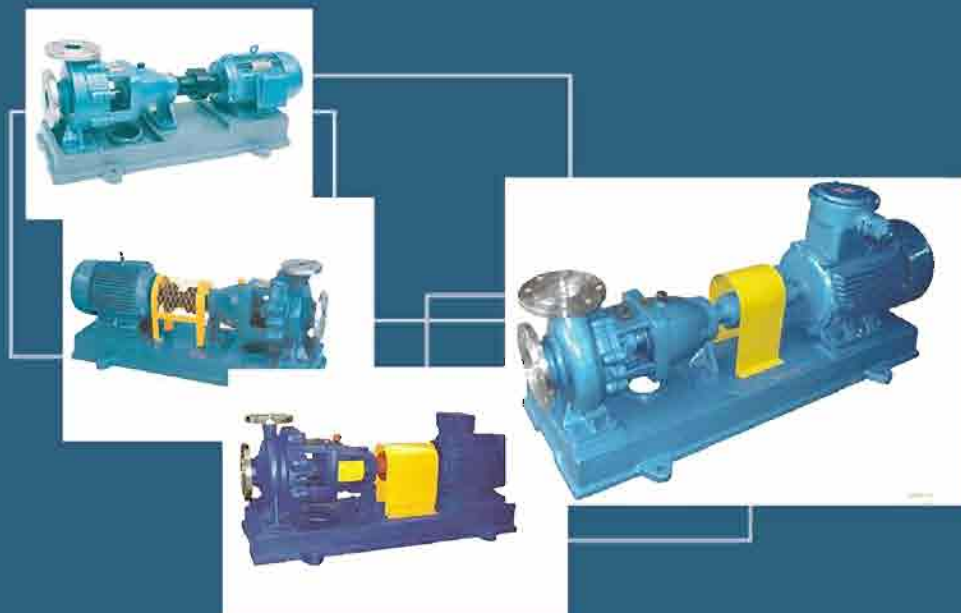




IH系列化工离心泵

IH SERIES CHEMICAL CENTRIFUGAL PUMP



泊头市华拓泵业有限公司

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企业简介

Brief Introduction

泊头市华拓泵业有限公司是研制产销各种工业用泵的专业厂家。公司位于素有“铸造之乡”和“汽车模具之乡”的河北省泊头市，毗邻京沪线，石黄线，104和106国道，交通非常便利。

本公司集科研、生产、销售、服务于一体，生产设备精良，设计水平先进，生产工艺及检测设备完善，已通过了ISO9001-2000国际质量管理体系认证和中国船级社认证。产品投放市场以来，以卓越的品质，优质的服务，诚信的经营风格，铸造了“华拓”品牌产品。

华拓泵业产品规格齐全，性能可靠，质优价廉，赢得了广大客户的信赖；主要产品有齿轮泵系列，螺杆泵系列，离心泵系列，转子泵系列，磁力泵系列等。产品广泛用于石油、化工、船舶、电力、食品、粮油、制药、印染、煤炭、建材、冶金及国防科研等各行业润滑用泵和流体的输送，增压。

华拓泵业面对日趋激烈的市场竞争和全球经济一体化的严峻考验，会始终坚持“质量第一、信誉第一、用户第一、服务第一”的企业宗旨，恪守“以科技创新，以质求存，持续改进，互利双赢”的企业理念，以人才构筑企业基石，以科技推动企业发展，一切围绕客户，创造顾客满意产品价值链。华拓泵业愿与各界朋友真诚合作，共谋发展，为用泵行业提供一流的产品和完美的流体输送解决方案。

华拓人竭诚欢迎各界朋友前来洽谈协作，共创辉煌！

概述 OVERVIEW

IH型化工泵是单级单吸(轴向吸入)悬臂式离心泵, 供输送不含固体颗粒、具有腐蚀性、粘度类似于水的液体。其标记、额定性能和尺寸等效采用国际标准ISO2858, 具有性能范围广、效率高、“三化”水平高和维修方便等特点, 其效率比F型泵平均提高5%, 是国家推广的节能型产品。

IH型化工泵输送介质温度为 $-20^{\circ}\text{C}\sim 105^{\circ}\text{C}$, 需要时采用冷却措施可输送更高温度的介质, 适用于化工、石油、冶金、电力、造纸、食品、制药和合成纤维等行业用于输送各种腐蚀性的或不允许污染的类似于水的介质。

IH model chemical pump is single-stage end-suction (axial suction) cantilever type centrifugal pump, which is used to transport corrosive liquid with viscosity similar to water and without solid particles. The marked and rated performances and dimensions adopt ISO2858 international standard. It has such characteristics as wide range of performance, high efficiency, high mechanical, chemical and physical level and convenient maintenance etc. It is energy saving type product recommended by the nation with its efficiency being 5% greater than that of F model pump.

The temperature of transported media of IH model chemical pump is $-20^{\circ}\text{C}\sim 105^{\circ}\text{C}$. Through adopting cooling method, it can transport media with higher temperature if necessary, and is applied to transport various corrosive media or media in which suction is forbidden similar to water in such industries as chemical industry, petroleum, metallurgy, electric power, paper making, food, pharmacy and synthetic fiber etc.

性能范围 RANGE OF PERFORMANCE

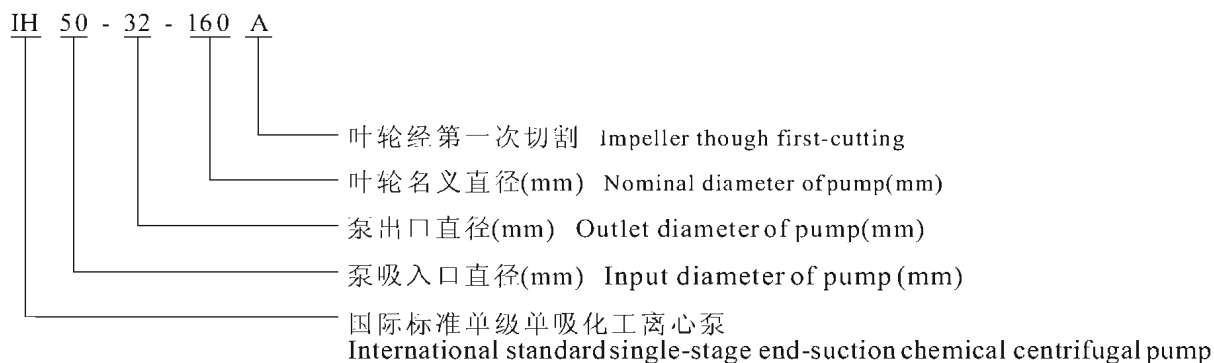
流量: $6.3\sim 400\text{m}^3/\text{h}$;
扬程: $5\sim 125\text{m}$;
转速: $2900\text{r}/\text{min}$ 和 $1450\text{r}/\text{min}$;
配带功率: $0.55\sim 90\text{kW}$;
进口直径: $50\sim 200\text{mm}$;
最高工作压力: 1.6MPa 。

IH型泵有29个基本型, 其中22个双速(2900 、 $1450\text{r}/\text{min}$)经过A、B两种型式的叶轮直径切割变型后, 达112个规格。

Capacity: $6.3\sim 400\text{m}^3/\text{h}$;
Head: $5\sim 125\text{m}$;
Speed: $2900\text{r}/\text{min}$ and $1450\text{r}/\text{min}$;
Power of fitted motor: $0.55\sim 90\text{kW}$;
Inlet diameter: $50\sim 200\text{mm}$;
The highest work pressure: 1.6MPa 。

IH model pumps are classified as 29 basic types, among which, 22 two-speed (2900 , $1450\text{r}/\text{min}$) types being transformed after cut by the impeller diameter of A and B models, the total specifications can be 112.

型号意义 MODEL MEANING



结构说明 STRUCTURES DESCRIPTION

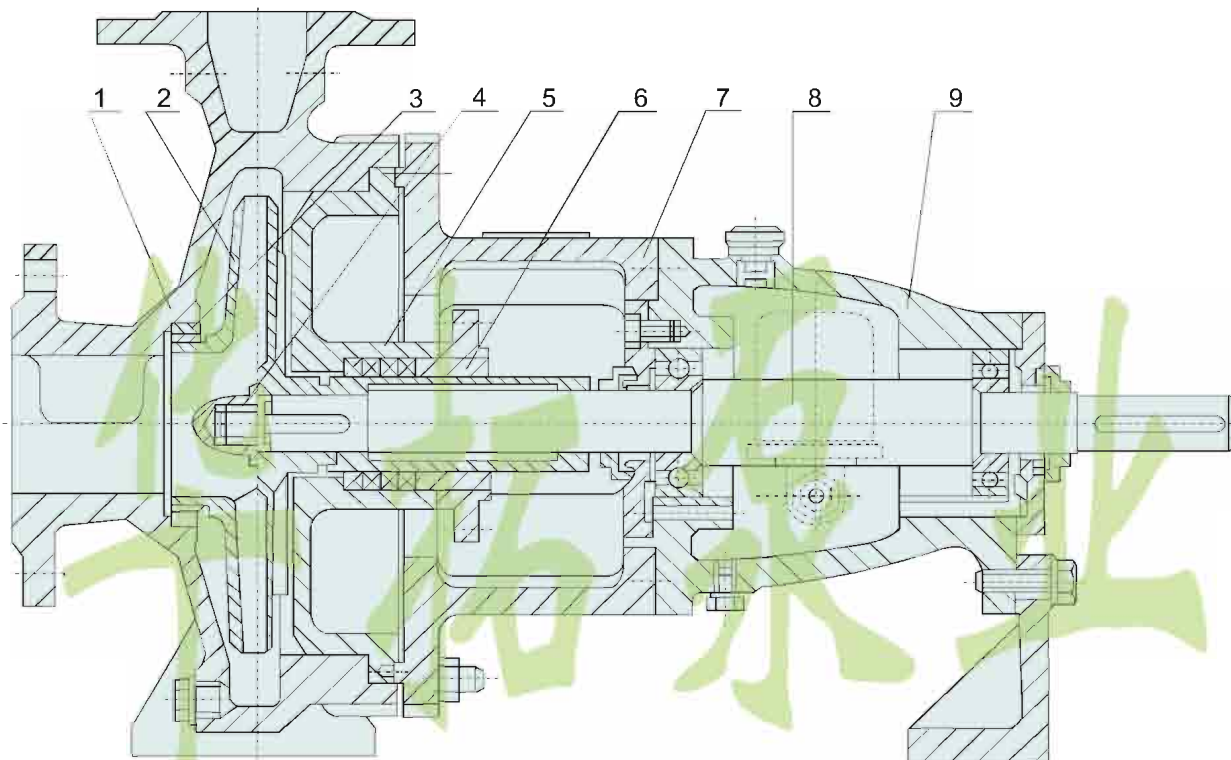
- 1、IH型泵是全国行业采用ISO国际标准联合设计的系列产品，其主要由泵体、叶轮、密封环、叶轮螺母、泵盖、密封部件、中间支架、轴、悬架部件等组成。
- 2、泵的结构特点是：泵盖通过止口固定在中间支架上，然后通过泵体与中间支架止口的联接把泵盖夹紧在中间，泵体是轴向吸入，径向排出，脚支承式，可直接固定在底座上。悬架部件通过止口固定在中间支架上，并用悬架支架支撑在底座上。为拆卸方便，设计了加长联轴器，检修时可以不拆卸进出口联接管路、泵体和电动机，只需拆下加长联轴器的中间联接件，即可退出转子部件进行检修。这是国际上通用的一种结构型式。
- 3、泵的旋转方向：泵通过加长联轴器由电动机直接驱动，从电动机端看，按顺时针方向旋转。
- 4、泵的轴封型式：泵的轴封型式有填料密封和机械密封两种。填料密封是泵盖内设有填料函，采用软填料密封，填料函内可通入有一定压力的水，供密封冷却、润滑、清洗用；机械密封有单端面机械密封和双端面机械密封两种型式，密封腔内通入一定压力的水，冲洗磨擦端面，同时起冷却作用。

泵的密封型式采用填料密封或机械密封，由用户根据需要选用。同时根据需要允许采用适合于ISO3069规定的密封空腔尺寸的其他结构的轴封型式，如带波纹管的机械密封和付叶轮密封等等。

1. IH model pumps are the series of products designed according to ISO international standards in all industries in China. It is mainly composed of pump body, impellers, seal rings, impeller nuts, pump cover, seal parts, intermediate support, spindle, suspended parts and so on.
2. Structural features: the pump cover is fixed on the intermediate support, and the pump cover is clamped in the middle by coupling between pump body and intermediate support. On the pump body, water is input axially and output radially. Support feet can be fixed on the base directly. The suspended parts are fixed onto the intermediate support through the rabbet, and are supported onto the base by suspended frame. To make it convenient to disassemble, the prolonged coupling is designed so that it is unnecessary to disassemble the coupling, input & output pipes during check and maintenance. To pump body and motor, only by disassembling the intermediate coupler of the prolonged coupling, users are able to screw out rotor part for check and maintenance, which is a conventional structural pattern in the world.
3. Rotation direction: the pump is driven by motor directly through the prolonged coupling, seen from the side of the motor, it rotates clockwise.
4. Spindle seal patterns: spindle seal patterns of pump are of two types such as stuffing seal and mechanical seal. The stuffing seal is that on stuffing case in pump cover, with soft stuffing for sealing, input water of a certain pressure into the stuffing case, for cooling, lubrication and cleaning on seal; mechanical seal is of two types such as single-surface mechanical seal and double-surface mechanical seal, input water of a certain pressure into the seal chamber, for washing and cooling on the abraded surfaces.

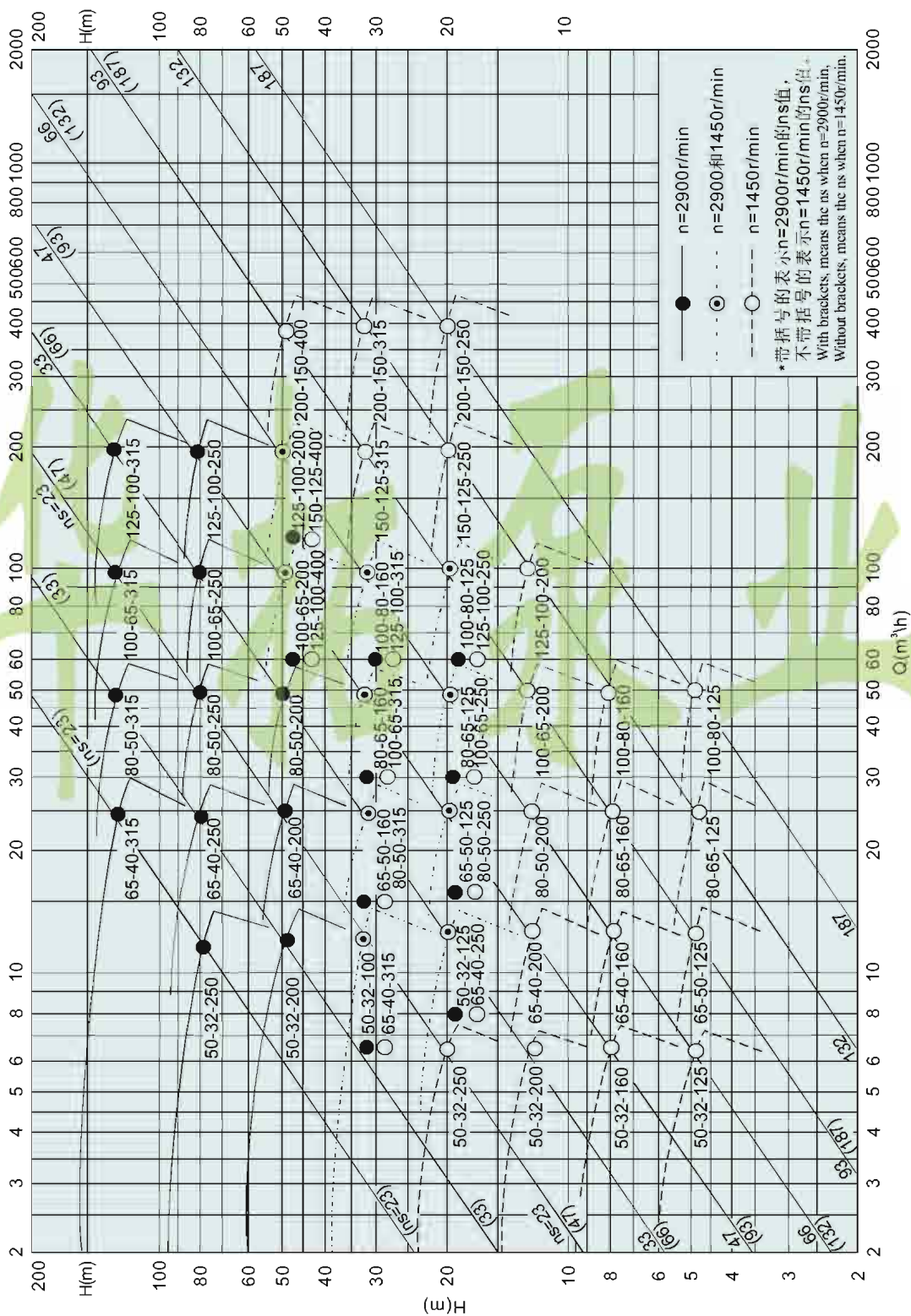
Seal patterns of pump are of stuffing seal or mechanical seal, according to users' requirements, in a same time, seal chamber sizes and shaft gland patterns of other structures according to ISO 3069 as required, are allowed, such as mechanical seals of corrugated pipes, assistant impeller seals and so on.

结构简图 STRUCTURE DRAWING



1	泵 体 Pump casing	4	叶轮螺母 Impeller nut	7	中间支架 Mid.bracket
2	叶 轮 Impeller	5	泵 盖 Pump cover	8	轴 shaft
3	密封环 Seal-ring	6	密封部件 Seal part	9	悬架部件 Hanging stand

型谱图 ATLAS OF STYLE



IH型性能参数 IH TYPE PUMP PERFORMANCE

泵 型 号 pump type	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率Power(kw)		效率 η Eff. (%)	重量 Weight (Kg)	汽蚀余量 (NPSH)r (m)
	(m³/h)	(L/s)			轴功率 Shaft power	电机功率 Motor power			
IH50-32-125	7.5	2.08	23	2900	1.09	2.2	43	45	2
	12.5	3.47	20		1.33		51		2
	15	4.17	18		1.50		49		2.5
	3.75	1.04	5.75	1450	0.16	0.55	36	45	2
	6.3	1.75	5		0.19		45		2
	7.5	2.08	4.5		0.21		44		2.5
IH50-32-125A	6.8	1.89	18.8	2900	0.87	1.5	40	45	2
	11.3	3.14	16.4		1.01		50		2
	13.6	3.78	14.7		1.16		47		2.5
	3.4	0.94	4.7	1450	0.13	0.55	33.3	45	2
	5.7	1.58	4.1		0.15		43		2
	6.8	1.89	3.7		0.16		42		2.5
IH50-32-160	7.5	2.08	34.5	2900	2.13	3	33	48	2
	12.5	3.47	32		2.37		46		2
	15	4.17	30		2.45		50		2.5
	3.75	1.04	8.6	1450	0.3	0.55	29	48	2
	6.3	1.75	8		0.34		40		2
	7.5	2.08	7.5		0.36		43		2.5
IH50-32-160A	6.8	1.89	28.5	2900	1.76	3	30	48	2
	11.3	3.14	26.4		1.85		44		2
	13.6	3.78	24.8		1.91		48		2.5
	3.4	0.94	7.1	1450	0.25	0.55	25.9	48	2
	5.7	1.58	6.6		0.28		37.1		2
	6.8	1.89	6.2		0.28		41		2.5
IH50-32-200	7.5	2.08	51.8	2900	3.78	5.5	28	58	2
	12.5	3.47	50		4.36		39		2
	15	4.17	48		4.56		43		2.5
	3.75	1.04	12.9	1450	0.57	1.1	23	58	2
	6.3	1.75	12.5		0.65		33		2
	7.5	2.08	12		0.68		36		2.5
IH50-32-200A	6.8	1.89	42.7	2900	3.16	4	25	58	2
	11.3	3.14	41		3.24		38		2
	13.6	3.78	39.5		3.57		41		2.5
	3.4	0.94	10.6	1450	0.49	0.75	20	58	2
	5.7	1.58	10.3		0.52		31		2
	6.8	1.89	9.9		0.54		34		2.5
IH50-32-250	7.5	2.08	82	2900	7.28	11	23	92	2
	12.5	3.47	80		8.25		33		2
	15	4.17	78.5		8.79		36.5		2.5
	3.75	1.04	20.5	1450	1.23	2.2	17	92	2
	6.3	1.75	20		1.27		27		2
	7.5	2.08	19.6		1.29		31		2.5
IH50-32-250A	7	1.94	71.9	2900	6.84	11	20	92	2
	11.7	3.25	70		6.97		32		2
	14	3.89	68.8		7.71		34		2.5
	3.51	0.98	18	1450	1.12	1.5	15.4	92	2
	5.9	1.64	17.5		1.25		25		2
	7.02	1.95	17.2		1.18		27.9		2.5
IH50-32-250B	6.6	1.83	63.6	2900	5.71	7.5	20	92	2
	11	3.06	62		6.19		30		2
	13.2	3.67	60.9		6.64		33		2.5
IH65-50-125	15	4.17	21.3	2900	1.85	3	47	46	2
	25	6.94	20		2.2		62		2
	30	8.33	18.6		2.41		63		2.5
	7.5	2.08	5.4	1450	0.25	0.55	44	46	2
	12.5	3.47	5		0.31		55		2
	15	4.17	4.5		0.33		56		2.5

注：上表所列的轴功率是按介质为水配功率，可根据用户输送介质的重度和粘度不同，选用不同功率的电机。

Note: The spindle powers listed above is as the powers calculated with water as its medium, motors of various powers can be used according to gravity and viscosity of users' various media transferred.

IH型性能参数 IH TYPE PUMP PERFORMANCE

泵 型 号 pump type	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率Power(kw)		效率 η Eff. (%)	重量 Weight (Kg)	汽蚀余量 (NPSH)r (m)
	(m³/h)	(L/s)			轴功率 Shaft power	电机功率 Motor power			
IH65-50-125A	13.6	3.78	17.6	2900	1.48	2.2	44	46	2
	22.7	6.31	16.5		1.67		61		2
	27.3	7.58	15.4		1.91		59.9		2.5
	6.8	1.89	4.5	1450	0.20	0.55	41	46	2
	11.3	3.14	4.1		0.23		54		2
	13.6	3.78	3.7		0.26		53		2.5
IH65-50-160	15	4.17	34.2	2900	3.18	5.5	44	52	2
	25	6.94	32		3.82		57		2
	30	8.33	30		4.15		59		2.5
	7.5	2.08	8.55	1450	0.45	0.75	39	52	2
	12.5	3.47	8		0.53		51		2
	15	4.17	7.5		0.58		52.5		2.5
IH65-50-160A	13.6	3.78	28.4	2900	2.56	4	41	52	2
	22.7	6.31	26.5		2.93		56		2
	27.3	7.58	24.8		3.29		56		2.5
	6.8	1.89	7.09	1450	0.37	0.55	35.5	52	2
	11.3	3.14	6.6		0.41		49.6		2
	13.6	3.78	6.2		0.46		49.9		2.5
IH65-40-200	15	4.17	53.2	2900	5.3	11	41	62	2
	25	6.94	50		6.55		52		2
	30	8.33	47.6		7.27		53.5		2.5
	7.5	2.08	13.3	1450	0.78	1.5	35	62	2
	12.5	3.47	12.5		0.93		46		2
	15	4.17	11.9		1.02		47.5		2.5
IH65-40-200A	13.6	3.78	43.9	2900	4.28	7.5	38	62	2
	22.7	6.31	41		5.07		50		2
	27.3	7.58	39.3		5.73		51		2.5
	6.8	1.89	11	1450	0.64	1.1	31.8	62	2
	11.3	3.14	10.3		0.72		44		2
	13.6	3.78	9.8		0.81		44.8		2.5
IH65-40-250	15	4.17	81.2	2900	9.76	15	34	98	2
	25	6.94	80		11.84		46		2
	30	8.33	78.4		12.8		50		2.5
	7.5	2.08	20.3	1450	1.48	3	28	98	2
	12.5	3.47	20		1.75		39		2
	15	4.17	19.6		1.86		43		2.5
IH65-40-250A	14	3.89	71	2900	8.73	15	31	98	2
	23.4	6.5	74.8		10.6		45		2
	28	7.78	68.6		11.13		47		2.5
	7	1.94	17.8	1450	1.35	2.2	25	98	2
	11.7	3.25	17.5		1.47		37.9		2
	14	3.89	17.2		1.64		40		2.5
IH65-40-250B	13.2	3.67	62.8	2900	7.29	11	31	98	2
	22	6.11	61.8		8.42		44		2
	26.4	7.33	53		8.45		45		2.5
IH65-40-315	15	4.17	126.8	2900	18.51	30	28	115	2
	25	6.94	125		21.8		39		2
	30	8.33	124		23.85		42.5		2.5
	7.5	2.08	32.4	1450	3.03	5.5	22	115	2
	12.5	3.47	32		3.3		33		2
	15	4.17	31.7		3.5		37		2.5
IH65-40-315A	14	3.89	111.2	2900	16.97	30	25	115	2
	23.4	6.5	109.5		18.36		38		2
	28	7.78	108.8		20.75		40		2.5

注：上表所列的轴功率是按介质为水计算的功率，可根据用户输送介质的重度和粘度不同，配用不同功率的电机。

Note: The spindle powers listed above is as the powers calculated with water as its medium, motors of various powers can be used according to gravity and viscosity of users' various media transferred.

IH型性能参数 IH TYPE PUMP PERFORMANCE

泵型号 pump type	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率Power(kw)		效率 η Eff. (%)	重量 Weight (Kg)	汽蚀余量 (NPSH)r (m)
	(m³/h)	(L/s)			轴功率 Shaft power	电机功率 Motor power			
IH65-40-315A	7	1.94	28.4	1450	2.46	4	22	115	2
	11.7	3.25	28		2.71		33		2
	14	3.89	27.8		2.87		37		2.5
IH65-40-315B	13.2	3.67	98	2900	14.69	22	24	115	2
	22	6.11	96.5		15.63		37		2
	26.4	7.33	95.9		17.67		39		2.5
IH80-65-125	30	8.33	23.2	2900	3.16	5.5	60	51	3
	50	13.89	20		3.95		69		3
	60	16.67	17.6		4.29		67		4
	15	4.17	5.8	1450	0.44	0.75	54	51	2.5
	25	6.94	5		0.53		64		2.5
	30	8.33	4.4		0.58		62		3
IH80-65-125A	27.2	7.56	19.1	2900	2.48	4	57	51	3
	45.3	12.58	16.5		3.04		67		3
	54.4	15.11	14.5		3.36		64		4
	13.6	3.78	4.8	1450	0.35	0.55	51	51	2.5
	22.6	6.28	4.1		0.41		62		2.5
	27.2	7.56	3.6		0.45		59		3
IH80-65-160	30	8.33	36	2900	5.16	11	57	56	2
	50	13.89	32		6.51		67		2.3
	60	16.67	28.4		7.14		65		3.3
	15	4.17	9	1450	0.74	1.5	50	56	2
	25	6.94	8		0.88		62		2.3
	30	8.33	7.2		0.95		62		3.3
IH80-65-160A	27.2	7.56	29.7	2900	4.68	7.5	54	56	2
	45.4	12.61	26.4		5.02		65		2.3
	54.4	15.11	23.4		5.59		62		3.3
	13.6	3.78	7.4	1450	0.58	1.1	47.3	56	2
	22.7	6.31	6.6		0.68		60		2.3
	27.2	7.56	5.9		0.74		59		3.3
IH80-50-200	30	8.33	55.2	2900	8.51	15	53	64	2
	50	13.89	50		10.81		63		2.5
	60	16.67	45.2		11.92		62		3.2
	15	4.17	13.5	1450	1.25	2.2	44	64	2
	25	6.94	12.5		1.49		57		2
	30	8.33	11.5		1.62		58		2.5
IH80-50-200A	27.2	7.56	45.4	2900	6.73	11	50	64	2
	45.3	12.58	41		8.29		61		2.5
	54.4	15.11	37.2		9.35		59		3.2
	13.6	3.78	11.1	1450	1	2.2	41	64	2
	22.7	6.31	10.3		1.14		56.1		2
	27.2	7.56	9.5		1.28		55		2.5
IH80-50-250	30	8.33	84	2900	16	30	43	102	2
	50	13.89	80		20.57		53		2.5
	60	16.67	75		22.71		54		3.2
	15	4.17	21	1450	2.15	5.5	40	102	2
	25	6.94	20		2.72		50		2
	30	8.33	18.8		3.01		51		2.5
IH80-50-250A	27.2	7.56	69	2900	12.18	22	42	102	2
	45.3	12.58	65.7		15.61		52		2.5
	54.4	15.11	61.6		17.57		52		3.2
	13.6	3.78	17.3	1450	1.6	3	40	102	2
	22.7	6.31	16.4		2.07		49		2
	27.2	7.56	15.4		2.28		50		2.5

注：上表所列的轴功率是按介质为水配功率，可根据用户输送介质的重度和粘度不同，配用不同功率的电机。

Note: The spindle powers listed above is as the powers calculated with water as its medium, motors of various powers can be used according to gravity and viscosity of users' various media transferred.

IH型性能参数 IH TYPE PUMP PERFORMANCE

泵 型 号 pump type	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率Power(kw)		效率 η Eff. (%)	重量 Weight (Kg)	汽蚀余量 (NPSH)r (m)
	(m³/h)	(L/s)			轴功率 Shaft power	电机功率 Motor power			
IH80-50-315	30	8.33	128	2900	27.54	45	38	110	2.5
	50	13.89	125		34.1		50		2.5
	60	16.67	123		37.94		53		3
	15	4.17	32.5	1450	3.59	7.5	37	110	2.5
	25	6.94	32		4.54		48		2.5
	30	8.33	31.5		4.94		52		3
IH80-50-315A	27.2	7.56	105	2900	21	37	37	110	2.5
	45.3	12.58	102.6		26.4		48		2.5
	54.4	15.11	101		29.94		50		3
	13.6	3.78	26.3	1450	2.71	5.5	36	110	2.5
	22.7	6.31	25.7		3.46		46		2.5
	27.2	7.56	25.2		3.74		50		3
IH100-80-125	60	16.67	23.7	2900	5.96	11	65	56	3
	100	27.78	20		7.47		73		4.2
	120	33.33	16.3		7.72		69		4.8
	30	8.33	5.7	1450	0.8	1.5	58	56	3
	50	13.89	5		0.99		69		3.4
	60	16.67	4.1		0.99		68		3.7
IH100-80-125A	55	15.28	19.4	2900	4.68	7.5	62	56	3
	91.8	25.5	16.8		5.92		71		4.2
	109	30.28	13.7		6.07		67		4.8
	27.5	7.64	5	1450	0.67	1.1	56	56	3
	45.9	12.75	4.2		0.78		67		3.4
	54.5	15.13	3.4		0.78		65		3.7
IH100-80-160	60	16.67	37	2900	10.1	15	60	86	3.8
	100	27.78	32		11.9		73		4.3
	120	33.33	28		12.54		73		5
	30	8.33	9.25	1450	1.3	2.2	58	86	3
	50	13.89	8		1.58		69		3.4
	60	16.67	7		1.68		68		3.7
IH100-80-160A	54.6	15.17	30.6	2900	7.98	15	57	86	3.8
	91	25.28	26.5		9.25		71		4.3
	109.2	30.33	23.2		9.85		70.4		5
	27.3	7.58	7.66	1450	1.03	1.5	55.3	86	3
	45.5	12.64	6.6		1.22		67		3.4
	54.6	15.17	5.8		1.32		65.3		3.7
IH100-65-200	60	16.67	56	2900	14.53	22	63	95	3.4
	100	27.78	50		18.92		72		3.9
	120	33.33	44		20.26		71		5.2
	30	8.33	14	1450	1.91	3	60	95	2.5
	50	13.89	12.5		2.5		68		2.5
	60	16.67	11		2.85		63		3
IH100-65-200A	54.6	15.17	46.5	2900	11.51	18.5	60.1	95	3.4
	91	25.28	41.5		14.7		70		3.9
	109.2	30.33	36.6		16		68		5.2
	27.3	7.58	11.6	1450	1.51	3	57	95	2.5
	45.5	12.64	10.3		1.93		66		2.5
	54.6	15.17	9.1		2.25		60.1		3
IH100-65-250	60	16.67	88	2900	25.24	37	57	114	3
	100	27.78	80		32.06		68		3.6
	120	33.33	74		36.12		67		4.5
	30	8.33	22	1450	3.63	5.5	50	114	2.5
	50	13.89	20		4.33		63		2.5
	60	16.67	18.5		4.73		64		3
IH100-65-250A	56.1	15.58	77	2900	21.8	37	54	114	3
	93.5	25.97	70		27.44		65		3.6
	112.2	31.17	64.7		30.91		64		4.5

注：上表所列的轴功率是按介质为水配的功率，可根据用户输送介质的重度和粘度不同，配用不同功率的电机。

Note: The spindle powers listed above is as the powers calculated with water as its medium, motors of various powers can be used according to gravity and viscosity of users' various media transferred.

IH型性能参数 IH TYPE PUMP PERFORMANCE

泵型号 pump type	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率Power(kw)		效率 η Eff. (%)	重量 Weight (Kg)	汽蚀余量 (NPSH)r (m)
	(m³/h)	(L/s)			轴功率 Shaft power	电机功率 Motor power			
IH100-65-250A	28	7.79	19.2	1450	3.12	5.5	47	114	2.5
	45.5	12.64	17.4		3.53		61		2.5
	56	15.56	16.2		4.06		60.9		3
IH100-65-250B	52.7	14.64	67.9	2900	18.29	30	53.3	114	3
	87.8	24.39	61.7		23.1		64		3.6
	105.4	29.28	57		26.03		62.9		4.5
IH100-65-315	60	16.67	132	2900	44.96	75	48	165	2.8
	100	27.78	125		54.94		62		3.2
	120	33.33	119		60.8		64		4.2
	30	8.33	33.5	1450	6.22	11	44	165	2
	50	13.89	32		7.52		58		2
	60	16.67	30.5		8.31		60		2.5
IH100-65-315A	56.1	15.58	115.5	2900	39.2	75	45	165	2.8
	93.5	25.97	109		45.53		61		3.2
	112.2	31.17	104		52.13		61		4.2
	28	7.79	29.3	1450	5.46	11	41	165	2
	46.5	12.92	28		6.33		56		2
	56	15.56	26.7		7.15		57		2.5
IH100-65-315B	52.7	14.64	102	2900	33.29	55	44	165	2.8
	88	24.44	97		38.77		60		3.2
	105.4	29.28	92		44.04		60		4.2
IH125-100-200	120	33.33	61	2900	29.33	45	68	98	4.5
	200	55.56	50		35.39		77		5
	240	66.67	41		38.3		70		5.8
	60	16.67	15.25	1450	3.89	7.5	64	98	2.5
	100	27.78	12.5		4.66		73		2.9
	120	33.33	10.25		5.08		66		3.6
IH125-100-200A	109.1	30.31	50.5	2900	23.13	37	64.9	98	4.5
	182	50.56	41.4		27.38		75		5
	218.2	60.61	34		30.13		67.1		5.8
	54.7	15.19	12.6	1450	3.08	5.5	61	98	2.5
	91	25.28	10.3		3.6		71		2.9
	109.4	30.39	8.5		4.02		63		3.6
IH125-100-250	120	33.33	90	2900	47.48	75	62	150	3.7
	200	55.56	80		58.13		75		4.5
	240	66.67	73		64.52		74		5.5
	60	16.67	22.5	1450	6.23	11	59	150	2
	100	27.78	20		7.56		72		2.3
	120	33.33	18.25		8.4		71		3
IH125-100-250A	112	31.11	78	2900	40.35	75	59	150	3.7
	186.5	51.81	69.5		48.35		73		4.5
	224	62.22	63.5		54.59		71		5.5
	56	15.56	19.5	1450	5.31	11	56	150	2
	93	25.83	17.4		6.29		70		2.3
	112	31.11	15.9		7.13		68		3
IH125-100-250B	105.5	29.31	69	2900	34.2	55	58	150	3.7
	175.5	48.75	61.5		41.42		71		4.5
	211	58.61	56		46.06		69.9		5.5
IH125-100-315	120	33.3	132.5	2900	82.37	110	52.6	165	4
	200	55.6	125		94.62		72		4.5
	240	66.7	120		104.64		75		5
	60	16.7	33.5	1450	10.33	22	53	165	2.5
	100	27.8	32		13.42		65		2.5
	120	33.3	30.5		15.11		66		3
IH125-100-315A	112	31.1	115.2	2900	67.63	90	52	165	4
	186.5	51.81	108.7		77.81		71		4.5
	224	62.22	104.3		88.42		72		5

注：上表所列的轴功率是按介质为水配功率，可根据用户输送介质的重度和粘度不同，配用不同功率的电机。

Note: The spindle powers listed above is as the powers calculated with water as its medium, motors of various powers can be used according to gravity and viscosity of users' various media transferred.

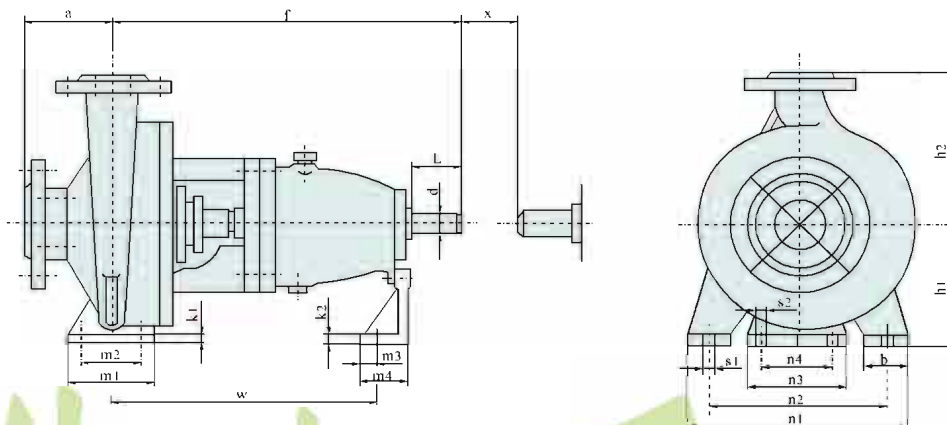
IH型性能参数 IH TYPE PUMP PERFORMANCE

泵 型 号 pump type	流量Q Capacity		扬程H Head (m)	转速n Speed (r/min)	功率Power(kw)		效率 η Eff. (%)	重量 Weight (Kg)	汽蚀余量 (NPSH)r (m)
	(m³/h)	(L/s)			轴功率 Shaft power	电机功率 Motor power			
IH125-100-315A	56	15.56	28.8	1450	8.45	15	52	165	2.5
	93	25.83	27.2		10.77		64		2.5
	112	31.11	26.1		12.25		65		3
IH125-100-400	60	16.67	52	1450	17.71	30	48	210	2.5
	100	27.78	50		24.77		55		2.5
	120	33.33	48.5		25.58		62		3
IH125-100-400A	56	15.56	45	1450	15.97	30	43	210	2.5
	93	25.83	43.2		20.27		54		2.5
	112	31.11	41.9		21.31		60		3
IH150-125-250	120	33.33	24.8	1450	12.29	18.5	66	164	2.5
	200	55.56	20		14.16		77		2.8
	240	66.67	15		14.43		68		3.5
IH150-125-250A	109.1	30.28	20.5	1450	9.75	15	62.5	164	2.5
	182	50.56	16.5		10.91		75		2.8
	218.2	60.61	12.4		11.31		65.2		3.5
IH150-125-315	120	33.33	36.3	1450	18.84	30	63	195	2.5
	200	55.56	32		23.25		75		2.8
	240	66.67	28.5		25.89		72		3.8
IH150-125-315A	109.1	30.28	30	1450	14.85	22	60	195	2.5
	182	50.56	25.5		17.32		73		2.8
	218.2	60.61	23.5		20.23		69		3.8
IH150-125-315B	99	27.5	24.7	1450	11.29	18.5	59	195	2.5
	165	45.83	22		13.74		72		2.8
	198	55	19.4		15.17		69		3.8
IH150-125-400	120	33.33	57.5	1450	30.82	55	61	237	2
	200	55.56	50		38.93		70		2.5
	240	66.67	44		45.68		63		3
IH150-125-400A	109.1	30.28	47.5	1450	24.35	37	58	237	2
	182	50.56	41		29.94		68		2.5
	218.2	60.61	36.5		36.17		60		3
IH150-125-400B	99	27.5	39.1	1450	18.51	30	57	237	2
	165	45.83	34		22.82		67		2.5
	198	55	29.9		27.81		58		3
IH200-150-250	240	66.67	23	1450	21.49	37	70	194	2.5
	400	111.11	20		27.59		79		2.8
	460	127.78	18		28.2		80		3
IH200-150-250A	218.2	60.61	18.9	1450	16.77	30	67	194	2.5
	363	100.83	16.5		20.66		79		2.8
	418	116.1	14.8		21.61		78		3
IH200-150-315	240	66.67	35.6	1450	34.75	55	67	268	3
	400	111.11	32		44.15		79		3.5
	460	127.78	29.4		47.86		77		4
IH200-150-315A	218.2	60.61	29.4	1450	27.31	45	64	268	3
	363	100.84	25.5		32.76		77		3.5
	418	116.11	24.3		37.4		74		4
IH200-150-315B	197.7	54.92	24.1	1450	20.61	37	63	268	3
	329	91.39	21.6		25.48		76		3.5
	378.8	105.22	19.7		27.86		73		4
IH200-150-400	240	66.67	55.8	1450	54.47	90	67	289	3
	400	111.11	50		69.87		78		3.5
	460	127.78	47		78.55		75		4
IH200-150-400A	218.2	60.61	46	1450	42.74	75	64	289	3
	363	100.83	41		53.36		76		3.5
	418	116.11	38.8		61.38		72		4
IH200-150-400B	197.7	54.92	37.7	1450	32.24	55	63	289	3
	329	91.39	33.8		40.4		75		3.5
	378.8	105.22	31.8		46.23		71		4

注：上表所列的轴功率是按介质为水配的功率，可根据用户输送介质的重度和粘度不同，配用不同功率的电机。

Note: The spindle powers listed above is as the powers calculated with water as its medium, motors of various powers can be used according to gravity and viscosity of users' various media transferred.

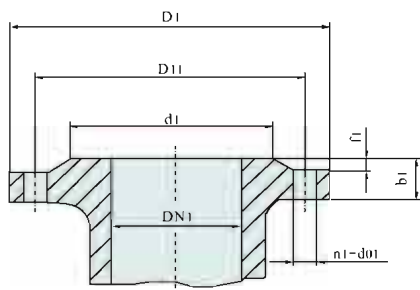
外形尺寸图 DIMENSION DIAGRAM



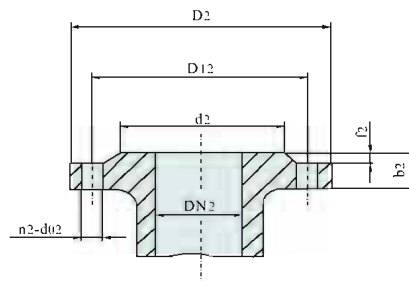
外形尺寸表 DIMENSION TABLE

产品型号 Type	泵 Pump				泵座 Pump seat												W	螺栓孔 Bolt hole		轴端 Shaft end		间隔 Interval
	a	f	h ₁	h ₂	b	m ₁	m ₂	m ₃	m ₄	n ₁	n ₂	n ₃	n ₄	k ₁	k ₂	s ₁		s ₂	d	L	x	
IH50-32-125	80	385	112	140	50	100	70	19	60	190	140	145	110	12	10	285	Φ14	Φ14	24	50	100	
IH50-32-160	80	385	132	160	50	100	70	19	60	240	190	145	110	12	10	285	Φ14	Φ14	24	50	100	
IH50-32-200	80	385	160	180	50	100	70	19	60	240	190	145	110	12	10	285	Φ14	Φ14	24	50	100	
IH50-32-250	100	500	180	225	65	129	95	25	65	320	250	145	110	16	14	370	Φ14	Φ14	32	80	100	
IH65-50-125	80	385	112	140	50	100	70	19	60	210	160	145	110	12	10	285	Φ14	Φ14	24	50	100	
IH65-50-160	80	385	132	160	50	100	70	19	60	240	190	145	110	12	10	285	Φ14	Φ14	24	50	100	
IH65-40-200	100	385	160	180	50	100	70	19	60	265	212	145	110	12	10	285	Φ14	Φ14	24	50	100	
IH65-40-250	100	500	180	225	65	125	95	25	65	320	250	145	110	16	14	370	Φ14	Φ14	32	80	100	
IH65-40-315	125	500	200	250	65	125	95	25	65	345	280	145	110	16	14	370	Φ14	Φ14	32	80	100	
IH80-65-125	100	385	132	160	50	100	70	19	60	240	190	145	110	12	10	285	Φ14	Φ14	24	50	100	
IH80-65-160	100	385	160	180	50	100	70	19	60	265	212	145	110	12	10	285	Φ14	Φ14	24	50	100	
IH80-50-200	100	385	160	200	50	100	70	19	60	265	212	145	110	12	10	285	Φ14	Φ14	24	50	100	
IH80-50-250	125	500	180	225	65	125	95	25	65	320	250	145	110	16	14	370	Φ14	Φ14	32	80	100	
IH80-50-315	125	500	225	280	65	125	95	25	65	345	280	145	110	16	14	370	Φ14	Φ14	32	80	100	
IH100-80-125	100	385	160	180	65	125	95	19	60	280	212	145	110	12	10	285	Φ14	Φ14	24	50	100	
IH100-80-160	100	500	160	200	65	125	95	24	60	280	212	145	110	16	10	370	Φ14	Φ14	32	80	100	
IH100-65-200	100	500	180	225	65	125	95	25	65	320	250	145	110	16	14	370	Φ14	Φ14	32	80	140	
IH100-65-250	125	500	200	250	80	160	120	25	65	360	280	145	110	16	14	370	Φ18	Φ14	32	80	140	
IH100-65-315	125	530	225	280	80	160	120	28	65	400	315	145	110	16	14	370	Φ18	Φ14	42	110	140	
IH125-100-200	125	500	200	280	80	160	120	25	65	360	280	145	110	16	14	370	Φ18	Φ14	32	80	140	
IH125-100-250	140	530	225	280	80	160	120	28	65	400	315	145	110	20	14	370	Φ18	Φ14	42	110	140	
IH125-100-315	140	530	250	315	80	160	120	28	65	400	315	145	110	20	14	370	Φ18	Φ14	42	110	140	
IH125-100-400	140	530	280	355	100	200	150	28	65	500	400	145	110	20	14	370	Φ22	Φ14	42	110	140	
IH150-125-250	140	530	250	355	80	160	120	28	65	400	315	145	110	20	14	370	Φ18	Φ14	42	110	140	
IH150-125-315	140	530	280	355	100	200	150	28	65	500	400	145	110	20	14	370	Φ22	Φ14	42	110	140	
IH150-125-400	140	530	315	400	100	200	150	28	65	500	400	145	110	20	14	370	Φ22	Φ14	42	110	140	
IH200-150-250	160	530	280	375	100	200	150	28	65	500	400	145	110	20	14	370	Φ22	Φ14	42	110	180	
IH200-150-315	160	670	315	400	100	200	150	38	80	550	450	200	140	20	30	500	Φ22	Φ18	48	110	180	
IH200-150-400	160	670	315	450	100	200	150	38	80	550	450	200	140	20	30	500	Φ22	Φ18	48	110	180	

进出口法兰示意图 INPUT & OUTPUT FLANGE DIAGRAM



吸入口法兰
Input flange



吐出口法兰
Output flange

进出口法兰尺寸表 INPUT & OUTPUT FLANGE SIZE TABLE

产品型号 Type	吸入口法兰尺寸 Input flange size							吐出口法兰尺寸 Output flange size						
	DN1	D1	D11	d1	b1	f1	n1-d01	DN2	D2	D12	d2	b2	f2	n2-d02
IH50-32-125	50	165	125	99	20	3	4-17.5	32	140	100	76	18	2	4-17.5
IH50-32-160	50	165	125	99	20	3	4-17.5	32	140	100	76	18	2	4-17.5
IH50-32-200	50	165	125	99	20	3	4-17.5	32	140	100	76	18	2	4-17.5
IH50-32-250	50	165	125	99	20	3	4-17.5	32	140	100	76	18	2	4-17.5
IH65-50-125	65	185	145	118	20	3	4-17.5	50	165	125	99	20	3	4-17.5
IH65-50-160	65	185	145	118	20	3	4-17.5	50	165	125	99	20	3	4-17.5
IH65-40-200	65	185	145	118	20	3	4-17.5	40	150	110	84	18	3	4-17.5
IH65-40-250	65	185	145	118	20	3	4-17.5	40	150	110	84	18	3	4-17.5
IH65-40-315	65	185	145	118	20	3	4-17.5	40	150	110	84	18	3	4-17.5
IH80-65-125	80	200	160	132	20	3	8-17.5	65	185	145	118	20	3	4-17.5
IH80-65-160	80	200	160	132	20	3	8-17.5	65	185	145	118	20	3	4-17.5
IH80-50-200	80	200	160	132	20	3	8-17.5	50	165	125	99	20	3	4-17.5
IH80-50-250	80	200	160	132	20	3	8-17.5	50	165	125	99	20	3	4-17.5
IH80-50-315	80	200	160	132	20	3	8-17.5	50	165	125	99	20	3	4-17.5
IH100-80-125	100	220	180	156	22	3	8-17.5	80	200	160	132	20	3	8-17.5
IH100-80-160	100	220	180	156	22	3	8-17.5	80	200	160	132	20	3	8-17.5
IH100-65-200	100	220	180	156	22	3	8-17.5	65	185	145	118	20	3	4-17.5
IH100-65-250	100	220	180	156	22	3	8-17.5	65	185	145	118	20	3	4-17.5
IH100-65-315	100	220	180	156	22	3	8-17.5	65	185	145	118	20	3	4-17.5
IH125-100-200	125	250	210	184	22	3	8-17.5	100	220	180	156	22	3	8-17.5
IH125-100-250	125	250	210	184	22	3	8-17.5	100	220	180	156	22	3	8-17.5
IH125-100-315	125	250	210	184	22	3	8-17.5	100	220	180	156	22	3	8-17.5
IH125-100-400	125	250	210	184	22	3	8-17.5	100	220	180	156	22	3	8-17.5
IH150-125-250	150	285	240	211	24	3	8-22	125	250	210	184	22	3	8-17.5
IH150-125-315	150	285	240	211	24	3	8-22	125	250	210	184	22	3	8-17.5
IH150-125-400	150	285	240	211	24	3	8-22	125	250	210	184	22	3	8-17.5
IH200-150-250	200	340	295	266	24	3	12-22	150	285	240	211	24	3	8-22
IH200-150-315	200	340	295	266	24	3	12-22	150	285	240	211	24	3	8-22
IH200-150-400	200	340	295	266	24	3	12-22	150	285	240	211	24	3	8-22

产品型号 Type	电机型号/功率 Motor type/power (kW)	外形及安装尺寸 Outline and installation dimension																						
		A	L ₁	L ₂	L ₃	L ₄	L ₅	a	f	x	L ₆	L ₇	B ₂	B ₃	B ₄	B ₅	h ₁	h ₂	h ₃	h ₄	H	H ₁	H ₂	n-d
IH50-32-125	YB801-4/0.55	80	820	150	540	330	290	80	385	100	895	855	360	320	150	225	112	175	340	25	197	337	117	4-φ 19
	YB802-2/1.1	80	820	150	540	330	290	80	385	100	895	855	360	320	150	225	112	175	340	25	197	337	117	4-φ 19
	YB90S-2/1.5	80	820	150	540	360	315	80	385	100	925	880	360	320	160	225	112	195	355	25	197	337	107	4-φ 19
	YB90L-2/2.2	80	920	170	600	385	340	80	385	100	950	925	390	350	160	225	112	195	355	30	197	337	107	4-φ 19
	YB100L-2/3.0	80	920	170	600	430	380	80	385	100	995	945	390	350	180	225	112	245	380	30	197	337	97	4-φ 19
IH50-32-160	YB801-4/0.55	80	820	150	540	330	290	80	385	100	895	855	360	320	150	225	132	175	340	25	217	377	137	4-φ 19
	YB802-4/0.75	80	820	150	540	330	290	80	385	100	895	855	360	320	150	225	132	175	340	25	217	377	137	4-φ 19
	YB90S-4/1.1	80	820	150	540	360	315	80	385	100	925	880	360	320	160	225	132	195	355	25	217	377	127	4-φ 19
	YB90L-2/2.2	80	920	170	600	385	340	80	385	100	950	925	390	350	160	225	132	195	355	30	217	377	127	4-φ 19
	YB100L-2/3	80	920	170	600	430	380	80	385	100	995	945	390	350	180	225	132	245	380	30	217	377	117	4-φ 19
IH50-32-200	YB112M-2/4	80	920	170	600	460	400	80	385	100	1025	965	390	350	190	225	132	245	380	30	217	377	105	4-φ 19
	YB132S1-2/5.5	80	1020	190	660	510	475	80	385	100	1075	1040	450	400	210	240	132	315	470	30	217	377	85	4-φ 24
	YB801-4/0.55	80	820	150	540	330	290	80	385	100	895	855	360	320	150	225	160	175	340	25	245	425	165	4-φ 19
	YB802-4/0.75	80	820	150	540	330	290	80	385	100	895	855	360	320	150	225	160	175	340	25	245	425	165	4-φ 19
	YB90S-4/1.1	80	820	150	540	360	315	80	385	100	925	880	360	320	160	225	160	195	355	25	245	425	155	4-φ 19
IH50-32-250	YB90L-4/1.5	80	920	170	600	385	340	80	385	100	950	925	390	350	160	225	160	195	355	30	245	425	155	4-φ 19
	YB112M-2/4	80	920	170	600	460	400	80	385	100	1025	965	390	350	190	225	160	265	400	30	245	425	133	4-φ 19
	YB132S1-2/5.5	80	1020	190	660	510	475	80	385	100	1075	1040	450	400	210	240	160	315	470	30	245	440	113	4-φ 24
	YB132S2-2/7.5	80	1020	190	660																			

安装尺寸表 INSTALLATION DIMENSION

泵 型 号 pump type	电机型号/功率 Motor type/power (kw)	外 形 及 安 装 尺 寸 Outline and installation dimension																							
		A	L ₁	L ₂	L ₃	L ₄	L ₅	a	f	x	L ₆	L ₇	B ₂	B ₃	B ₄	B ₅	h ₁	h ₂	h ₃	h ₄	H	H ₁	H ₂	n-d	
IH65-50-125	YB100L-2/3	80	920	170	600	430	380	80	385	100	995	945	390	350	180	225	112	245	380	30	197	337	97	4-φ19	
	YB112M-2/4	80	920	170	600	460	400	80	385	100	1025	965	390	350	190	225	112	265	400	30	197	337	85	4-φ19	
	YB132S1-2/5.5	80	1020	190	660	570	475	80	385	100	1075	1040	450	400	210	240	112	315	470	30	197	337	65	4-φ24	
IH65-50-160	YB801-4/0.55	80	920	170	600	330	290	80	385	100	895	855	360	320	150	225	132	175	340	25	217	377	137	4-φ19	
	YB802-4/0.75	80	920	170	600	330	290	80	385	100	895	855	360	320	150	225	132	175	340	25	217	377	137	4-φ19	
	YB90S-4/1.1	80	920	170	600	360	315	80	385	100	925	880	360	320	160	225	132	195	355	25	217	377	127	4-φ19	
	YB90L-4/1.5	80	920	170	600	385	340	80	385	100	950	925	390	350	160	225	132	195	355	25	217	377	127	4-φ19	
	YB100L-2/3	80	920	170	600	430	380	80	385	100	995	945	390	350	180	225	132	245	380	30	217	377	117	4-φ19	
	YB112M-2/4	80	920	170	600	460	400	80	385	100	1025	965	390	350	190	225	132	265	400	30	217	377	105	4-φ19	
	YB132S1-2/5.5	80	920	170	600	510	475	80	385	100	1075	1040	450	400	210	240	132	315	470	30	217	377	85	4-φ24	
	YB132S2-2/7.5	80	920	170	600	510	475	80	385	100	1075	1040	450	400	210	240	132	315	470	30	217	377	85	4-φ24	
IH65-40-200	YB160M1-2/11	80	920	170	600	655	605	80	385	100	1220	1170	490	440	265	240	132	385	530	30	232	392	57	4-φ24	
	YB802-4/0.75	80	920	170	600	330	290	100	385	100	915	875	390	350	150	225	160	175	340	30	245	425	165	4-φ19	
	YB90S-4/1.1	80	920	170	600	360	315	100	385	100	945	905	390	350	160	225	160	195	355	30	245	425	155	4-φ19	
	YB90L-4/1.5	80	920	170	600	385	340	100	385	100	975	935	390	350	160	225	160	195	355	30	245	425	155	4-φ19	
	YB100L1-4/2.2	80	920	170	600	430	380	100	385	100	1015	975	390	350	180	225	160	245	380	30	245	425	145	4-φ19	
	YB132S1-2/5.5	80	1020	190	660	510	475	100	385	100	1095	1055	450	400	210	240	160	315	470	30	245	425	113	4-φ24	
	YB132S2-2/7.5	80	1020	190	660	510	475	100	385	100	1095	1055	450	400	210	240	160	315	470	30	245	425	113	4-φ24	
	YB160M1-2/11	80	1140	210	740	655	605	100	385	100	1270	1220	490	440	265	240	160	385	530	30	260	440	100	4-φ24	
IH65-40-250	YB160M2-2/15	80	1140	210	740	655	605	100	385	100	1270	1220	490	440	265	240	160	385	530	30	260	440	100	4-φ24	
	YB90S-4/1.1	95	1020	190	660	360	315	100	500	100	1060	1020	450	400	160	225	180	195	355	30	260	490	175	4-φ24	
	YB90L-4/1.5	95	1020	190	660	385	340	100	500	100	1085	1040	450	400	160	225	180	195	355	30	260	490	175	4-φ24	
	YB100L1-4/2.2	95	1020	190	660	430	380	100	500	100	1115	1075	450	400	180	225	180	245	380	30	260	490	165	4-φ24	
	YB100L2-4/3	95	1020	190	660	430	380	100	500	100	1115	1075	450	400	180	225	180	245	380	30	260	490	165	4-φ24	
	YB112M-4/4	95	1020	190	660	460	400	100	500	100	1160	1120	450	400	190	240	180	265	400	30	260	490	153	4-φ24	
	YB160M1-2/11	95	1270	225	840	655	605	100	500	100	1355	1305	540	490	265	240	180	385	530	30	300	525	140	4-φ24	
	YB160M2-2/15	95	1270	225	840	655	605	100	500	100	1355	1305	540	490	265	240	180	385	530	30	300	525	140	4-φ24	
IH65-40-315	YB160L-2/18.5	95	1270	225	840	695	650	100	500	100	1395	1345	540	490	265	240	180	385	530	30	300	525	140	4-φ24	
	YB180M-2/22	95	1270	225	840	730	670	100	500	100	1430	1375	540	490	285	240	180	430	565	30	300	525	120	4-φ24	
	YB200L1-2/30	95	1420	250	940	805	775	100	500	100	1505	1475	610	550	315	290	180	475	625	40	320	545	120	4-φ28	
	YB100L2-4/3	95	1140	210	740	430	380	125	500	100	1155	1105	490	440	180	255	200	245	380	30	300	550	200	4-φ24	
	YB112M-4/4	95	1140	210	740	460	400	125	500	100	1185	1125	490	440	190	255	200	265	400	30	300	550	188	4-φ24	
	YB132S-4/5.5	95	1140	210	740	510	475	125	500	100	1235	1200	490	440	210	240	200	315	470	30	300	550	168	4-φ24	
	YB132M-4/7.5	95	1140	210	740	550	515	125	500	100	1275	1240	490	440	210	240	200	315	470	30	300	550	168	4-φ24	
	YB160M-4/11	95	1270	225	840	655	605	125	500	100	1380	1330	540	490	265	240	200	385	530	30	320	570	160	4-φ24	
IH80-65-125	YB160M2-2/15	95	1270	225	840	655	605	125	500	100	1380	1330	540	490	265	240	200	385	530	30	320	570	160	4-φ24	
	YB160L-2/18.5	95	1270	225	840	695	650	125	500	100	1420	1375	540	490	265	240	200	430	565	30	320	570	160	4-φ24	
	YB180M-2/22	95	1270	225	840	730	670	125	500	100	1455	1395	540	490	285	240	200	430	565	30	320	570	140	4-φ24	
	YB200L1-2/30	95	1420	250	940	805	775	125	500	100	1530	1500	610	550	315	290	200	475	625	40	340	590	140	4-φ28	
	YB200L2-2/37	95	1420	250	940	805	775	125	500	100	1530	1500	610	550	315	290	200	475	625	40	340	590	140	4-φ28	
	YB225M-2/45	95	1420	250	940	840	815	125	500	100	1565	1540	610	550	345	290	200	530	670	40	340	590	115	4-φ28	
	YB801-4/0.55	80	820	150	540	330	290	100	385	100	915	875	360	320	150	225	132	175	340	25	217	377	137	4-φ19	
	YB802-4/0.75	80	820	150	540	330	290	100	385	100	915	875	360	320	150	225	132	175	340	25	217	377	137	4-φ19	
IH80-65-160	YB90S-4/1.1	80	820	150	540	360	315	100	385	100	945	900	360	320	160	225	132	195	355	25	217	377	127	4-φ19	
	YB90L-4/1.5	80	920	170	600	385	340	100	385	100	970	925	390	350	160	225	132	195	355	25	217	377	127	4-φ19	
	YB100L-2/3	80	920	170	600	430	380	100	385	100	1015	965	390	350	180	225	132	245	380	30	217	377	117	4-φ19	
	YB112M-2/4	80	920	170	600	460	400	100	385	100	1045	985	390	350	190	225	132	265	400	30	217	377	105	4-φ19	
	YB132S1-2/5.5	80	1020	190	660	510	475	100	385	100	1095	1060	450	400	210	240	132	315	470	30	217	377	85	4-φ24	
	YB132S2-2/7.5	80	1020	190	660	510	475	100	385	100	1095	1060	450	400	210	240	132	315	470	30	217	377	85	4-φ24	
	YB160M1-2/11	80	1140	210	740	655	605	100	385	100	1240	1190	490	440	265	240	132	385	530	30	232	392	72	4-φ24	
	YB802-4/0.75	80	920	170	600	330	290	100	385	100	915	875	390	350	150	225	160	175	340	25	245	425	165	4-φ19	

安装尺寸表 INSTALLATION DIMENSION

泵 型 号 pump type	电机型号/功率 Motor type/power (kW)	外 形 及 安 装 尺 寸 Outline and installation dimension																							
		A	L ₁	L ₂	L ₃	L ₄	L ₅	a	f	x	L ₆	L ₇	B ₂	B ₃	B ₄	B ₅	h ₁	h ₂	h ₃	h ₄	H	H ₁	H ₂	n-d	
IH80-65-160	YB90L-4/1.5	80	920	170	600	385	340	100	385	100	970	925	390	350	160	225	160	195	355	30	245	425	155	4-φ19	
	YB100L1-4/2.2	80	920	170	600	430	380	100	385	100	1015	965	390	350	180	225	160	245	380	30	245	425	145	4-φ19	
	YB132S1-2/5.5	80	1020	190	660	510	475	100	385	100	1095	1060	450	400	210	240	160	315	470	30	245	425	113	4-φ24	
	YB132S2-2/7.5	80	1020	190	660	510	475	100	385	100	1095	1060	450	400	210	240	160	315	470	30	245	425	113	4-φ24	
	YB160M1-2/11	80	1140	210	740	655	605	100	385	100	1240	1190	490	440	265	240	160	385	530	30	260	440	100	4-φ24	
YB160M2-2/15	80	1140	210	740	655	605	100	385	100	1240	1190	490	440	265	240	160	385	530	30	260	440	100	4-φ24		
IH80-50-200	YB90S-4/1.1	80	920	170	600	360	315	100	385	100	945	900	390	350	160	225	160	195	355	30	245	445	155	4-φ19	
	YB90L-4/1.5	80	920	170	600	385	340	100	385	100	970	925	390	350	160	225	160	195	355	30	245	445	155	4-φ19	
	YB100L1-4/2.2	80	920	170	600	430	380	100	385	100	1015	965	390	350	180	225	160	245	380	30	245	445	145	4-φ19	
	YB100L2-4/3	80	920	170	600	430	380	100	385	100	1015	965	390	350	180	225	160	245	380	30	245	445	145	4-φ19	
	YB112M-4/4	80	920	170	600	460	400	100	385	100	1045	985	390	350	190	225	160	265	400	30	245	445	133	4-φ19	
	YB132S2-2/7.5	80	1020	190	660	510	475	100	385	100	1095	1060	450	400	210	225	160	315	470	30	245	445	113	4-φ24	
	YB160M1-2/11	80	1140	210	740	655	605	100	385	100	1240	1190	490	440	210	240	160	385	530	30	260	460	100	4-φ24	
	YB160M2-2/15	80	1140	210	740	655	605	100	385	100	1240	1190	490	440	210	240	160	385	530	30	260	460	100	4-φ24	
	YB160L-2/18.5	80	1140	210	740	695	650	100	385	100	1280	1235	490	440	265	240	160	385	530	30	260	460	100	4-φ24	
YB180M-2/22	80	1140	210	740	730	670	100	385	100	1415	1315	490	440	285	240	160	430	565	30	260	460	80	4-φ24		
IH80-50-250	YB100L1-4/2.2	95	1020	190	660	430	380	125	500	100	1150	1105	450	400	180	225	180	245	380	30	265	490	165	4-φ24	
	YB100L2-4/3	95	1020	190	660	430	380	125	500	100	1150	1105	450	400	180	225	180	245	380	30	265	490	165	4-φ24	
	YB112M-4/4	95	1020	190	660	460	400	125	500	100	1185	1125	450	400	190	225	180	265	400	30	265	490	153	4-φ24	
	YB132S-4/5.5	95	1140	210	740	510	475	125	500	100	1235	1200	490	440	210	240	180	315	470	30	280	505	148	4-φ24	
	YB132M-4/7.5	95	1140	210	740	550	515	125	500	100	1275	1240	490	440	210	240	180	315	470	30	280	505	148	4-φ24	
	YB160M1-2/15	95	1270	225	840	655	605	125	500	100	1380	1330	540	490	260	240	180	385	530	30	300	525	140	4-φ24	
	YB160L-2/18.5	95	1270	225	840	695	650	125	500	100	1420	1375	540	490	260	240	180	385	530	30	300	525	140	4-φ24	
	YB180M-2/22	95	1270	225	840	705	670	125	500	100	1455	1395	610	550	285	240	180	430	565	30	300	525	120	4-φ24	
	YB200L1-2/30	95	1420	250	940	805	775	125	500	100	1530	1480	610	550	315	240	180	475	625	40	320	545	120	4-φ28	
	YB200L2-2/37	95	1420	250	940	805	775	125	500	100	1530	1480	610	550	315	240	180	475	625	40	320	545	120	4-φ28	
YB225M-2/45	95	1420	250	940	840	815	125	500	100	1565	1540	610	550	345	290	18	530	670	40	320	545	95	4-φ28		
IH80-50-315	YB112M-4/4	95	1440	210	740	460	400	125	500	100	1185	1125	490	440	190	225	225	265	400	30	325	605	213	4-φ24	
	YB132S-4/5.5	95	1440	210	740	510	475	125	500	100	1235	1200	490	440	210	240	225	315	470	30	325	605	193	4-φ24	
	YB132M-4/7.5	95	1440	210	740	550	515	125	500	100	1275	1240	490	440	210	240	225	315	470	30	325	605	193	4-φ24	
	YB160M-4/11	95	1270	225	840	655	605	125	500	100	1380	1330	540	490	265	240	225	385	530	40	345	625	185	4-φ24	
	YB160L-4/15	95	1270	225	840	695	650	125	500	100	1420	1375	540	410	265	240	225	385	530	40	345	625	185	4-φ28	
	YB200L1-2/30	95	1420	250	940	805	775	125	500	100	1530	1500	610	550	315	290	225	475	625	40	365	645	165	4-φ28	
	YB200L2-2/37	95	1420	250	940	805	775	125	500	100	1530	1500	610	550	315	290	225	475	625	40	365	645	165	4-φ28	
	YB225M-2/45	95	1420	250	940	840	815	125	500	100	1565	1540	610	550	245	290	225	530	670	40	365	645	140	4-φ28	
	YB250M-2/55	95	1620	290	1060	930	930	125	500	100	1660	1655	660	600	385	330	225	575	770	40	385	665	135	4-φ28	
	YB280S-2/75	95	1820	320	1200	1010	1000	125	500	100	1735	1725	730	670	410	330	225	640	830	40	385	665	105	4-φ28	
IH100-80-125	YB802-4/0.75	95	920	170	600	330	290	100	385	100	915	875	390	350	150	225	160	175	340	30	245	425	165	4-φ19	
	YB90S-4/1.1	95	920	170	600	360	315	100	385	100	945	900	390	350	160	225	160	195	355	30	245	425	155	4-φ19	
	YB90L-4/1.5	95	920	170	600	385	340	100	385	100	970	925	390	350	160	225	160	195	355	30	245	425	155	4-φ19	
	YB100L1-4/2.2	95	920	170	600	430	380	100	385	100	1015	965	390	350	180	225	160	245	380	30	245	425	145	4-φ19	
	YB100L2-4/3	95	920	170	600	430	380	100	385	100	1015	965	390	350	180	225	160	245	380	30	245	425	145	4-φ19	
	YB112M-4/4	95	920	170	600	460	400	100	385	100	1045	985	390	350	190	225	160	265	400	30	245	425	133	4-φ19	
	YB132S1-2/5.5	95	1020	190	660	510	475	100	385	100	1095	1065	450	400	210	240	160	315	470	30	245	425	113	4-φ24	
	YB132S2-2/7.5	95	1020	190	660	510	475	100	385	100	1095	1065	450	400	210	240	160	315	470	30	245	425	113	4-φ24	
	YB160M1-2/11	95	1140	210	740	655	605	100	385	100	1240	1190	490	440	265	240	160	385	530	30	260	440	100	4-φ24	
	YB160M2-2/15	95	1140	210	740	655	605	100	385	100	1240	1190	490	440	265	240	160	385	530	30	260	440	100	4-φ24	
IH100-80-160	YB90L-4/1.5	95	1020	190	660	385	340	100	500	100	1085	1040	450	400	160	225	160	195	355	30	245	445	155	4-φ24	
	YB100L1-4/2.2	95	1020	190	660	430	380	100	500	100	1130	1080	450	400	180	225	160	245	380	30	245	445	145	4-φ24	
	YB100L2-4/3	95	1020	190	660	430	380	100	500	100	1130	1080	450	400	180	225	160	245	380	30	245	445	145	4-φ24	
	YB112M-4/4	95	1020	190	660	460	400	100	500	100	1160	1100	450	400	190	225	160	265	400	30	245	445	133	4-φ24	
	YB132S2-2/7.5	95	1140	210	740	510	475	100	500	100															

安裝尺寸表 INSTALLATION DIMENSION

泵 型 号 pump type	电机型号/功率 Motor type/power (kw)	外 形 及 安 装 尺 寸 Outline and installation dimension																							
		A	L ₁	L ₂	L ₃	L ₄	L ₅	a	f	x	L ₆	L ₇	B ₂	B ₃	B ₄	B ₅	h ₁	h ₂	h ₃	h ₄	H	H ₁	H ₂	n-d	
IH100-80-160	YB160M1-2/11	95	1270	225	840	665	605	100	500	100	1355	1305	540	490	265	240	160	385	530	30	280	480	120	4-φ24	
	YB160M2-2/15	95	1270	225	840	665	605	100	500	100	1355	1305	540	490	265	240	160	385	530	30	280	480	120	4-φ24	
	YB160L2-2/18.5	95	1270	225	840	695	650	100	500	100	1395	1350	540	490	265	240	160	385	530	30	280	480	120	4-φ24	
	YB180M-2/22	95	1270	225	840	730	670	100	500	100	1430	1370	540	490	285	240	160	430	565	30	280	480	100	4-φ24	
	YB200L1-2/30	95	1420	250	940	805	775	100	500	100	1505	1475	610	550	315	290	160	475	625	40	300	500	100	4-φ28	
IH100-65-200	YB100L1-4/2.2	95	1140	210	740	430	380	100	500	140	1175	1120	490	440	180	225	180	245	380	30	280	505	180	4-φ24	
	YB100L2-4/3	95	1140	210	740	430	380	100	500	140	1175	1120	490	440	180	225	180	245	380	30	280	505	180	4-φ24	
	YB112M-4/4	95	1140	210	740	460	400	100	500	140	1200	1140	490	440	190	225	180	265	400	30	280	505	168	4-φ24	
	YB132S-4/5.5	95	1140	210	740	510	475	100	500	140	1250	1215	490	440	210	225	180	315	475	30	280	505	148	4-φ24	
	YB132M-4/7.5	95	1140	210	740	550	515	100	500	140	1290	1255	490	440	210	225	180	315	475	30	280	505	148	4-φ24	
	YB160M2-2/15	95	1270	225	840	655	605	100	500	140	1395	1345	540	490	265	240	180	385	530	30	300	525	140	4-φ24	
	YB160L-2/18.5	95	1270	225	840	695	650	100	500	140	1435	1390	540	490	265	240	180	385	530	30	300	525	140	4-φ24	
	YB180M-2/22	95	1270	225	840	730	670	100	500	140	1470	1410	540	490	285	240	180	430	565	30	300	525	120	4-φ28	
	YB200L1-2/30	95	1420	250	940	805	775	100	500	140	1545	1515	610	550	315	290	180	475	625	40	320	545	120	4-φ28	
	YB200L2-2/37	95	1420	250	940	805	775	100	500	140	1545	1515	610	550	315	290	180	475	625	40	320	545	120	4-φ28	
	YB225M-2/45	95	1420	250	940	840	815	100	500	140	1580	1555	610	550	345	290	180	530	670	40	320	545	95	4-φ28	
	IH100-65-250	YB100L2-4/3	110	1140	210	740	430	380	125	500	140	1195	1145	490	440	180	225	200	245	380	30	300	550	200	4-φ24
		YB112M-4/4	110	1140	210	740	460	400	125	500	140	1225	1165	490	440	190	225	200	265	400	30	300	550	188	4-φ24
YB132S-4/5.5		110	1140	210	740	510	475	125	500	140	1275	1240	490	440	210	240	200	315	470	30	300	550	168	4-φ24	
YB132M-4/7.5		110	1140	210	740	550	575	125	500	140	1315	1280	490	440	210	240	200	315	470	30	300	550	168	4-φ24	
YB160M-4/11		110	1270	225	840	655	605	125	500	140	1420	1370	540	490	265	240	200	385	530	30	320	570	160	4-φ24	
YB160L-4/15		110	1270	225	840	695	650	125	500	140	1460	1415	540	490	265	240	200	385	530	30	320	570	160	4-φ24	
YB180M-2/22		100	1270	225	840	730	670	125	500	140	1495	1435	540	490	285	240	200	430	565	30	320	570	140	4-φ24	
YB200L1-2/30		100	1420	250	940	805	775	125	500	140	1570	1540	610	550	315	290	200	475	625	40	340	590	140	4-φ28	
YB200L2-2/37		100	1420	250	940	805	775	125	500	140	1570	1540	610	550	315	290	200	475	625	40	340	590	140	4-φ28	
YB225M-2/45		100	1420	250	940	840	815	125	500	140	1605	1580	610	550	345	290	200	530	670	40	340	590	115	4-φ28	
IH100-65-315	YB250M-2/55	110	1620	290	1060	935	930	125	500	140	1700	1695	660	600	385	290	200	575	770	40	360	610	110	4-φ28	
	YB280S-2/75	110	1820	320	1200	1010	1000	125	500	140	1775	1765	730	670	410	330	200	640	830	40	360	610	80	4-φ28	
	YB132S-4/5.5	110	1270	225	840	510	475	125	530	140	1305	1270	540	490	210	240	225	315	470	30	345	625	213	4-φ24	
	YB132M-4/7.5	110	1270	225	840	550	515	125	530	140	1345	1310	540	490	210	240	225	315	470	30	345	625	213	4-φ24	
	YB160M-4/11	110	1270	225	840	655	605	125	530	140	1450	1400	540	490	265	240	225	385	530	30	345	625	185	4-φ24	
	YB160L-4/15	110	1420	250	940	695	650	125	530	140	1490	1445	610	550	265	240	225	385	530	30	345	625	185	4-φ24	
	YB180M-4/18.5	110	1420	250	940	730	670	125	530	140	1525	1465	610	550	285	240	225	430	565	40	360	645	185	4-φ28	
	YB200L2-2/37	110	1420	250	940	805	775	125	530	140	1600	1570	610	550	315	290	225	475	625	40	360	645	165	4-φ28	
	YB225M-2/45	110	1620	290	1060	840	815	125	530	140	1635	1610	660	600	345	290	225	530	670	40	385	665	160	4-φ28	
	YB250M-2/55	110	1620	290	1060	935	930	125	530	140	1730	1725	660	600	385	330	225	575	770	40	385	665	135	4-φ28	
IH125-100-200	YB280S-2/75	110	1820	320	1200	1010	1000	125	530	140	1805	1795	730	670	410	330	225	640	830	40	385	665	105	4-φ28	
	YB280M-2/90	110	1820	320	1200	1060	1050	125	530	140	1860	1845	730	670	410	330	225	640	830	40	385	665	105	4-φ28	
	YB112M-4/4	110	1140	210	740	460	400	125	500	140	1225	1165	490	440	190	225	200	265	400	30	300	580	188	4-φ24	
	YB132S-4/5.5	110	1140	210	740	510	475	125	500	140	1275	1240	490	440	210	240	200	315	470	30	300	580	168	4-φ24	
	YB132M-4/7.5	110	1140	210	740	550	515	125	500	140	1315	1280	490	440	210	240	200	315	470	30	300	580	168	4-φ24	
	YB160M-4/11	110	1270	225	840	655	605	125	500	140	1420	1370	540	490	265	240	200	385	530	30	320	600	160	4-φ24	
	YB200L1-2/30	110	1420	250	940	805	775	125	500	140	1570	1540	610	550	315	290	200	475	625	40	340	620	140	4-φ28	
	YB200L2-2/37	110	1420	250	940	805	775	125	500	140	1570	1540	610	550	315	290	200	475	625	40	340	620	140	4-φ28	
IH125-100-250	YB225M-2/45	110	1420	250	940	840	815	125	500	140	1605	1580	610	550	345	290	200	530	670	40	340	620	115	4-φ28	
	YB250M-2/55	110	1620	290	1060	935	930	125	500	140	1700	1695	660	600	385	330	200	575	770	40	360	640	110	4-φ28	
	YB280S-2/75	110	1820	320	1200	1010	1000	125	500	140	1775	1765	730	670	410	330	200	640	830	40	360	640	80	4-φ28	
	YB132S-4/5.5	110	1270	225	840	510	475	140	530	140	1320	1285	540	490	210	240	225	315	470	30	345	625	213	4-φ24	
	YB132M-4/7.5	110	1270	225	840	550	515	140	530	140	1360	1325	540	490	210	240	225	315	470	30	345	625	213	4-φ24	
	YB160M-4/11	110	1270	225	840	655	605	140	530	140	1465	1415	540	490	265	240	225	385	530	30	345	625	185	4-φ24	
	YB160L-4/15	110	1420	250	940	695	650	140	530	140	1505	1460	610	550	265	240	225	385	530	30	345	625	185	4-φ24	
	YB180M-4/18.5	110	1420	250	940	730	670	140	530	140	1540	1480	610	550	285	240	225	430	565	40	365	645	185	4-φ28	

安装尺寸表 INSTALLATION DIMENSION

泵 型 号 pump type	电机型号/功率 Motor type/power (kw)	外 形 及 安 装 尺 寸 Outline and installation dimension																						
		A	L ₁	L ₂	L ₃	L ₄	L ₅	a	f	x	L ₆	L ₇	B ₂	B ₃	B ₄	B ₅	h ₁	h ₂	h ₃	h ₄	H	H ₁	H ₂	n-d
IH125-100-250	YB225M-2/45	110	1620	290	1060	840	815	140	530	140	1650	1625	660	600	345	290	225	530	670	40	385	665	160	4-φ28
	YB250M-2/55	110	1620	290	1060	935	930	140	530	140	1745	1740	660	600	385	330	225	575	770	40	385	665	135	4-φ28
	YB280S-2/75	110	1820	320	1200	1010	1000	140	530	140	1820	1810	730	670	410	330	225	640	830	40	385	665	105	4-φ28
	YB280M-2/90	110	1820	320	1200	1060	1050	140	530	140	1870	1860	730	670	410	330	225	640	830	40	385	665	105	4-φ28
IH125-100-315	YB160M-4/11	110	1270	225	840	655	605	140	530	140	1465	1415	540	490	265	240	250	385	530	40	370	685	210	4-φ24
	YB160L-4/15	110	1420	250	940	695	650	140	530	140	1505	1460	610	550	265	240	250	385	530	40	370	685	210	4-φ24
	YB180M-4/18.5	110	1420	250	940	730	670	140	530	140	1540	1480	610	550	285	240	250	430	565	40	390	705	210	4-φ28
	YB180L-4/22	110	1420	250	940	750	710	140	530	140	1560	1520	610	550	285	240	250	430	565	40	390	705	210	4-φ28
	YB200L-4/30	110	1420	250	940	805	775	140	530	140	1615	1585	610	550	315	290	250	475	625	40	390	705	190	4-φ28
	YB225S-4/37	110	1420	250	940	845	820	140	530	140	1655	1630	610	550	345	290	250	530	670	40	390	705	165	4-φ28
	YB280S-2/75	110	1820	320	1200	1010	1000	140	530	140	1820	1810	730	670	410	330	250	640	830	40	410	725	130	4-φ28
	YB280M-2/90	110	1820	320	1200	1060	1050	140	530	140	1870	1860	730	670	410	330	250	640	830	40	410	725	130	4-φ28
IH125-100-400	YB160L-4/15	130	1620	290	1060	695	650	140	530	140	1505	1460	660	600	265	240	280	385	530	40	440	795	280	4-φ28
	YB180M-4/18.5	130	1620	290	1060	730	670	140	530	140	1540	1480	660	600	285	240	280	430	565	40	440	795	260	4-φ28
	YB180L-4/22	130	1620	290	1060	750	710	140	530	140	1560	1520	660	600	285	240	280	430	565	40	440	795	260	4-φ28
	YB200L-4/30	130	1620	290	1060	805	775	140	530	140	1615	1585	660	600	315	290	280	475	625	40	440	795	240	4-φ28
	YB225S-4/37	130	1620	290	1060	845	820	140	530	140	1655	1630	660	600	345	290	280	530	670	40	440	795	215	4-φ28
	YB225M-4/45	130	1620	290	1060	870	845	140	530	140	1680	1655	660	600	345	290	280	530	670	40	440	795	215	4-φ28
	YB250M-4/55	130	1620	290	1060	935	930	140	530	140	1745	1740	660	600	385	330	280	575	770	40	440	795	190	4-φ28
	YB280M-4/90	130	1820	320	1200	1060	1050	140	530	140	1870	1860	730	670	410	330	280	640	830	40	440	795	190	4-φ28
IH150-125-250	YB160M-4/11	110	1270	225	840	655	605	140	530	140	1465	1415	540	490	265	240	250	385	530	30	370	695	210	4-φ24
	YB160L-4/15	110	1420	250	940	695	650	140	530	140	1505	1400	610	550	265	240	250	385	530	30	370	695	210	4-φ24
	YB180M-4/18.5	110	1420	250	940	730	670	140	530	140	1540	1480	610	550	285	240	250	430	565	40	390	745	210	4-φ28
	YB180L-4/22	110	1420	250	940	750	710	140	530	140	1560	1520	610	550	285	240	250	430	565	40	390	745	210	4-φ28
	YB200L-4/30	110	1420	250	940	805	775	140	530	140	1615	1585	610	550	315	290	250	475	625	40	390	745	190	4-φ28
	YB225S-4/37	110	1420	250	940	845	820	140	530	140	1655	1630	610	550	345	290	250	530	670	40	390	745	165	4-φ28
	YB180M-4/18.5	130	1620	290	1060	730	670	140	530	140	1540	1480	660	600	285	240	280	430	565	40	440	775	260	4-φ28
	YB180L-4/22	130	1620	290	1060	750	710	140	530	140	1560	1520	660	600	285	240	280	430	565	40	440	775	260	4-φ28
IH150-125-315	YB200L-4/30	130	1620	290	1060	805	775	140	530	140	1615	1585	660	600	315	290	280	475	625	40	440	775	240	4-φ28
	YB225S-4/37	130	1620	290	1060	845	820	140	530	140	1655	1630	660	600	345	290	280	530	670	40	440	775	225	4-φ28
	YB225M-4/45	130	1620	290	1060	870	845	140	530	140	1680	1655	660	600	345	290	280	530	670	40	440	775	225	4-φ28
	YB250M-4/55	130	1620	290	1060	935	930	140	530	140	1745	1740	660	600	385	330	280	575	770	40	440	775	190	4-φ28
	YB280S-4/75	130	1820	320	1200	1010	1000	140	530	140	1820	1810	730	670	410	330	315	640	830	40	475	875	195	4-φ28
	YB280M-4/90	130	1820	320	1200	1060	1050	140	530	140	1870	1860	730	670	410	330	315	640	830	40	475	875	195	4-φ28
IH200-150-250	YB180L-4/22	130	1620	290	1060	750	710	160	530	180	1620	1580	660	600	285	240	280	430	565	40	440	815	260	4-φ28
	YB200L-4/30	130	1620	290	1060	805	775	160	530	180	1675	1645	660	600	315	290	280	475	625	40	440	815	240	4-φ28
	YB225S-4/37	130	1620	290	1060	845	820	160	530	180	1715	1690	660	600	345	290	280	530	670	40	440	815	215	4-φ28
	YB225M-4/45	130	1620	290	1060	870	845	160	530	180	1740	1715	660	600	345	290	280	530	670	40	440	815	215	4-φ28
	YB250M-4/55	130	1620	290	1060	935	930	160	530	180	1805	1800	660	600	385	330	280	575	770	40	440	815	190	4-φ28
	YB280S-4/75	130	1820	320	1200	1010	1000	160	530	180	1880	1870	730	670	410	330	280	640	830	40	440	815	160	4-φ28
IH200-150-315	YB200L-4/30	130	1820	320	1200	805	775	160	670	180	1815	1785	730	670	315	290	315	475	625	40	475	875	275	4-φ28
	YB225S-4/37	130	1820	320	1200	845	820	160	670	180	1855	1830	730	670	345	290	315	530	670	40	475	875	250	4-φ28
	YB225M-4/45	130	1820	320	1200	870	845	160	670	180	1880	1855	730	670	345	290	315	530	670	40	475	875	250	4-φ28
	YB250M-4/55	130	1820	320	1200	935	930	160	670	180	1945	1940	730	670	385	330	315	575	770	40	475	875	225	4-φ28
	YB280S-4/75	130	1820	320	1200	1010	1000	160	670	180	2020	2010	730	670	410	330	315	640	830	40	475	875	195	4-φ28
	YB280M-4/90	130	1820	320	1200	1060	1050	160	670	180	2070	2060	730	670	410	330	315	640	830	40	475	875	195	4-φ28
IH200-150-400	YB250M-4/55	130	1820	320	1200	935	930	160	670	180	1945	1940	730	670	385	330	315	575	770	40	475	925	225	4-φ28
	YB280S-4/75	130	1820	320	1200	1010	1000	160	670	180	2020	2010	730	670	410	330	315	640	830	40	475	925	195	4-φ28
	YB280M-4/90	130	1820	320	1200	1060	1050	160	670	180	2070	2060	730	670	410	330	315	640	830	40	475	925	195	4-φ28

水泵装配与拆卸 WATER PUMP ASSEMBLY AND DISASSEMBLY

泵在装配前应首先检查零件有无影响装配的缺陷，并擦洗干净，方可进行装配。

- 1、预先可将各处的连接螺栓、丝堵等分别拧紧在相应的零件上。
- 2、预先可将O形密封圈、纸垫、毛毡等分别放置在相应的零件上。
- 3、预先可将密封环和填料、填料环、填料压盖等依次装到泵盖内。
- 4、将滚动轴承装到轴上，然后装到悬架内，再合上压盖，压紧滚动轴承，并在轴上套上连接螺栓。
- 5、将轴套装到轴上，再将泵盖装到悬架上，然后再将叶轮、止动垫圈、叶轮螺母等装上并拧紧，最后将上述组件装到泵体内，并拧紧泵体及泵盖上的连接螺栓。

在上述装配过程中，一些小件如平键、挡油盘、挡水圈轴套内O形密封圈等容易遗漏或装错顺序，应特别注意。

泵拆卸顺序基本上可按装配顺序的反向进行。

Before assembly, please check whether there are defects on parts affecting assembly and clean.

1. Tighten all coupling bolts and screw blocks onto the corresponding parts in advance.
2. Place "O" ring, paper cushion, hair felt onto corresponding parts in advance.
3. Install seal rings, stuffing, stuffing rings, stiffing cover into the pump cover in the sequence in advance.
4. Install rolling bearing onto spindle, and install into the suspended frame, close cover to press on the rolling bearing, then screw coupling bolts onto the spindle.
5. Install spindle sleeve into the spindle, install pump cover onto the suspended frame, then install impellers, lock gaskets, impeller nuts and tighten, finally, install the parts above pump body, and tighten the coupling bolts on pump body and pump cover.

During the assembly procedure above, some small parts, such as oil baffle disc, "O" ring, water baffle ring bearing and screw, are likely to be omitted or assembled wrongly, please pay attention to that.

The assembly of a pump is the reversed sequence of assembly approximately.

水泵安装 WATER PUMP INSTALLATION

泵安装得好坏对泵的运行和寿命有重要影响，所以安装和校正必须仔细进行。

安装和校正

- 1、清除底座上的油腻和污垢，把底座放在地基上。
- 2、用水平仪检查底座的水平度，允许用楔铁找平。
- 3、用水泥浇灌底座和地脚螺栓孔眼。
- 4、水泥干涸后应检查底座和地脚螺栓孔眼是否松动，合适后拧紧地脚螺栓，重新检查水平度。
- 5、清理底座的支持平面、水泵脚及电机脚的平面，并把水泵和电机安装到底座上去。
- 6、联轴器之间应保持一定的间隙，检查水泵轴与电机轴中心线是否一致，可用薄垫片调整使其同心。

测量联轴器的外圆上下、左右的差别不得超过0.1mm，两联轴器端面间隙一周上最大和最小的间隙差别不得超过0.3mm。

Installation is important to operation and service life of a pump. Therefore, please install and adjust a pump carefully.

Installation and adjustment

1. Clear off oil stain and dirt on the base, and put the base on ground.
2. Use gradient to check the horizontal degree of base, and wedge irons are allowed to be used to adjust.
3. Pour cement into base and bolt holes of feet.
4. When cement is dried, check whether bolts of base and feet are loosened, tighten in a proper way, and check horizontal degree again.
5. Clean the support grounds under base, ground under feet of water pump and motor feet, and install water pump and motor onto the base.
6. A clearance shall be kept between shaft couplers, check whether water pump spindle and motor spindle are on a same center line, thin cushion sheets can be used to adjust.

Measure the difference between up-and-down length and left-to-right length of external circle of coupler shall not be more than 0.1 mm. Between two couplers, difference between maximum clearance and minimum clearance on a same circle shall not be greater than 0.3 mm.

安装说明

- 1、泵的安装高度，管路的长度、直径、流速应符合计算，力求减少不必要的损失。
- 2、长距输送时应取较大管径。泵的管路应有自己的支架，不允许管路的重量加在泵上，避免把泵压坏。
- 3、排出管路如装逆止阀应装在闸阀的外面。

Installation description

1. Installation height of pump, length, diameter and flow rate of pipes shall be as calculated, to reduce unnecessary loss.
2. For long-distance transfer, large pipe diameters are preferred. Support of pipes of the pump shall be available, and the pump shall not bear the weight of pipes, in order to prevent damages on the pump.
3. If it is to install a reversing valve on a drain pipe, it shall be installed outside of the gate valve.

水泵启动、停止与运转 WATER PUMP START, STOP AND WORK

启动

- 1、应在机泵联接前确定电动机的旋转方向是否正确，泵的转动是否灵活。
- 2、关闭吐出管路上的闸阀。
- 3、向泵内灌满水或用真空泵引水。
- 4、接通电源，当泵达到正常转速后，再逐渐打开吐出管路上的闸阀。并调节到所需要的工作。在吐出管路上的闸阀关闭的情况下，泵连续工作的时间不能超过3分钟。

停止

- 1、逐渐关闭吐出管路上的闸阀，切断电源。
- 2、如环境温度低于0℃，应将泵内水放出，以免冻裂。
- 3、如长期停止使用，应将泵拆卸清洗上油，包装保管。

运转

- 1、在开车及运转过程中，必须注意观察仪表读数，轴承是否发热，填料是否漏水及泵的振动和杂音等是否正常，如果发现异常情况，应及时处理。
- 2、轴承温度最高不大于80℃，轴承温度不得超过周围温度40℃。
- 3、填料正常，漏水应该是少量均匀的。
- 4、轴承油位应保持在正常位置上，不能过高或过低，过低时应及时补充润滑油。
- 5、如密封环与叶轮配合部位的间隙磨损过大应更换新的密封环。

Start

1. Before coupling the pump, check whether the rotation direction of motor is correct, rotation of pump is agile.
2. Close the gate valve on output pipe.
3. Pour water into pump, or use vacuum to draw water.
4. Turn on power supply, when pump reaches its normal rotation, open the gate valves on output pipes gradually, and adjust according to actual requirement. When gate valves on output pipes are closed, continuous work period of pump shall not be more than 3 minutes.

Stop

1. Gradually close the gate valve on output pipe, and turn off power supply.
2. If ambient temperature is below 0℃, drain out water in the pump to avoid freezing by being frozen.
3. If it will not be used for a long time, please disassemble the pump, clean, add oil, and pack before storage.

Work

1. During start and operation, please check whether reading on instruments are normal, whether bearing is overheated, whether there is water leakage from stuffing, and whether vibration and noises of pump are normal, please handle in time when abnormal situations occur.
2. Maximum temperature of bearings shall be no more than 80℃, and bearing temperature shall not be higher than ambient temperature by more than 40℃.
3. When stuffing is normal, water leakage shall be of minor amount and even.
4. Oil level of bearing shall be normal, not too high or too low, add the lubricating oil in time when it is too low.
5. When abrasion on the coupling part between a seal ring and an impeller is too serious, please replace with a new seal ring.

故障原因及排除方法 FAILURES CAUSES AND TROUBLESHOOTING

故障 Failure	原因 Possible causes	排除方法 Troubleshooting
1.水泵不吸水，压力表及真空表指针剧烈跳动。 Pump not suck water, both pointers of manometer and vacuummeter severely jump.	a、注入水泵的水不够 b、进水管与仪表漏气 a. Water input the water pump is not enough. b. Air leakage on water input pipes and instruments.	a、再往水泵内注水 b、拧紧堵塞漏气处 a. Input more water into the water pump. b. Tighten and block the air leakage parts.
2.水泵不吸水，真空表已显示高度真空。 Pump not suck water, high vacuum shown on vacuummeter.	a、底阀没有打开或已堵塞 b、吸水管阻力太大 c、吸水高度太高 a. Bottom valve not opened or blocked up. b. Too large resistance of the suction pipeline. c. too high suction height.	a、校平或更换底阀 b、清洗或更换吸水管 c、降低吸水高度 a. Adjust or replace bottom valve. b. Clean or replace water input pipes. c. Reduce water input height.
3.压力表有压力而水泵仍不出水。 No water out though pressure is shown on manometer.	a、出水管阻力太大 b、旋转方向不对 c、叶轮堵塞 d、水泵转速不够 a. Too large resistance on outlet pipeline. b. Uncorrect rotating direction. c. Impeller blocked up. d. Insufficient rotating speed.	a、清洗或缩短水管 b、检查电机旋向 c、清洗叶轮 d、增加水泵转速 a. Clean or shorten water pipe. b. Check rotation direction of motor. c. Clean impeller d. Increase rotation speed of water pump.
4.泵流量减少或扬程下降。 Pump flow rate reduced or pump lift drops.	a、叶轮或管路堵塞 b、密封环或叶轮磨损过多 c、转速不够 a. Impellers or pipes are jammed. b. Too serious abrasion on seal rings or impellers. c. Rotation speed is too low.	a、清洗叶轮及管路 b、更换损坏零件 c、调整到额定转速 a. Clean impellers and pipes. b. Replace damaged parts. c. Adjust to rated rotation speed.
5.水泵消耗的功率过大。 Too large power loss of pump.	A、填料压盖太紧，填料函发热 b、叶轮与密封环摩擦 c、流量过大 a. Stuffing cover is too tightened, and stuffing case is heated. b. Impellers and seal rings are abraded. c. Flow rate is too high.	a、放松填料压盖 b、消除机械摩擦 c、关小出水阀门 a. Loosen cover of stuffing. b. Eliminate mechanical abrasion. c. Reduce opening of water output gate valve.
6.水泵内部声音反常，水泵吸不上水。 Abnormal sound inside of pump, no water out of it.	a、吸水管内阻力过大 b、吸水管有空气漏入 c、流量过大发生汽蚀 a. Too great resistance in water input pipe. b. Air ingress into water input pipe. c. Flow rate is too great, which leads to air cavities.	a、减小吸水高度缩短吸水管长度 b、堵塞漏气处 c、调节出口阀门使泵在规定工况范围内使用 a. Reduce height of water input, and shorten length of water input pipes. b. Block air leakage parts. c. Adjust output valves, to make pump work within the stipulated range.
7. 水泵振动厉害。 Water pump vibration is too serious.	a、泵发生汽蚀、叶轮不平衡 b、泵轴与电机不在同一中心线上 c、地脚螺栓松动 a. Air cavities in pump, impellers are not balanced. b. Pump spindle and motor are not on a same center line. c. Foot bolts are loosened.	a、消除汽蚀、叶轮校平衡 b、校水泵和电机的同轴度 c、拧紧地脚螺栓 a. Eliminate air cavities, balance impellers. b. Adjust coaxiality of water pump and motor. c. Tighten foot bolts.
8. 轴承过热。 Overheat on bearing.	a、润滑油不足或过多，或变质 b、水泵与电机轴不同心 a. Lubricating oil is not enough, or too much, or degraded. b. Water pump and motor spindle are not coaxial.	a、检查油量，清洗轴承并换油 b、把轴中心线对准 a. Check oil amount, clean bearing and replace oil. b. Align center line of spindle.

管路损耗参考表 REFERENCE TABLE FOR PIPELINE LOSS

[illegible]

工管應按損失簡表（供估計用）管100m工管損失米數以新錫鐵管為標準，工管加倍。
Abrasion loss table of straight pipes (for estimation). length loss of a 100m straight pipe is calculated as the standard. 10 old pipes, it shall be doubled.

阀及弯管折合直管长度(每个)
The length of a straight pipe converted into from both valve and elbow(each)

种 类 Variety	折岔管路直径倍数 Convert into the times of the diameter of a straight pipe	备 注 Remark
全开闸阀 Fully opened gate valve	13	未翻升加倍 Multiple in case of unopen
标准弯管 Standard elbow	2.5	
逆止阀 Back valve	100	
底阀 Foot valve	100	部分堵塞加倍 Partial block-in multiplied

注:例如100mm口径管,底阀折合100倍口径各等于 $100 \times 100 = 10000\text{mm} = 10\text{m}$ 管长度,假定流量为 8L/s 合 $1\text{m}^3/\text{s}$ 表,管每100m损失 1.3m ,则10m损失 0.13m ,即一个100mm底阀,流量为 8L/s 时,则损失扬程 0.13m 。

Naïc. For instance, a 100mm diameter pipe, the foot valve has a $100 \times 100 = 10000\text{mm}^2 = 10\text{m}^2$ diameter when which is converted into 100 times that of the pipe's diameter. Suppose the flow is 8L/s, looked into the above table, the loss of the straight pipe is 1.3m each 100m, then the one for 100mm is 0.13m, that is, for a 100mm foot valve with a flow 8L/s, its head loss is 0.13m.

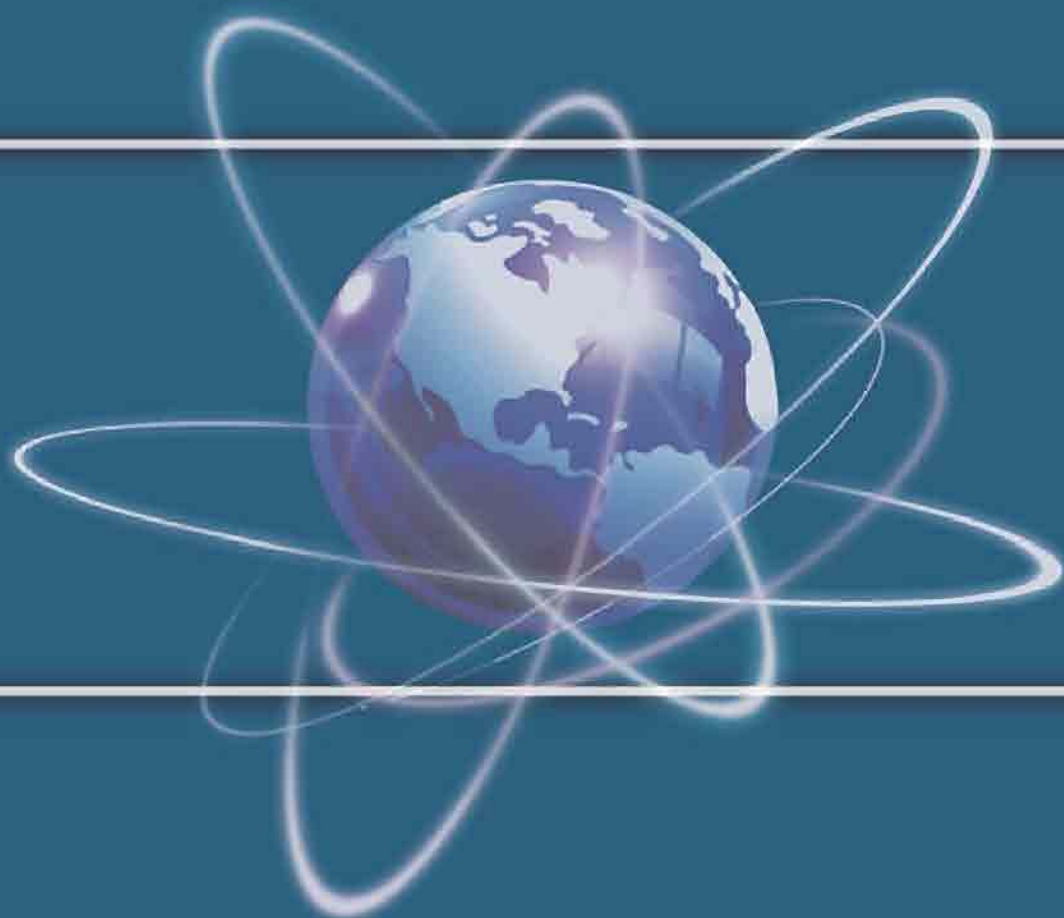
一定管路直径之最大流量限制

管路直径 Pipeline diameter (mm)	最大流量 Maximum flow (L/s)	最大流速 Maximum flow rate (m/s)	管路直径 Pipeline diameter (mm)	最大流量 Maximum flow (L/s)	最大流速 Maximum flow rate (m/s)
25	1	2.04	125	30.0	2.41
38	2.5	1.69	150	43.0	2.45
50	4.17	2.12	175	60.0	2.49
65	6.67	2.01	200	83.0	2.69
75	10.0	2.26	250	133.3	2.72
100	18.4	2.33	300	192.0	2.71

注: 超过此限使管路损失显著增加。



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