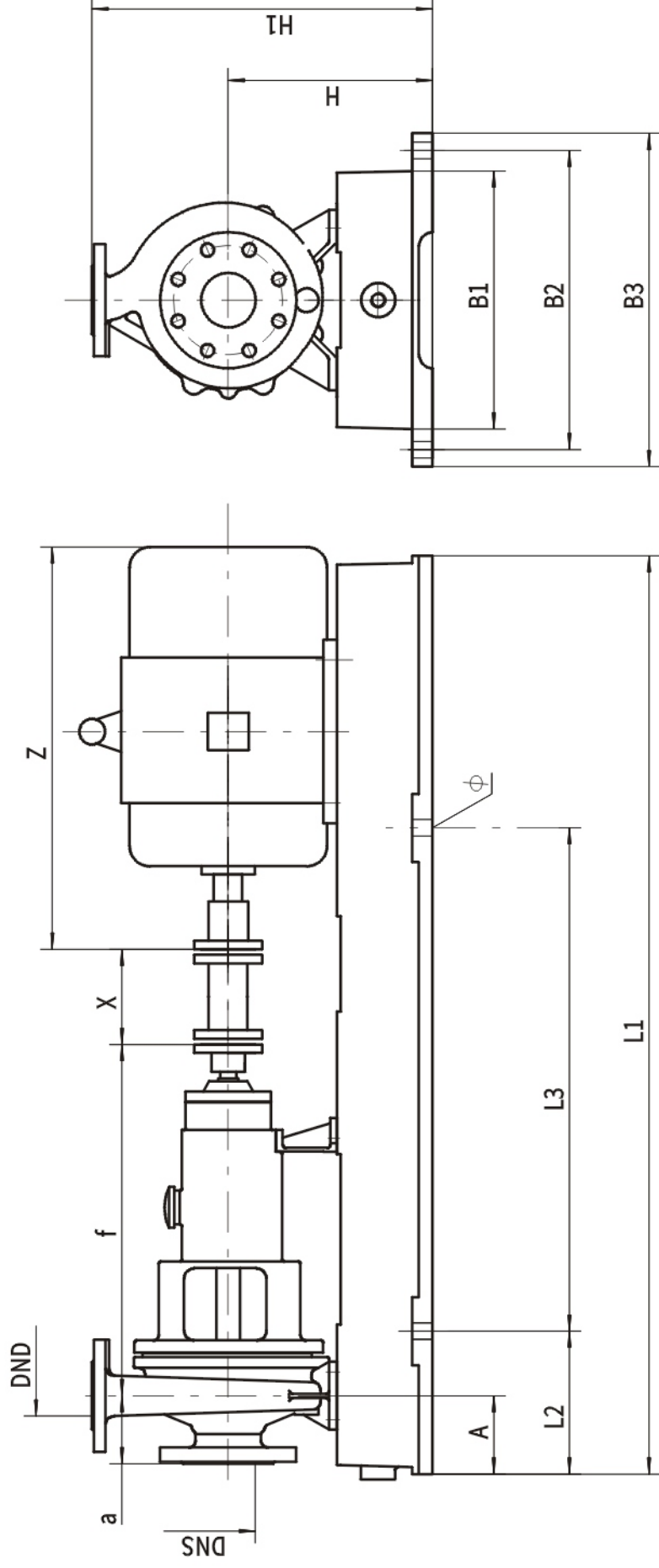


泵头安装尺寸图
Pump dimensions



型号 Pump Mode	DNS	DND	h	h1	n1	n2	m1	m2	4*φ	b	c	2*φ	a	f	φ				
IJ80-50-400	80	50	280	600	500	400	200	150	φ24	580	130 φ19			130	815	φ48			
IJ100-65-315	100	65	225	505	400	315									125		805		
IJ125-80-250	125	80	225	505	400	315								140					
IJ125-80-350	125	80	250	565	400	315	160	120	φ18										
IJ125-100-250	125	100	225	505	400	315								570					
IJ125-100-315	125	100	250	565	400	315													
IJ125-100-400	125	100	280	635	500	400	200	150	φ24										
IJ125-100-450	125	100	280	635	500	400								160					
IJ150-125-250	150	125	250	605	400	315	160	120	φ18										
IJ150-125-315	150	125	280	635	500	400					673			174	918	φ60			
IJ150-125-400	150	125	315	715	500	400											150		φ24
IJ200-150-250	200	150	280	655	500	400	200												
IJ150-125-450	150	125	315	730	550	450					170 φ22			160	922				
IJ200-150-315	200	150	315	715	550	450											180	922	
IJ200-150-400	200	150	315	765	550	450													
IJ200-150-450	200	150	380	855	700	550	260	200	φ26	677	170 φ22			210	945				
IJ250-200-315	250	200	315	745	630	490				673							230	930	
IJ250-200-400	250	200	360	815	630	490	240	180	φ24	677									
IJ300-250-300	300	250	360	780	610	510				701	170 φ22			287	937				
IJ300-250-400	300	250	360	820	550	450				685						230	930		
IJ300-250-450	300	250	380	880	540	450	260	200	φ26	692									

整泵安装尺寸图 Baseplate dimensions



- 1) 基于膜片联轴器，常规Y系列电动机；
- 2) 具体安装详见公司施工图。

- 1) based on diaphragm couplings, conventional Y series motors;
- 2) specific installation details see company construction drawings.

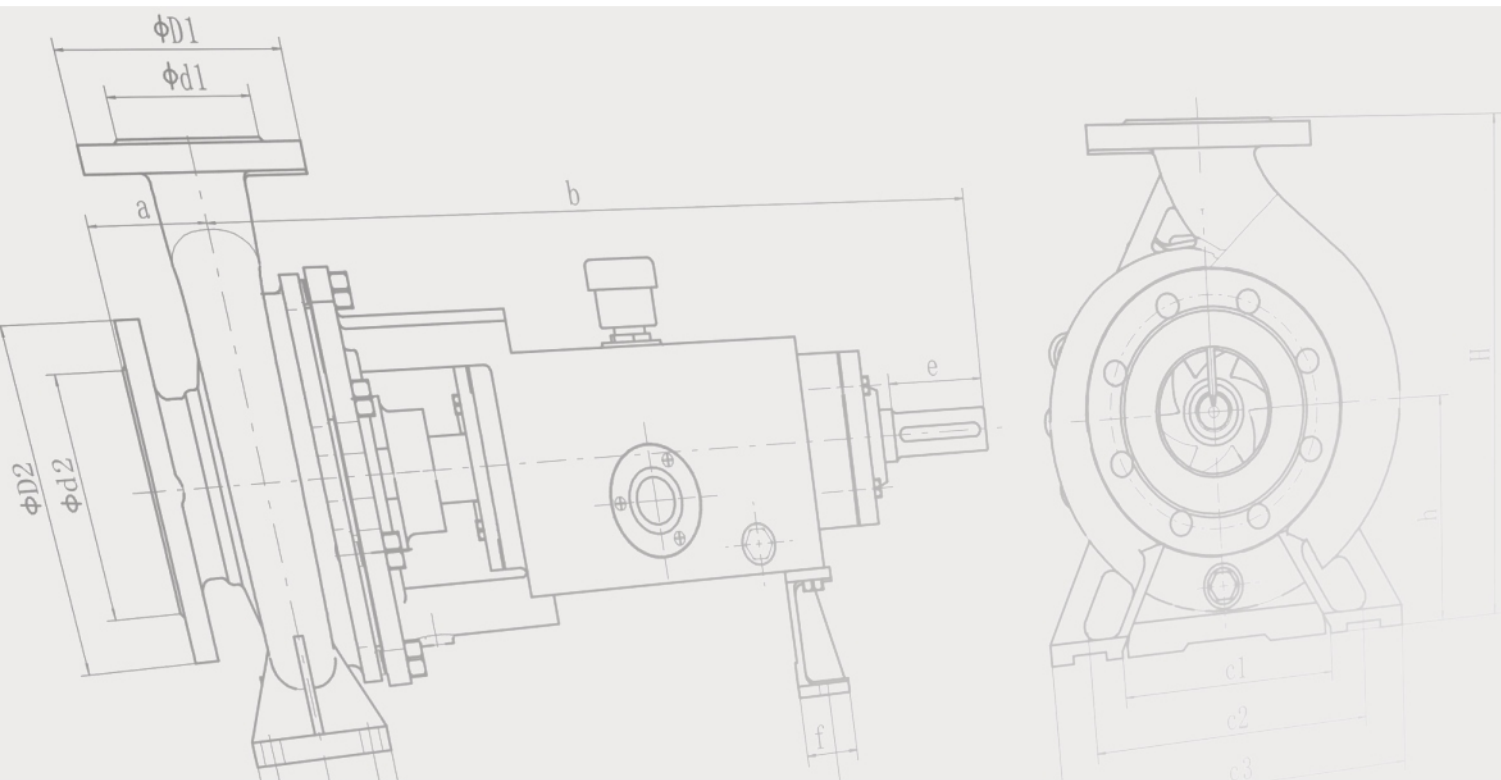
型号 Pump Mode	配用电机 Matched Motor	底座 Base	DNS	DND	L1	L2	L3	B1	B2	B3	H	H1	A	a	f	X	Z	φ
IJ40-25-125	Y80-2/1.1	2-1	40	25	950	150	540	250	320	360	237	367	70	77	491	140	305	4*φ18
IJ40-25-125	Y90S-2/1.5	3-3	40	25	1050	170	600	280	350	400	237	367	70	77	491	140	360	4*φ18
IJ40-25-125	Y90L-2/2.2	3-3	40	25	1050	170	600	280	350	400	237	367	70	77	491	140	390	4*φ18
IJ40-25-160	Y90L-2/2.2	3-3	40	25	1050	170	600	280	350	400	257	397	75	77	491	140	390	4*φ18
IJ40-25-160	Y100L-2/3	3-3	40	25	1050	170	600	280	350	400	257	397	75	77	491	140	435	4*φ18
IJ40-25-160	Y112M-2/4	3-3	40	25	1050	170	600	280	350	400	257	397	75	77	491	140	470	4*φ18
IJ40-25-200	Y112M-2/4	3-3	40	25	1050	170	600	280	350	400	285	455	75	77	491	140	470	4*φ18
IJ40-25-200	Y132S-2/5.5, 2/7.5	5-19	40	25	1350	210	740	380	440	500	300	470	115	77	491	140	510	4*φ24
IJ40-25-250	Y132S-2/5.5, 2/7.5	5-19	40	25	1350	210	740	380	440	500	320	545	115	77	491	140	510	4*φ24
IJ40-25-250	Y160M-2/11, 2/15	5-19	40	25	1350	210	740	380	440	500	320	545	115	77	491	140	670	4*φ24
IJ50-32-130	Y100L-2/3	3-3	50	32	1050	170	600	280	350	400	237	377	75	80	491	140	435	4*φ18
IJ50-32-130	Y112M-2/4	3-3	50	32	1050	170	600	280	350	400	237	377	75	80	491	140	470	4*φ18
IJ50-32-130	Y132S-2/5.5, 2/7.5	4-8	50	32	1320	220	660	340	400	450	302	442	80	80	491	140	510	4*φ24
IJ50-32-160	Y100L-2/3	3-3	50	32	1050	170	600	280	350	400	257	417	80	80	513	140	435	4*φ18
IJ50-32-160	Y112M-2/4	4-6	50	32	1260	190	660	340	400	450	257	417	80	80	513	140	470	4*φ24
IJ50-32-160	Y132S-2/5.5, 2/7.5	4-6	50	32	1260	190	660	340	400	450	257	417	80	80	513	140	510	4*φ24
IJ50-32-200	Y132S-2/5.5, 2/7.5	4-6	50	32	1260	190	660	340	400	450	285	465	80	80	513	140	510	4*φ24
IJ50-32-200	Y160M-2/11	6-7	50	32	1540	225	840	410	490	550	320	500	140	80	513	140	670	4*φ28
IJ50-32-250	Y160M-2/11, 2/15	6-7	50	32	1540	225	840	410	490	550	340	565	100	100	635	140	670	4*φ28
IJ50-32-250	Y160L-2/18.5	6-7	50	32	1540	225	840	410	490	550	340	565	100	100	635	140	700	4*φ28
IJ65-40-200	Y132S-2/7.5	4-6	65	40	1260	190	660	340	400	450	285	465	80	100	513	140	510	4*φ24
IJ65-40-200	Y160M-2/11, 2/15	6-7	65	40	1540	225	840	410	490	550	320	500	140	100	513	140	670	4*φ28
IJ65-40-250	Y160M-2/15	6-7	65	40	1540	225	840	410	490	550	340	565	100	100	635	140	670	4*φ28
IJ65-40-250	Y180M-2/22	6-7	65	40	1540	225	840	410	490	550	340	565	100	100	635	140	740	4*φ28
IJ65-40-250	Y200L-2/30	7-10	65	40	1620	260	940	460	550	620	360	585	95	100	635	140	790	4*φ28

型号 Pump Mode	配用电机 Matched Motor	底座 Base	DNS	DND	L1	L2	L3	B1	B2	B3	H	H1	A	a	f	X	Z	φ
IJ65-50-125	Y100L-2/3	3-3	65	50	1050	170	600	280	350	400	237	389	80	80	513	140	435	4*φ18
IJ65-50-125	Y112M-2/4	4-6	65	50	1260	190	660	340	400	450	237	389	80	80	513	140	470	4*φ24
IJ65-50-125	Y132S-2/5.5	4-8	65	50	1320	220	660	340	400	450	302	454	80	80	513	140	510	4*φ24
IJ65-50-160	Y132S-2/5.5, 2/7.5	4-6	65	50	1260	190	660	340	400	450	257	417	80	80	513	140	510	4*φ24
IJ65-50-160	Y160M-2/11	4-8	65	50	1320	220	660	340	400	450	322	482	80	80	513	140	670	4*φ24
IJ80-50-200	Y160M-2/15	6-7	80	50	1540	225	840	410	490	550	320	520	150	100	513	140	670	4*φ28
IJ80-50-200	Y160L-2/18.5	6-7	80	50	1540	225	840	410	490	550	320	520	150	100	513	140	700	4*φ28
IJ80-50-200	Y180M-2/22	7-10	80	50	1620	260	940	460	550	620	340	540	160	100	513	140	740	4*φ28
IJ80-50-400	Y250M-2/55	9-14	80	50	2120	330	600/600	580	670	730	480	800	140	130	815	180	915	6*φ28
IJ80-50-400	Y280S-2/75	9-14	80	50	2120	330	600/600	580	670	730	480	800	140	130	815	180	985	6*φ28
IJ80-50-400	Y280M-2/90	9-14	80	50	2120	330	600/600	580	670	730	480	800	140	130	815	180	1035	6*φ28
IJ80-65-125	Y132S-2/5.5, 2/7.5	4-6	80	65	1260	190	660	340	400	450	257	417	80	100	513	140	510	4*φ24
IJ80-65-125	Y160M-2/11	4-8	80	65	1320	220	660	340	400	450	322	482	80	100	513	140	670	4*φ24
IJ80-65-160	Y132S-2/7.5	4-6	80	65	1260	190	660	340	400	450	285	465	80	100	513	140	510	4*φ24
IJ80-65-160	Y160M-2/11, 2/15	6-7	80	65	1540	225	840	410	490	550	320	500	140	100	513	140	670	4*φ28
IJ80-65-160	Y160L-2/18.5	6-7	80	65	1540	225	840	410	490	550	320	500	140	100	513	140	700	4*φ28
IJ100-80-125	Y132S-2/7.5	4-6	100	80	1260	190	660	340	400	450	285	465	95	100	513	140	510	4*φ24
IJ100-80-125	Y160M-2/11, 2/15	6-7	100	80	1540	225	840	410	490	550	320	500	140	100	513	140	670	4*φ28
IJ100-80-125	Y160L-2/18.5	6-7	100	80	1540	225	840	410	490	550	320	500	140	100	513	140	700	4*φ28
IJ80-50-250	Y180M-2/22	6-7	80	50	1540	225	840	410	490	550	340	565	100	125	635	140	740	4*φ28
IJ80-50-250	Y200L-2/30, 2/37	7-10	80	50	1620	260	940	460	550	620	360	585	95	125	635	140	790	4*φ28
IJ80-50-250	Y225M-2/45	7-11	80	50	1620	260	940	460	550	610	370	595	95	125	635	180	855	4*φ28
IJ100-65-200	Y180M-2/22	6-7	100	65	1540	225	840	410	490	550	340	565	100	100	635	140	740	4*φ28
IJ100-65-200	Y200L-2/30, 2/37	7-10	100	65	1620	260	940	460	550	620	360	585	95	100	635	140	790	4*φ28
IJ100-65-200	Y225M-2/45	7-11	100	65	1620	260	940	460	550	610	370	595	110	100	635	180	855	4*φ28

型号 Pump Mode	配用电机 Matched Motor	底座 Base	DNS	DND	L1	L2	L3	B1	B2	B3	H	H1	A	a	f	X	Z	φ
IJ100-65-250	Y200L-2/37	7-10	100	65	1620	260	940	460	550	620	380	630	110	125	635	140	790	4*φ28
IJ100-65-250	Y225M-2/45	7-10	100	65	1620	260	940	460	550	620	380	630	110	125	635	180	855	4*φ28
IJ100-65-250	Y280S-2/75	9-14	100	65	2120	330	600/600	580	670	730	400	650	140	125	635	180	985	6*φ28
IJ100-65-315	Y160M-4/11	7-12	100	65	1620	260	940	460	550	610	405	685	120	125	805	140	670	4*φ28
IJ100-65-315	Y160L-4/15	8-15	100	65	1840	300	600/600	510	600	664	425	705	120	125	805	140	700	6*φ28
IJ100-65-315	Y180M-4/18.5	8-13	100	65	1840	300	600/600	510	600	664	425	705	120	125	805	140	740	6*φ28
IJ100-80-160	Y160M-2/15	6-7	100	80	1540	225	840	410	490	550	320	520	100	100	635	140	670	4*φ28
IJ100-80-160	Y180M-2/22	7-10	100	80	1620	260	940	460	550	620	340	540	110	100	635	140	740	4*φ28
IJ100-80-160	Y200L-2/30	7-11	100	80	1620	260	940	460	550	610	350	550	110	100	635	140	790	4*φ28
IJ125-80-200	Y200L-2/30, 2/37	7-10	125	80	1620	260	940	460	550	620	360	710	110	125	635	140	790	4*φ28
IJ125-80-200	Y225M-2/45	7-11	125	80	1620	260	940	460	550	610	370	620	110	125	635	180	855	4*φ28
IJ125-80-200	Y250M-2/55	9-17	125	80	2120	330	600/600	580	670	730	425	675	160	125	635	180	915	6*φ28
IJ125-100-200	Y225M-2/45	7-10	125	100	1620	260	940	460	550	620	380	660	110	125	635	180	855	4*φ28
IJ125-100-200	Y250M-2/55	9-14	125	100	2120	330	600/600	580	670	730	400	680	130	125	635	180	915	6*φ28
IJ125-100-200	Y280S-2/75	9-17	125	100	2120	330	600/600	580	670	730	445	725	160	125	635	180	985	6*φ28
IJ125-80-250	Y160M-4/11	7-12	125	80	1620	260	940	460	550	610	405	685	120	140	805	140	670	4*φ28
IJ125-80-250	Y160L-4/15	8-15	125	80	1840	300	600/600	510	600	664	425	705	120	140	805	140	700	6*φ28
IJ125-80-350	Y160L-4/15	8-15	125	80	1840	300	600/600	510	600	664	450	765	120	140	805	140	700	6*φ28
IJ125-80-350	Y180M-4/18.5	8-15	125	80	1840	300	600/600	510	600	664	450	765	120	140	805	140	740	6*φ28
IJ125-80-350	Y180L-4/22	8-15	125	80	1840	300	600/600	510	600	664	450	765	120	140	805	180	790	6*φ28
IJ125-100-250	Y160M-4/11	7-12	125	100	1620	260	940	460	550	610	405	685	120	140	805	140	670	4*φ28
IJ125-100-250	Y160L-4/15	8-15	125	100	1840	300	600/600	510	600	664	425	705	120	140	805	140	700	6*φ28
IJ125-100-250	Y180M-4/18.5	8-13	125	100	1840	300	600/600	510	600	664	425	705	120	140	805	140	740	6*φ28
IJ125-100-315	Y160L-4/15	8-15	125	100	1840	300	600/600	510	600	664	450	765	140	140	805	140	700	6*φ28
IJ125-100-315	Y180L-4/22	8-15	125	100	1840	300	600/600	510	600	664	450	765	140	140	805	180	790	6*φ28

型号 Pump Mode	配用电机 Matched Motor	底座 Base	DNS	DND	L1	L2	L3	B1	B2	B3	H	H1	A	a	f	X	Z	φ
IJ125-100-315	Y200L-4/30	8-13	125	100	1840	300	600/600	510	600	664	450	765	120	140	805	180	790	6*φ28
IJ125-100-400	Y200L-4/30	8-15	125	100	1840	300	600/600	510	600	664	480	835	140	140	805	180	790	6*φ28
IJ125-100-400	Y225S-4/37	8-15	125	100	1840	300	600/600	510	600	664	480	835	140	140	805	180	830	6*φ28
IJ125-100-400	Y250M-4/55	9-14	125	100	2120	330	600/600	580	670	730	480	835	140	140	805	180	915	6*φ28
IJ125-100-450	Y225M-4/45	8-15	125	100	1840	300	600/600	510	600	664	480	835	140	140	805	180	855	6*φ28
IJ125-100-450	Y250M-4/55	9-14	125	100	2120	330	600/600	580	670	730	480	835	140	140	805	180	915	6*φ28
IJ125-100-450	Y280S-4/75	9-14	125	100	2120	330	600/600	580	670	730	480	835	140	140	805	180	985	6*φ28
IJ150-125-250	Y180M-4/18.5	8-15	150	125	1840	300	600/600	510	600	664	450	805	140	140	805	140	740	6*φ28
IJ150-125-250	Y180L-4/22	8-15	150	125	1840	300	600/600	510	600	664	450	805	140	140	805	180	790	6*φ28
IJ150-125-250	Y225S-4/37	8-13	150	125	1840	300	600/600	510	600	664	450	805	120	140	805	180	830	6*φ28
IJ150-125-315	Y200L-4/30	8-15	150	125	1840	300	600/600	510	600	664	480	835	140	140	805	180	790	6*φ28
IJ150-125-315	Y225S-4/37	8-15	150	125	1840	300	600/600	510	600	664	480	835	140	140	805	180	830	6*φ28
IJ150-125-315	Y225M-4/45	8-15	150	125	1840	300	600/600	510	600	664	480	835	140	140	805	180	855	6*φ28
IJ150-125-400	Y225M-4/45	8-15	150	125	1840	300	600/600	510	600	664	515	915	140	140	805	180	855	6*φ28
IJ150-125-400	Y280S-4/75	9-16	150	125	2120	330	600/600	580	670	730	515	915	140	140	805	180	985	6*φ28
IJ150-125-400	Y280M-4/90	9-16	150	125	2120	330	600/600	580	670	730	515	915	140	140	805	180	1035	6*φ28
IJ150-125-450	Y250M-4/55	9-16	150	125	2120	330	600/600	580	670	730	515	930	140	174	918	180	915	6*φ28
IJ150-125-450	Y280S-4/75	9-16	150	125	2120	330	600/600	580	670	730	515	930	140	174	918	180	985	6*φ28
IJ150-125-450	Y315M-4/132	10-16A	150	125	2550	375	750/750	660	750	810	515	930	170	174	918	180	1210	6*φ28
IJ200-150-250	Y200L-4/30	8-15	200	150	1840	300	600/600	510	600	664	480	855	140	160	805	180	790	6*φ28
IJ200-150-250	Y225S-4/37	8-15	200	150	1840	300	600/600	510	600	664	480	855	140	160	805	180	830	6*φ28
IJ200-150-250	Y225M-4/45	8-15	200	150	1840	300	600/600	510	600	664	480	855	140	160	805	180	855	6*φ28
IJ200-150-315	Y250M-4/55	9-16	200	150	2120	330	600/600	580	670	730	515	915	140	160	918	180	915	6*φ28
IJ200-150-315	Y280S-4/75	9-16	200	150	2120	330	600/600	580	670	730	515	915	140	160	918	180	985	6*φ28
IJ200-150-315	Y280M-4/90	9-16	200	150	2120	330	600/600	580	670	730	515	915	140	160	918	180	1035	6*φ28

型号 Pump Mode	配用电机 Matched Motor	底座 Base	DNS	DND	L1	L2	L3	B1	B2	B3	H	H1	A	a	f	X	Z	φ
IJ200-150-400	Y280M-4/90	10-16	200	150	2250	375	750/750	660	750	810	515	965	160	160	918	180	1035	6*φ28
IJ200-150-400	Y315S-4/110	10-16A	200	150	2550	375	750/750	660	750	810	515	965	160	160	918	180	1290	6*φ28
IJ200-150-400	Y315M-4/132	10-16A	200	150	2550	375	750/750	660	750	810	515	965	160	160	918	180	1210	6*φ28
IJ200-150-450	Y315S-4/110	12-1	200	150	2555	375	900/900	800	920	990	580	1055	200	180	922	180	1290	6*φ28
IJ200-150-450	Y315M-4/132	12-1	200	150	2555	375	900/900	800	920	990	580	1055	200	180	922	180	1210	6*φ28
IJ200-150-450	Y315L1-4/160	12-1	200	150	2555	375	900/900	800	920	990	580	1055	200	180	922	180	1320	6*φ28
IJ250-200-315	Y280S-4/75	10-16	250	200	2250	375	750/750	660	750	810	515	945	160	210	917	180	985	6*φ28
IJ250-200-315	Y315S-4/110	10-16A	250	200	2550	375	750/750	660	750	810	515	945	160	210	917	180	1290	6*φ28
IJ250-200-315	Y315M-4/132	10-16A	250	200	2550	375	750/750	660	750	810	515	945	160	210	917	180	1210	6*φ28
IJ250-200-400	Y315M-4/132	10-16A	250	200	2550	375	750/750	660	750	810	560	1015	160	210	922	180	1210	6*φ28
IJ250-200-400	Y315S-4/110	10-16A	250	200	2550	375	750/750	660	750	810	560	1015	160	210	922	180	1290	6*φ28
IJ250-200-400	Y315L2-4/200	12-1B	250	200	3050	375	900/900	800	920	980	560	1015	180	210	922	180	1320	6*φ28
IJ300-250-300	Y280S-4/75	10-16	300	250	2250	375	750/750	660	750	810	560	980	160	230	945	180	985	6*φ28
IJ300-250-300	Y280M-4/90	10-16	300	250	2250	375	750/750	660	750	810	560	980	160	230	945	180	1035	6*φ28
IJ300-250-300	Y315M-4/132	10-16A	300	250	2550	375	750/750	660	750	810	560	980	160	230	945	180	1210	6*φ28
IJ300-250-400	Y315S-4/110	10-16A	300	250	2550	375	750/750	660	750	810	560	1020	160	287	930	180	1290	6*φ28
IJ300-250-400	Y315M-4/132	10-16A	300	250	2550	375	750/750	660	750	810	560	1020	160	287	930	180	1210	6*φ28
IJ300-250-400	Y315L1-4/160	10-16A	300	250	2550	375	750/750	660	750	810	560	1020	160	287	930	180	1320	6*φ28
IJ300-250-450	Y315L1-4/160	10-16A	300	250	2550	375	750/750	660	750	810	580	1080	160	287	930	180	1320	6*φ28
IJ300-250-450	Y315L2-4/200	12-1B	300	250	3050	375	900/900	800	920	980	580	1080	170	287	930	180	1320	6*φ28
IJ300-250-450	Y355M2-4/250	12-1B	300	250	3050	375	900/900	800	920	980	580	1080	170	287	930	180	1500	6*φ28
IJ350-300-400	Y280S-6/45	12-1	350	300	2555	375	900/900	800	920	990	580	1110	190	287	937	180	985	6*φ28
IJ350-300-400	Y315M-6/90	12-1	350	300	2555	375	900/900	800	920	990	580	1110	190	287	937	180	1210	6*φ28
IJ350-300-400	Y315L1-4/160	12-1	350	300	2555	375	900/900	800	920	990	580	1110	190	287	937	180	1320	6*φ28



杭州碱泵有限公司
HANGZHOU ALKALI PUMP CO.,LTD.
浙江华泵科技有限公司
HB PUMP CO., LTD.

杭州市三墩镇西湖科技园西园五路12号
 No.12 Xiyuan 5 Road, Westlake Science & Technology
 Zone, Sandun Town, Hangzhou

邮编(P.C.): 310030
 销售部电话(Tel): +86-571-89905601/89905603
 +86-571-89900102(For International Clients)
 销售部传真Fax: +86 571 89905602
<http://www.hbgroups.com>
 E-mail: sales@hbgroups.com

版本号: 2018.08

