ABOUT US

关于我们

安徽氟瑞达泵阀制造科技有限公司是一家致力于化工泵生产，研发，销售，服务为一体的技术型生产厂家。公司位于安徽省宣城市泾县经济开发区纬五路2号，占地面积18009平方米，注册资金2000万元。公司先后获得多项专业认证及荣誉，包括三A级质量服务诚信单位、三A级诚信供应商、三A级诚信经营示范单位及三A级重合同守信用企业等。

氟瑞达泵阀以其专业的技术团队和深厚的行业经验为依托，不断推进产品创新和技术进步。全面推行ISO9001质量管理体系并实施ERP系统的精细管理，严格按照国际质量管理体系进行生产。紧跟行业发展趋势，致力于开发出更高效、更节能的泵类产品，以满足市场和客户的多元化需求。

公司主要产品有:IHF型氟塑料离心泵、FZB氟塑料自吸泵、CQB氟塑料磁力驱动泵、ZMD自吸式磁力驱动泵、IHG-F衬氟管道泵、FYH氟塑料液下泵、FSB氟塑料离心泵、IMC型不锈钢磁力泵、IHY不锈钢液下离心泵、IS卧式单级端吸离心泵、IH型不锈钢离心泵、ZH自吸式化工离心泵、ZMC不锈钢磁力自吸泵、WFB无密封自控自吸泵、FZB氟塑料自吸泵、ZHB高性能氟塑料自吸泵、 UHB-ZK耐腐耐磨泵、WQ-D铸铁国标污水污物潜水泵。产品涵盖了石化、医药、污水处理、冶金、新能源、化工、矿产、粮油等各个行业。

百尺竿头更进一步，我们公司将一如既往地秉承“质最第一，信誉至上”的经营宗旨，为我国的基础建设和民生民计发挥重要的作用。我们竭诚欢迎社会各界莅临我公司考察惠顾，共创美好未来!

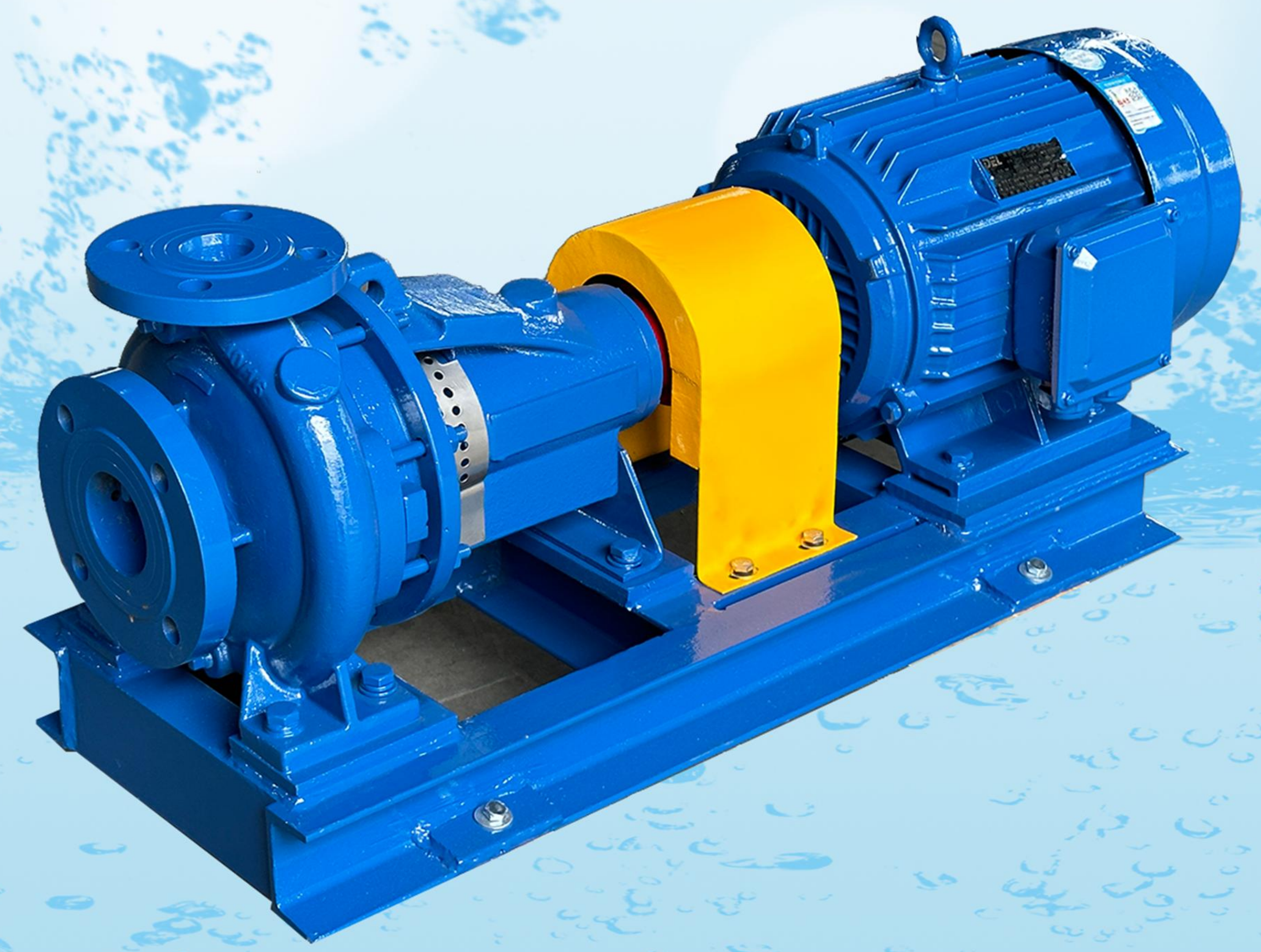
Freida 氟瑞达泵阀

扫一扫查看更多型号

IS 型

卧式单级端吸离心泵

IS TYPE IS HORIZONTAL SINGLE-STAGE END-SUCTION CENTRIFUGAL PUMP



安徽氟瑞达泵阀制造科技有限公司
ANHUI FURUIDA PUMP VALVE MANUFACTURING TECHNOLOGY CO., LTD.

1、产品简介Product introduction

1.2、IS 型泵系卧式单级端吸离心泵，供输送清水及物理、化学性质类似于水等不含固体颗粒的液体，应用于工厂、矿山、楼宇、消防、灌溉、市政供水等。
1.3、规格相同泵的性能参数变化可通过切割叶轮外径来实现；
1.4、IS 型泵结构简单，性能可靠，体积小，重量轻，抗汽蚀性能好，电耗低，使用维修方便。
1.5、IS 型泵适宜输送介质的温度为-10 ~ 85°C,常规工作压力≤1.0MPa；如需提高至1.6Mpa或更高，请在订货时候说明。泵常规转速为1450rpm与2900rpm，如需在最高转速为3550rpm下运行（60Hz电源或配用汽、柴油机），叶轮外径的适配根据工况参数由我公司提供技术服务。
1.6、IS 型泵的法兰压力等级为PN16（GB9119），如装置压力有特殊要求时，可按PN25（GB9119）生产提供，请在选型时注明。
1.7、泵主要零件常用材料

1.2、IS series pump is a horizontal single-stage end-suction centrifugal pump for conveying clear water and liquids similar to water in physical and chemical properties without solid particles, which is used in factories, mines, buildings, fire-fighting, irrigation, municipal water supply and so on.
1.3、The change of performance parameters of pumps with the same specifications can be realized by cutting the outer diameter of impeller;
1.4、IS series pump is simple in structure, reliable in performance, small in volume, light in weight, good in resistance to vapor corrosion, low in power consumption, and convenient in use and maintenance.
1.5、IS pump suitable for conveying the medium temperature of -10 ~ 85 ° C, conventional working pressure ≤ 1.0MPa; if you need to increase to 1.6Mpa or higher, please specify when ordering.Conventional speed of the pump is 1450rpm and 2900rpm, if you need to run at the maximum speed of 3550rpm (60Hz power supply or with gas or diesel engine), the impeller outer diameter of the fit according to the working condition parameters by our company to provide technical services.
1.6、IS series pump flange pressure level for PN16 (GB9119), such as device pressure has special requirements, according to the production of PN25 (GB9119) to provide, please specify in the selection.
1.7、Commonly used materials for main parts of the pump

零件名称 Part name	材料名称 Material name	对应牌号 Corresponding grade	零件名称 Part name	材料名称 Material name	对应牌号 Corresponding grade
壳体 Casing	灰铸铁 Cast iron	HT250	叶轮 Impeller 密封环 Wear ring	灰铸铁 Cast iron	HT250
	球墨铸铁 Ductile iron	QT450		球墨铸铁 Ductile iron	QT450
	铸钢 Cast steel	ZG35		铸钢 Cast steel	ZG35
	不锈钢 Stainless steel	SS304		不锈钢 Stainless steel	SS304
		SS316			SS316
		SS316L			SS316L
		2205			2205
	铜 Bronze	C95200		铜 Bronze	C83600
轴 Shaft	碳钢 Cast steel	45			C95200
	不锈钢 Stainless steel	SS420	轴套 Shaft sleeve	不锈钢 Stainless steel	SS304
		SS304			SS322
		SS431			SS316

2、结构说明Structural description

2.1、壳体由涡室、底脚、进出口法兰共同铸成一个整体；进口为轴向，出口为径向。
2.2、泵的结构为后开式，维护保养时不需拆卸吸入和排出管道；泵通过弹性联轴器由电机或内燃机（柴油机、汽油机）直接驱动。
2.3、泵的轴封型式分为填料型和机封型；其中机封型有内装型机械密封、外装型机械密封、平衡型机械密封三种型式，平衡型机械密封用于泵工作压力≥1.6MPa的使用要求。
2.4、泵的轴承润滑方式有脂润滑、油润滑供选择使用。
2.5、悬架部件的轴承配置

2.1Shell by the vortex chamber, foot, inlet and outlet flanges are cast together as a whole; the inlet is axial, the outlet is radial.
2.2The structure of the pump is back-open, maintenance without disassembling the suction and discharge piping; pump through the elastic coupling by the motor or internal combustion engine (diesel, gasoline engine) direct drive.
2.3The shaft sealing type of the pump is divided into packing type and machine sealing type; among them, the machine sealing type has three types: internal mechanical seal, external mechanical seal and balanced mechanical seal, and the balanced mechanical seal is used for the working pressure of the pump ≥1.6MPa.
2.4The bearing lubrication of pump has grease lubrication and oil lubrication for selection.
2.5Bearing configuration of suspension parts

轴径系列 Shaft Diameter Series	轴承(叶轮端) Bearing (impeller)	轴承(联轴器端) Bearing(coupling)	备注 Remark
25	6305	6305	常规 General
	3305	6305	特殊工况 Special working conditions
	3305	3305	转速Speed ＞2900rpm
35	6307	6307	常规 General
	3307	3307	功率Power ＞55kW
45	6309	6309	常规 General
55	6311	6311	常规 General
60	6312	6312	常规 General
75	NU315	3315	常规 General

3、装配与拆卸Assembly and disassembly

3.1、泵在装配前应先检查各零件的外观质量，并擦拭干净，方可投入装配。
3.2、预先将各处的连接用紧固件、丝堵等分别拧紧在相应的零件上。
3.3、预先将密封圈、密封垫等分别放置或装入相应的零件上。
3.4、预先将密封环、填料、填料环、填料压盖等依次装在泵盖零件上；机械密封泵预先将静环压入泵盖或机封压盖内。
3.5、将轴承装在轴上，然后装入悬架内，依次装入密封垫、油封、轴承压盖，并在轴的叶轮端套上挡水圈。
3.6、将轴套装在轴上，再将泵盖装到悬架上，依次装入叶轮平键、叶轮、弹垫、盖形螺母，并拧紧；机械密封泵在装入叶轮前将动环部件套入轴套。
3.7、最后将上述组件与泵体进行合装，紧固泵体与泵盖的连接紧固件。
3.8、在上述装配过程中，叶轮平键、挡水圈、密封圈等小零件容易遗漏或装错顺序，应特别注意。
3.9、泵的拆卸基本按装配顺序的逆向进行。

3.1 The pump should be checked the appearance quality of each part before assembly and wiped clean before putting into assembly.
3.2 Pre-tighten the fasteners, screw plugs, etc. for each connection on the corresponding parts.
3.3 Pre-placing or fitting sealing rings, gaskets, etc. on the corresponding parts respectively.
3.4 Pre-load sealing ring, packing, packing ring, packing gland, etc. on the pump cover parts in turn; mechanical seal pump pre-press the static ring into the pump cover or machine seal gland.
3.5 Install the bearing on the shaft, then install it in the suspension, install the sealing gasket, oil seal, bearing gland in turn, and put the water retaining ring on the impeller end of the shaft.
3.6 Fit the shaft set onto the shaft, then fit the pump cover into the suspension, fit the impeller flat key, impeller, spring pad, cap nut in turn and tighten; for mechanically sealed pumps, fit the moving ring parts into the shaft sleeve before fitting the impeller.
3.7 Finally, fit the above components with the pump body and tighten the connecting fasteners of the pump body and pump cover.
3.8 In the above assembly process, impeller flat key, water retaining ring, sealing ring and other small parts are easy to miss or installed in the wrong order, special attention should be paid.
3.9 Pump disassembly is basically carried out in the reverse order of assembly.

4、整机安装Installation of the whole machine

泵安装的好坏对泵的运行及使用寿命有重要的影响，所以安装和校正必须仔细进行。泵的外形及安装尺寸，详见图表。安装和校正如下：

4.1、清除底座上的油腻和污垢，把底座放在基础上。
4.2、用水平仪检查底座的水平度，允许用楔铁找平。
4.3、用水泥浇灌底座和地脚螺栓孔眼。
4.4、水泥干固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，并再次检查水平度。
4.5、清理底座的支持平面，泵底脚及电机底脚的平面，并把泵和电机安装到底座上去。
4.6、联轴器之间应保持一定的间隙，检查泵轴与电机轴中心高是否一致，可用薄垫片调整使其同心。

The installation of the pump has an important influence on the operation and service life of the pump, so the installation and calibration must be carried out carefully. Pump shape and installation dimensions, see the chart. Installation and calibration are as follows:

4.1,Remove grease and dirt from the base and place the base on the foundation.
4.2,Check the level of the base with a spirit level, allowing for leveling with a wedge.
4.3,Pour cement over the base and ground bolt holes.
4.4,After the cement dries and solidifies, the base and foot bolt eyelets should be checked for looseness, tighten the foot bolts when appropriate, and check the level again.
4.5,Clean the support plane of the base, the pump foot and the motor foot plane, and install the pump and motor to the base.
4.6,Keep a certain clearance between the couplings, check whether the center height of the pump shaft and the motor shaft is the same, and adjust it with thin shims to make it concentric.

5、操作运行Operation

5.1、起动
5.1.1、在机泵联接前确定电机的旋转方向是否正确，泵的转动是否灵活。
5.1.2、关闭吐出锥管的闸阀。
5.1.3、泵内灌水，或真空泵引水。
5.1.4、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况点。在吐出管上的闸阀关闭的情况下，泵连续工作时间不能超过3分钟。

5.2 停止
5.2.1、逐渐关闭管路上的闸阀，切断电源。
5.2.2、如环境温度低于0°C，应将泵内的水放出，以免冻裂。
5.2.3、如长期停止使用，应将泵拆卸涂油，包装后存放。

5.3 运转
5.3.1、在开车及运转过程中，必须注意观察仪表读数。轴承发热、填料漏水和发热、泵的振动和噪音等是否正常，如果发现异常情况，应及时处理。
5.3.2、轴承温升不得超过环境40°C，轴承最高温度不得超过80°C。
5.3.3、填料正常，漏水应该是少量的，每分钟约60滴。
5.3.4、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。

5.1,Starting
5.1.1,Before connecting the pump to the machine, make sure that the motor is rotating in the correct direction and that the pump is rotating flexibly.
5.1.2,Close the gate valve of the discharge cone.
5.1.3,Fill the pump with water or draw water from the vacuum pump.
5.1.4,Turn on the power, when the pump reaches the normal speed, then gradually open the gate valve on the spit pipe, and adjust to the required working condition point. The pump should not operate continuously for more than 3 minutes with the gate valve on the discharge line closed.

5.2,Stopping
5.2.1,Gradually close the gate valves on the piping and disconnect the power supply.
5.2.2,If the ambient temperature is below 0°C, drain the pump to avoid freezing.
5.2.3,If the pump has been out of use for a long time, disassemble and oil the pump and store it in a package.

5.3 Operation
5.3.1,During start-up and operation, meter readings must be observed. Bearing heat, packing leakage and heat, pump vibration and

6、故障原因及解决方法Causes and solutions

故障 Cause of damage	原因 Reason	解决方法 Solutions
泵不吸水，压力表及真空表的指针剧烈摆动。 The pump does not suck water, and the pointers of the pressure gauge and vacuum gauge swing violently.	注入泵内输送水不足；管路或仪表漏气。 Insufficient delivered water injected into pump; air leaks in lines or gauges.	继续向泵内补充水；拧紧丝堵或连接紧固件，堵塞漏气处。 Continue to refill the pump with water; tighten the screw plug or connecting fastener to plug the leak.
泵不吸水，真空表高度真空。 The pump does not suck water and the vacuum gauge is highly vacuumed.	底阀没有打开，或已淤塞；吸水管阻力过大；吸水管高度过大。 Bottom valve is not open or is blocked; suction pipe resistance is too high; suction pipe height is too high.	校正或更改底阀；清洗或更改吸水管；减小吸入高度。 Calibrate or change bottom valve; clean or change suction hose; reduce suction height.
泵出口处压力表显示有压力，但泵不出水。 The pressure gauge at the pump outlet shows pressure, but the pump does not dispense water.	出水管阻力过大；旋转方向不对；叶轮淤塞。 Excessive resistance in the outlet pipe; wrong direction of rotation; impeller blockage.	检查或缩短出水管；检查电机旋向；清理叶轮。 Check or shorten outlet pipe; check motor rotation; clean impeller.
泵流量减小。 Pump flow is reduced.	水管淤塞；密封环磨损过大。 Plumbing blockage; excessive seal ring wear.	清理水管；更换密封环。 Clean water lines; replace seal rings.
泵消耗功率偏大。 The power consumption of the pump is high.	填料压得过紧；叶轮已磨损；管路阻力偏小，泵流量增大。 The packing is pressed too tightly; the impeller is worn out; the pipeline resistance is small and the pump flow increases.	拧松填料压盖螺母或将填料取出清理；更换叶轮；增大管路阻力来减小流量。 Loosen packing gland nut or remove packing to clean; replace impeller; increase piping resistance to reduce flow.
泵内部声音异常且不上水。 The pump sounds abnormal internally and doesn't go to water.	流量过大；吸水管阻力过大；吸入高度过大；进水管路有空气渗入；输送介质温度过高。 The flow rate is too large; the suction pipe resistance is too large; the suction height is too large; there is air infiltration in the water inlet pipe; the temperature of the conveying medium is too high.	增大管路阻力来减小流量；检查吸入管阻力；检查底阀并减小吸入高度；拧紧堵塞漏气处；降低介质温度。 Increase the pipeline resistance to reduce the flow; check the suction pipe resistance; check the bottom valve and reduce the suction height; tighten the plugged leaks; reduce the medium temperature.
轴承过热。 Bearing overheating.	轴承缺油；泵与驱动机的联轴器不同心。 Bearings are out of oil; the coupling between the pump and the driving machine is not concentric.	向轴盖注润滑脂或向悬架内加润滑油；校正同轴度。 Fill shaft cover with grease or add lubricant to inside of suspension; correct coaxiality.
泵振动；噪音大。 Pump vibration; noisy.	泵与驱动机的联轴器不同心；叶轮平衡遭受破坏；轴承受损。 The coupling between the pump and the driving machine is not concentric; the balance of the impeller is disturbed; the bearings are damaged.	校正同轴度；叶轮重新做平衡；更换轴承。 Calibrate coaxiality; rebalance impeller; replace bearings.

IS 性能参数表Performance parameter table

泵规格 Type	转速n speed (r.p.m)	流量Q Capacity (m^3/h)	流量Q (l/s)	流量Q (USGPM)	扬程H Head (m)	扬程H (Feet)	必需汽蚀余量 (NPSH)r (m)	(NPSH)r (Feet)	效率 η (%)	功率 Power 轴功率 (KM)	功率 Power 电机 (KM)	出厂配套	叶轮外径 (mm)	泵口径 进口 (mm)	泵口径 出口 (mm)	锥管口径 吸入 (mm)	锥管口径 排出 (mm)	泵头重量 (kg)
IS 32/130	2900	9	2.5	39.6	24.5	80.4	1.2	3.9	49	1.23	2.2							
		15	4.2	66.0	22	72.2	1.8	5.9	55	1.63	2.2	Y90L-2 2.2kW	139					
		18	5.0	79.3	20	65.6	2.3	7.5	56	1.75	2.2							
IS32/130A	2900	8.4	2.3	37.0	21	68.9	1.8	5.9	47	1.02	1.5							
		14	3.9	61.6	19	62.3	2	6.6	54	1.34	2.2	Y90L-2 2.2kW	130	50	32	/	50	27.5
		16.8	4.7	74.0	17	55.8	2.3	7.5	55	1.41	2.2							
IS32/130B	2900	7.8	2.2	34.3	18	59.1	1.8	5.9	43	0.89	1.1							
		13	3.6	57.2	16	52.5	1.88	6.2	51	1.11	1.5	Y90S-2 1.5kW	120					
		15.6	4.3	68.7	14.5	47.6	2.08	6.8	52	1.18	1.5							
IS 32/160	2900	10.8	3.0	47.6	40	131.2	1.2	3.9	47	2.50	3							
		18	5.0	79.3	38.5	126.3	2	6.6	58.5	3.23	4	Y132S1-2 5.5kW	174					
		21.6	6.0	95.1	36	118.1	2.6	8.5	59	3.59	5.5							
IS 32/160A	2900	10.5	2.9	46.2	35.7	117.1	1.9	6.2	46	2.22	3							
		17	4.7	74.8	33	108.3	1.95	6.4	55	2.78	4	Y112M-2 4kW	165	50	32	/	50	35
		20.4	5.7	89.8	30	98.4	2.4	7.9	56	2.98	4							
IS 32/160B	2900	9.6	2.7	42.3	32.4	106.3	1.9	6.2	44	1.93	2.2							
		16	4.4	70.4	29.5	96.8	1.95	6.4	53	2.43	4	Y112M-2 4kW	155					
		19.2	5.3	84.5	27	88.6	2.2	7.2	54	2.61	4							
IS 32/200	2900	10.8	3.0	47.6	66	216.5	1.3	4.3	43	4.51	5.5							
		18	5.0	79.3	61.5	201.8	1.9	6.2	52.5	5.74	7.5	Y160M1-2 11kW	214					
		21.6	6.0	95.1	57	187.0	2.3	7.5	53.5	6.27	11							
IS32/200A	2900	10.2	2.8	44.9	58	190.3	1.8	5.9	40	4.03	5.5							
		17	4.7	74.8	55.5	182.1	1.95	6.4	53	4.85	7.5	Y132S2-2 7.5kW	205	50	32	/	50	41
		20.4	5.7	89.8	52	170.6	2.2	7.2	53	5.45	7.5							
IS32/200B	2900	9.9	2.8	43.6	51.5	169.0	1.8	5.9	38	3.65	5.5							
		16.5	4.6	72.6	48	157.5	1.9	6.2	49	4.40	5.5	Y132S2-2 7.5kW	195					
		19.8	5.5	87.2	45	147.6	2.15	7.1	48.5	5.00	7.5							
IS32/260	2900	13.2	3.7	58.1	102	334.6	1.8	5.9	32.5	11.28	15							
		22	6.1	96.9	96	315.0	2.7	8.9	40.5	14.20	18.5	Y160L-2 18.5kW	264					
		26.4	7.3	116.2	89	292.0	3.3	10.8	41	15.61	18.5							
IS32/260A	2900	12.6	3.5	55.5	92.5	303.5	2.1	6.9	32	9.92	15							
		21	5.8	92.5	88	288.7	2.2	7.2	40	12.58	15	Y160M2-2 15kW	255	50	32	/	50	59
		25.2	7.0	111.0	83	272.3	2.5	8.2	41	13.89	15							
IS32/260B	2900	12.3	3.4	54.2	84.5	277.2	2.15	7.1	30	9.43	15							
		20.5	5.7	90.3	81	265.7	2.16	7.1	38.5	11.75	15	Y160M2-2 15kW	245					
		24.6	6.8	108.3	77	252.6	2.38	7.8	40	12.90	15							
IS40/130	2900	18	5.0	79.3	26	85.3	1.4	4.6	61	2.09	3							
		30	8.3	132.1	24.5	80.4	2.5	8.2	75.5	2.65	4	Y112M-2 4kW	139					
		36	10.0	158.5	23	75.5	3.5	11.5	77.5	2.91	4							
IS40/130A	2900	16.8	4.7	74.0	22.5	73.8	1.8	5.9	59	1.74	2.2							
		28	7.8	123.3	21	68.9	2	6.6	70	2.29	3	Y112M-2 4kW	130	65	40	/	65	30
		33.6	9.3	147.9	20	65.6	2.25	7.4	72	2.54	4							
IS40/130B	2900	15.6	4.3	68.7	18.5	60.7	1.8	5.9	53	1.48	1.5							
		26	7.2	114.5	17.5	57.4	1.9	6.2	65	1.91	3	Y100L-2 3kW	120					
		31.2	8.7	137.4	16.5	54.1	2.15	7.1	65	2.16	3							
IS40/160	2900	18	5.0	79.3	41	134.5	2.7	8.9	54	3.72	5.5							
		30	8.3	132.1	38.5	126.3	3.2	10.5	64	4.91	7.5	Y132S2-2 7.5kW	174					
		36	10.0	158.5	35.5	116.5	3.7	12.1	64.5	5.40	7.5							
IS40/160A	2900	17.1	4.8	75.3	36	118.1	2.1	6.9	52	3.22	4							
		28.5	7.9	125.5	33.5	109.9	2.5	8.2	65	4.00	5.5	Y132S1-2 5.5kW	165	65	40	/	65	36
		34.2	9.5	150.6	31	101.7	3.25	10.7	62	4.66	5.5							
IS40/160B	2900	15.9	4.4	70.0	31.5	103.3	2	6.6	48	2.84	4							
		26.5	7.4	116.7	29	95.1	2.4	7.9	59.5	3.52	4	Y112M-2 4kW	155					
		31.8	8.8	140.0	25.5	83.7	2.9	9.5	59	3.74	4							

IS 性能参数表Performance parameter table

泵规格 Type	转速n speed (r.p.m)	流量Q Capacity (m^3/h)	流量Q (l/s)	流量Q (USGPM)	扬程H Head (m)	扬程H (Feet)	必需汽蚀余量 (NPSH)r (m)	(NPSH)r (Feet)	效率 η (%)	功率 Power 轴功率 (KM)	功率 Power 电机 (KM)	出厂配套	叶轮外径 (mm)	泵口径 进口 (mm)	泵口径 出口 (mm)	锥管口径 吸入 (mm)	锥管口径 排出 (mm)	泵头重量 (kg)
IS 40/200	2900	18	5.0	79.3	64	210.0	1.85	6.1	48	6.54	7.5							
		30	8.3	132.1	61	200.1	2.7	8.9	59.5	8.38	11	Y160M1-2 11kW	214					
		36	10.0	158.5	58.5	191.9	3.2	10.5	62	9.25	11							
IS 40/200A	2900	17	4.7	74.8	58.5	191.9	1.8	5.9	48.5	5.58	7.5							
		29	8.1	127.7	56	183.7	1.95	6.4	61	7.25	11	Y160M1-2 11kW	205	65	40	/	65	44
		34.5	9.6	151.9	53.5	175.5	2.45	8.0	63	7.98	11							
IS 40/200B	2900	16.5	4.6	72.6	52.5	172.2	1.8	5.9	46	5.13	5.5							
		27.5	7.6	121.1	49	160.8	1.9	6.2	59	6.22	7.5	Y160M1-2 11kW	195					
		33	9.2	145.3	47	154.2	2.2	7.2	61	6.92	11							
IS 40/260	2900	21.6	6.0	95.1	98.5	323.2	1.5	4.9	45	12.88	15							
		36	10.0	158.5	95.5	313.3	2	6.6	56	16.72	18.5	Y180M-2 22kW	264					
		43.2	12.0	190.2	91	298.6	2.4	7.9	59	18.15	22							
IS 40/260A	2900	19.2	5.3	84.5	89	292.0	1.8	5.9	42	11.08	15							
		32	8.9	140.9	87	285.4	1.95	6.4	53	14.31	18.5	Y160L-2 18.5kW	255	65	40	/	65	61
		38.4	10.7	169.1	84	275.6	2.35	7.7	55	15.97	18.5							
IS 40/260B	2900	18.5	5.1	81.5	80	262.5	1.8	5.9	40	10.08	15							
		30.5	8.5	134.3	78	255.9	1.9	6.2	53	12.22	15	Y160L-2 18.5kW	245					
		37	10.3	162.9	76	249.3	2.2	7.2	54	14.18	18.5							
IS 40/320H	2900	21.6	6.0	95.1	150	492.1	2	6.6	34	25.95	30							
		36	10.0	158.5	139	456.0	2.8	9.2	44	30.97	37	Y200L2-2 37kW	329					
		43.2	12.0	190.2	127	416.7	3.8	12.5	45	33.20	37							
IS 40/320HA	2900	19.5	5.4	85.9	124	406.8	1.7	5.6	34	19.37	22							
		32.5	9.0	143.1	115	377.3	2.8	9.2	43	23.67	30	Y200L1-2 30kW	300	65	40	80	65	96
		38.5	10.7	169.5	107	351.0	3.8	12.5	44	25.50	30							
IS 40/320HB	2900	17.5	4.9	77.1	109	357.6	1.5	4.9	32	16.23	22							
		29	8.1	127.7	102	334.6	2.3	7.5	41	19.65	22	Y180M-2 22kW	280					
		34.5	9.6	151.9	95	311.7	3.2	10.5	42	21.25	22							
IS50/130	2900	36	10.0	158.5	26	85.3	2.4	7.9	67.5	3.78	5.5							
		60	16.7	264.2	23.5	77.1	3.3	10.8	76	5.05	5.5	Y132S2-2 7.5kW	139					
		72	20.0	317.0	21.5	70.5	3.9	12.8	74.5	5.66	7.5							
IS 50/130A	2900	33.5	9.3	147.5	21.5	70.5	2.5	8.2	64.5	3.04	4							
		56	15.6	246.6	18.5	60.7	3.1	10.2	70.5	4.00	5.5	Y132S1-2 5.5kW	130	65	50	80	80	34
		67.5	18.8	297.2	15.5	50.9	3.6	11.8	65.5	4.35	5.5							
IS 50/130B	2900	31	8.6	136.5	18.5	60.7	2.5	8.2	61	2.56	3							
		52	14.4	228.9	16.5	54.1	2.9	9.5	70	3.34	4	Y132S1-2 5.5kW	120					
		62	17.2	273.0	15	49.2	3.3	10.8	69	3.67	5.5							
IS 50/160	2900	40	11.1	176.1	42.5	139.4	2	6.6	68.5	6.76	11							
		65	18.1	286.2	39	128.0	3.5	11.5	76	9.08	11	Y160M1-2 11kW	174					
		78	21.7	343.4	35.5	116.5	4.7	15.4	73.5	10.26	11							
IS 50/160A	2900	37	10.3	162.9	38	124.7	2.5	8.2	70	5.47	7.5							
		61.5	17.1	270.8	34.5	113.2	3.3	10.8	76	7.60	11	Y160M1-2 11kW	165	65	50	80	80	38
		74	20.6	325.8	30	98.4	3.9	12.8	74	8.17	11							
IS50/160B	2900	34.8	9.7	153.2	34	111.5	2.35	7.7	71	4.54	7.5							
		58	16.1	255.4	30.5	100.1	3.1	10.2	75	6.42	11	Y160M1-2 11kW	155					
		69.5	19.3	306.0	28	91.9	3.7	12.1	73	7.26	11							
IS 50/200	2900	36	10.0	158.5	61	200.1	1.9	6.2	64	9.34	15							
		60	16.7	264.2	55	180.4	3.2	10.5	70	12.84	15	Y160L-2 18.5kW	214					
		72	20.0	317.0	51	167.3	4.1	13.5	69.5	14.39	18.5			65	50	80	80	46
IS 50/200A	2900	34.5	9.6	151.9	57	187.0	2.5	8.2	60	8.93	11							
		57.5	16.0	253.2	53	173.9	3.1	10.2	72	11.53	15	Y160M2-2 15kW	205					
		69	19.2	303.8	50.5	165.7	3.75	12.3	73	13.00	15							
IS 50/200B	2900	33	9.2	145.3	49.5	162.4	2.5	8.2	62	7.18	11							
		54.5	15.1	240.0	43	141.1	3	9.8	68	9.39	15	Y160M2-2 15kW	195	65	50	80	80	46
		65.5	18.2	288.4	38	124.7	3.5	11.5	66	10.27	15							

IS 性能参数表Performance parameter table

泵规格 Type	转速n speed (r.p.m)	流量Q Capacity (m³/h)	流量Q (l/s)	流量Q (USGPM)	扬程H Head (m)	扬程H (Feet)	必需汽蚀余量 (NPSH)r (m)	(NPSH)r (Feet)	效率 η (%)	功率 Power 轴功率 (KM)	功率 电机 (KM)	出厂配套	叶轮外径 (mm)	泵口径 进口 (mm)	泵口径 出口 (mm)	锥管口径 吸入 (mm)	锥管口径 排出 (mm)	泵头重量 (kg)
IS50/260 IS50/260G	2900	40	11.1	176.1	103	337.9	2.2	7.2	54	20.78	30	Y200L2-2 37kW	264					
		65	18.1	286.2	97.5	319.9	4	13.1	63.5	27.18	30							
		78	21.7	343.4	91	298.6	4.9	16.1	63	30.68	37							
IS50/260AX S50/260GA	2900	38.5	10.7	169.5	91.5	300.2	2.4	7.9	50	19.19	22	Y200L1-2 30kW	255	65	50	80	80	63
		63	17.5	277.4	85.5	280.5	3.3	10.8	60	24.45	30							
		75.5	21.0	332.4	80	262.5	3.9	12.8	61.5	26.75	30							
IS50/260B IS50/260GB	2900	37	10.3	162.9	84	275.6	2.3	7.5	50	16.93	18.5	Y200L1-2 30kW	245					
		60.5	16.8	266.4	77	252.6	3.2	10.5	60	21.14	30							
		72.5	20.1	319.2	71	232.9	3.9	12.8	58	24.17	30							
IS50/320H	2900	54	15.0	237.8	146	479.0	3.5	11.5	53	40.51	45	Y280S-2 75kW	329					
		90	25.0	396.3	137	449.5	7	23.0	61	55.05	75							
		108	30.0	475.5	130	426.5	8	26.2	62	61.67	75							
IS50/320HA	2900	48.5	13.5	213.5	130	426.5	3.3	10.8	50	34.34	45	Y280S-2 75kW	300	65	50	80	80	101
		81	22.5	356.6	124	406.8	6.5	21.3	60	45.59	55							
		97	26.9	427.1	117	383.9	7.5	24.6	61	50.67	75							
IS50/320HB	2900	46.5	12.9	204.7	105	344.5	2.5	8.2	52	25.57	30	Y225M-2 45kW	280					
		78	21.7	343.4	98	321.5	5	16.4	59.5	34.99	45							
		93	25.8	409.5	91	298.6	6.5	21.3	59	39.06	45							
IS65/130	2900	60	16.7	264.2	25.5	83.7	2.6	8.5	66.5	6.27	7.5	Y160M1-2 11kW	139					
		100	27.8	440.3	21	68.9	3.9	12.8	70	8.17	11							
		120	33.3	528.3	16	52.5	4.8	15.7	59	8.86	11							
IS65/130A	2900	56	15.6	246.6	21.8	71.5	3	9.8	65	5.11	7.5	Y160M1-2 11kW	130	80	65	100	100	39
		93.5	26.0	411.7	17.5	57.4	3.5	11.5	70	6.37	11							
		112.5	31.3	495.3	13	42.7	4.1	13.5	57	6.99	11							
IS65/130B	2900	52	14.4	228.9	18	59.1	3	9.8	62.5	4.08	5.5	Y132S2-2 7.5kW	120					
		86.5	24.0	380.8	13.7	44.9	3.3	10.8	66	4.89	7.5							
		104	28.9	457.9	10.6	34.8	3.75	12.3	57	5.27	7.5							
IS65/160	2900	64.5	17.9	284.0	39	128.0	3.2	10.5	69	9.93	15	Y160L-2 18.5kW	174					
		108	30.0	475.5	33.5	109.9	4.2	13.8	77.5	12.71	15							
		129.5	36.0	570.2	29	95.1	5	16.4	72	14.20	18.5							
IS65/160A	2900	57	15.8	251.0	34	111.5	3.6	11.8	63	8.38	11	Y160M2-2 15kW	165	80	65	100	100	43
		95	26.4	418.3	30.5	100.1	4.1	13.5	74	10.66	15							
		114	31.7	501.9	27	88.6	4.8	15.7	71	11.81	15							
IS65/160B	2900	53.5	14.9	235.6	30	98.4	3.6	11.8	60	7.28	11	Y160M1-2 11kW	155					
		89	24.7	391.9	25.5	83.7	3.95	13.0	70	8.83	11							
		107	29.7	471.1	22.5	73.8	4.5	14.8	69	9.50	11							
IS65/200 IS65/200G	2900	66	18.3	290.6	64	210.0	2.2	7.2	65	17.70	22	Y200L1-2 30kW	214					
		110	30.6	484.3	59	193.6	4.2	13.8	74.5	23.72	30							
		132	36.7	581.2	54.5	178.8	6.2	20.3	73.5	26.66	30							
IS65/200A IS65/200GA	2900	63	17.5	277.4	60	196.9	3	9.8	64	16.08	18.5	Y200L1-2 30kW	205	80	65	125	100	70
		105.5	29.3	464.5	55.5	182.1	3.75	12.3	74	21.55	30							
		126.5	35.1	557.0	52	170.6	4.85	15.9	73.5	24.37	30							
IS65/200B IS65/200GB	2900	60	16.7	264.2	50	164.0	3	9.8	62	13.18	18.5	Y180M-2 22kW	195					
		100	27.8	440.3	45.5	149.3	3.6	11.8	75.5	16.41	22							
		120	33.3	528.3	42	137.8	4.4	14.4	75	18.30	22							
IS65/260	2900	72	20.0	317.0	98	321.5	3.3	10.8	64.5	29.79	37	Y250M-2 55kW	264					
		120	33.3	528.3	90	295.3	4.5	14.8	73	40.29	45							
		144	40.0	634.0	83	272.3	5.4	17.7	73	44.59	55							
IS65/260A	2900	69.5	19.3	306.0	92	301.8	3.25	10.7	65	26.79	37	Y225M-2 45kW	255	80	65	125	100	81
		116	32.2	510.7	86	282.2	4.4	14.4	70	38.81	45							
		139	38.6	612.0	79	259.2	4.95	16.2	72	41.53	45							
IS65/260B	2900	67	18.6	295.0	82.5	270.7	3.2	10.5	63	23.89	30	Y225M-24 5kW	245					
		111.5	31.0	490.9	76	249.3	4.25	13.9	71	32.50	37							
		133.5	37.1	587.8	71	232.9	4.95	16.2	70	36.88	45							

IS 性能参数表Performance parameter table

泵规格 Type	转速n speed (r.p.m)	流量Q Capacity (m³/h)	流量Q (l/s)	流量Q (USGPM)	扬程H Head (m)	扬程H (Feet)	必需汽蚀余量 (NPSH)r (m)	(NPSH)r (Feet)	效率 η (%)	功率 Power 轴功率 (KM)	功率 电机 (KM)	出厂配套	叶轮外径 (mm)	泵口径 进口 (mm)	泵口径 出口 (mm)	锥管口径 吸入 (mm)	锥管口径 排出 (mm)	泵头重量 (kg)
IS65/320H	2900	81	22.5	356.6	147	482.3	3.8	12.5	54	60.05	75	Y315S-2 110kW	329					
		135	37.5	594.4	131	429.8	4.4	14.4	63	76.45	90							
		162	45.0	713.3	115	377.3	5.5	18.0	60	84.56	110							
IS65/320HA	2900	75	20.8	330.2	120	393.7	3.7	12.1	55	44.56	55	Y280M-2 90kW	300	80	65	125	100	110
		125	34.7	550.4	108	354.3	4.3	14.1	62	59.30	75							
		150	41.7	660.4	97	318.2	5.2	17.1	58	68.32	90							
IS65/3 IS20HB	2900	69	19.2	303.8	107	351.0	3.5	11.5	59	34.08	45	Y280S-2 75kW	280					
		115	31.9	506.3	94	308.4	4.3	14.1	61	48.26	55							
		138	38.3	607.6	83	272.3	4.8	15.7	54	57.76	75							
IS80/160 IS80/160G	2900	100	27.8	440.3	39.5	129.6	3.3	10.8	71	15.15	18.5	Y200L1-2 30kW	174					
		162	45.0	713.3	35	114.8	4.3	14.1	78	19.80	22							
		195	54.2	858.6	31	101.7	5.2	17.1	75	21.95	30							
IS80/160A IS80/160GA	2900	95	26.4	418.3	33	108.3	3.3	10.8	65	13.13	18.5	Y180M-2 22kW	165	100	80	150	125	54
		153.5	42.6	675.8	28	91.9	3.85	12.6	72	16.26	18.5							
		185	51.4	814.5	24	78.7	4.6	15.1	68	17.78	22							
IS80/160BX S80/160GB	2900	89	24.7	391.9	29.5	96.8	3.25	10.7	64	11.17	15	Y160L-2 18.5kW	155					
		144.5	40.1	636.2	25	82.0	3.7	12.1	74	13.29	15							
		174	48.3	766.1	21	68.9	4.3	14.1	70	14.22	18.5							
IS80/200	2900	115	31.9	506.3	60	196.9	3.2	10.5	70	26.84	37	Y225M-2 45kW	214					
		190	52.8	836.5	55	180.4	5.1	16.7	78	36.49	45							
		225	62.5	990.6	50	164.0	6.5	21.3	74.5	41.12	45							
IS80/200A	2900	110	30.6	484.3	57	187.0	4	13.1	68	25.11	30	Y225M-2 45kW	205	100	80	150	125	70
		182	50.6	801.3	53.5	175.5	4.9	16.1	77	34.44	37							
		215.5	59.9	948.8	44.5	146.0	5.85	19.2	70	37.31	45							
IS80/200B	2900	105	29.2	462.3	49.5	162.4	4	13.1	68	20.82	30	Y200L2-2 37kW	195					
		173	48.1	761.7	45	147.6	4.7	15.4	76	27.90	30							
		205	56.9	902.6	40	131.2	5.5	18.0	70	31.90	37							
IS80/260	2900	115	31.9	506.3	97	318.2	3.8	12.5	65	46.74	55	Y280S-2 75kW	264					
		190	52.8	836.5	88	288.7	6.1	20.0	75	60.71	75							
		225	62.5	990.6	81	265.7	8	26.2	73.5	67.53	75							
IS80/260A	2900	111	30.8	488.7	91.5	300.2	3.95	13.0	63	43.90	55	Y280S-2 75kW	255	100	80	150	125	91
		183.5	51.0	807.9	81.5	267.4	5.2	17.1	75	54.30	75							
		217.5	60.4	957.6	73	239.5	6.25	20.5	73	59.23	75							
IS80/260B	2900	106.5	29.6	468.9	79	259.2	3.9	12.8	61	37.56	45	Y280S-2 75kW	245					
		176.5	49.0	777.1	68.5	224.7	5	16.4	73	45.10	55							
		209	58.1	920.2	60	196.9	6	19.7	71	48.10	75							
IS80/320H	2900	126	35.0	554.8	146	479.0	5.6	18.4	64	78.28	90	Y315M-2 132kW	329					
		210	58.3	924.6	134	439.6	6.3	20.7	74	103.56	132							
		252	70.0	1109.5	121	397.0	7	23.0	73	113.75	132			100	80	150	125	120
IS80/320HA	2900	117	32.5	515.1	125	410.1	6.1	20.0	62	64.24	75	Y315S-2 110kW	300					
		195	54.2	858.6	114	374.0	6.3	20.7	73	82.93	90							
		234	65.0	1030.3	103	337.9	6.9	22.6	72	91.16	110							
IS80/320HB	2900	108	30.0	475.5	104	341.2	5	16.4	64	47.79	55	Y280M-2 90kW	280	100	80	150	125	120
		180	50.0	792.5	95	311.7	5.8	19.0	73	63.79	75							
		216	60.0	951.0	85	278.9	6.3	20.7	70	71.43	90							
IS100/200	2900	180	50.0	792.5	61	200.1	4	13.1	72	41.53	55	Y280S-2 75kW	214					
		295	81.9	1298.8	51.5	169.0	5.8	19.0	79	52.37	75							
		340	94.4	1497.0	42	137.8	7	23.0	74	52.55	75							
IS100/200A	2900	172.5	47.9	759.5	51	167.3	3.95	13.0	69	34.72	45	Y250M-2 55kW	205	125	100	200	150	85
		273	75.8	1202.0	42	137.8	4.9	16.1	74	42.20	55							
		325.5	90.4	1433.1	36	118.1	5.95	19.5	69	46.25	55							
IS100/200B	2900	164	45.6	722.1	46	150.9	3.9	12.8	68	30.21	37	Y225M-2 45kW	195					
		260	72.2	1144.7	35	114.8	4.8	15.7	70	35.40	45							
		310	86.1	1364.9	31	101.7	5.6	18.4	67	39.06	45							

IS 性能参数表Performance parameter table

泵规格 Type	转速n speed (r.p.m)	流量Q Capacity (m^3/h)	(l/s)	(USGPM)	扬程H Head (m)	(Feet)	必需汽蚀余量 (NPSH)r (m)	(Feet)	效率 η (%)	功率 Power (KM) 轴功率	电机	出厂配套	叶轮外径 (mm)	泵口径 (mm) 进口	出口	锥管口径 (mm) 吸入	排出	泵头重量 (kg)
		190	52.8	836.5	97	318.2	3.7	12.1	71	70.69	90							
IS 100/260	2900	295	81.9	1298.8	86	282.2	5.5	18.0	76	90.91	110	Y315S-2 110kW	264					
		350	97.2	1541.0	80	262.5	7.5	24.6	74	103.04	110							
		183.5	51.0	807.9	85.5	280.5	3.75	12.3	69	61.92	75							
IS100/260A	2900	285	79.2	1254.8	75	246.1	5	16.4	74	78.66	90	Y315S-2 110kW	255	125	100	200	150	115
		338	93.9	1488.2	66	216.5	6.2	20.3	71	85.57	110							
		177	49.2	779.3	76	249.3	3.7	12.1	67	54.68	75							
IS100/260B	2900	274	76.1	1206.4	66	216.5	4.8	15.7	72	68.40	90	Y280M-2 90kW	245					
		325	90.3	1430.9	58	190.3	5.9	19.4	68	75.49	90							
		4.5	1.3	19.8	6	19.7	0.62	2.0	35	0.21	0.55							
IS32/130	1450	7.5	2.1	33.0	5.5	18.0	0.75	2.5	46	0.24	0.55	Y801-4 0.55kW	139	50	32	/	/	27.5
		9	2.5	39.6	5	16.4	0.9	3.0	49	0.25	0.55							
		5.4	1.5	23.8	9.5	31.2	0.7	2.3	42	0.33	0.55							
IS32/160	1450	9	2.5	39.6	9	29.5	1	3.3	48	0.46	0.55	Y801-4 0.55kW	174	50	32	/	/	35
		10.8	3.0	47.6	8.3	27.2	1.4	4.6	49.5	0.49	0.55							
		6	1.7	26.4	16.3	53.5	0.8	2.6	40	0.67	0.75							
IS32/200	1450	9	2.5	39.6	15.4	50.5	1	3.3	48	0.79	1.1	Y90S-4 1.1kW	214	50	32	/	/	41
		10.8	3.0	47.6	14.5	47.6	1.2	3.9	51	0.84	1.1							
		7.2	2.0	31.7	25	82.0	0.85	2.8	30	1.63	2.2							
IS32/260	1450	12	3.3	52.8	23.5	77.1	1.6	5.2	39.5	1.94	3	Y100L2-4 3kW	264	50	32	/	/	59
		14.4	4.0	63.4	22	72.2	2.3	7.5	42	2.05	3							
		10.8	3.0	47.6	6.5	21.3	0.6	2.0	57	0.34	0.55							
IS40/130	1450	18	5.0	79.3	5.8	19.0	0.9	3.0	67	0.42	0.55	Y801-4 0.55kW	139	65	40	/	/	30
		21.6	6.0	95.1	5.4	17.7	1.3	4.3	67	0.47	0.55							
		10.8	3.0	47.6	10.2	33.5	0.9	3.0	55	0.55	0.75							
IS40/160	1450	18	5.0	79.3	8.8	28.9	1.4	4.6	62	0.70	1.1	Y90S-4 1.1kW	174	65	40	/	/	36
		21.6	6.0	95.1	7.8	25.6	1.8	5.9	60	0.76	1.1							
		10.8	3.0	47.6	16.2	53.1	1.1	3.6	50	0.95	1.1							
IS40/200	1450	18	5.0	79.3	14	45.9	1.3	4.3	56	1.23	1.5	Y90L-4 1.5kW	214	65	40	/	/	44
		21.6	6.0	95.1	12.4	40.7	1.5	4.9	55	1.33	1.5							
		12.6	3.5	55.5	24	78.7	0.85	2.8	42	1.96	2.2							
IS40/260	1450	21	5.8	92.5	22	72.2	1.3	4.3	52	2.42	3	Y100L2-4 3kW	264	65	40	/	65	61
		25.2	7.0	111.0	20	65.6	1.8	5.9	52.5	2.61	3							
		10.5	2.9	46.2	38	124.7	0.9	3.0	30	3.62	4							
IS40/320	1450	17	4.7	74.8	37.5	123.0	1.3	4.3	42	4.13	5.5	Y132S-4 5.5kW	329					
		20.5	5.7	90.3	37	121.4	1.6	5.2	45	4.59	5.5							
		10	2.8	44.0	34.5	113.2	3.3	10.8	30.5	3.08	4							
IS40/320A	1450	16.5	4.6	72.6	32	105.0	2	6.6	38.5	3.73	5.5	Y132S-4 5.5kW	315	65	40	/	65	96
		20	5.6	88.1	29	95.1	2.9	9.5	37.5	4.21	5.5							
		9	2.5	39.6	31	101.7	3.6	11.8	29	2.62	4							
IS40/320B	1450	14.4	4.0	63.4	29	95.1	2	6.6	37	3.07	4	Y132S-4 5.5kW	300					
		18	5.0	79.3	26	85.3	2.7	8.9	36	3.54	5.5							
		18	5.0	79.3	6.6	21.7	1.2	3.9	60	0.54	0.75							
IS50/130	1450	30	8.3	132.1	6.3	20.7	1.6	5.2	75.5	0.68	0.75	Y90S-4 1.1kW	139	65	50	80	65	34
		36	10.0	158.5	5.7	18.7	1.9	6.2	74	0.76	1.1							
		19.2	5.3	84.5	10.4	34.1	1.25	4.1	64	0.85	1.1							
IS50/160	1450	32	8.9	140.9	9.8	32.2	1.7	5.6	75	1.14	1.5	Y90L-4 1.5kW	174	65	50	80	65	38
		38.4	10.7	169.1	9.4	30.8	2	6.6	74.5	1.32	1.5							
		18	5.0	79.3	16	52.5	1.4	4.6	58	1.35	1.5							
IS50/200	1450	30	8.3	132.1	14	45.9	1.8	5.9	64	1.79	2.2	Y100L1-4 2.2kW	214	65	50	80	65	46
		36	10.0	158.5	13.5	44.3	2.1	6.9	65	2.04	2.2							
		19	5.3	83.7	25	82.0	0.9	3.0	52.5	2.46	3							
IS 50/260	1450	32	8.9	140.9	24	78.7	1.5	4.9	64.5	3.24	4	Y132S-4 5.5kW	264	65	50	80	65	63
		38	10.6	167.3	23	75.5	2	6.6	66.5	3.58	5.5							

IS series
IS 卧式单级端吸离心泵
IS type horizontal single stage end suction centrifugal pump

Freida
氟瑞达泵阀

IS 性能参数表Performance parameter table

泵规格 Type	转速n speed (r.p.m)	流量Q Capacity (m^3/h)	(l/s)	(USGPM)	扬程H Head (m)	(Feet)	必需汽蚀余量 (NPSH)r (m)	(Feet)	效率 η (%)	功率 Power (KM) 轴功率	电机	出厂配套	叶轮外径 (mm)	泵口径 (mm) 进口	出口	锥管口径 (mm) 吸入	排出	泵头重量 (kg)
		24	6.7	105.7	37	121.4	2	6.6	47	5.15	7.5							
IS 50/320	1450	40	11.1	176.1	34	111.5	2.3	7.5	58	6.39	7.5	Y160M-4 11kW	329					
		48	13.3	211.3	32	105.0	2.5	8.2	59	7.09	11							
		23	6.4	101.3	32.5	106.6	2	6.6	45	4.52	5.5							
IS50/320A	1450	38.5	10.7	169.5	30.5	100.1	2.4	7.9	56	5.71	7.5	Y132M-4 7.5kW	315	65	50	80	65	101
		46	12.8	202.5	28.5	93.5	3	9.8	55	6.49	7.5							
		22	6.1	96.9	29.5	96.8	2	6.6	42	4.21	5.5							
IS50/320B	1450	36.5	10.1	160.7	27.5	90.2	2.3	7.5	54	5.06	7.5	Y132M-4 7.5kW	300					
		44	12.2	193.7	26	85.3	2.8	9.2	55	5.66	7.5							
		21.6	6.0	95.1	6.7	22.0	1.2	3.9	50	0.79	1.1							
IS65/130	1450	36	10.0	158.5	6.4	21.0	1.35	4.4	66	0.95	1.1	Y90L-4 1.5kW	139	80	65	100	80	39
		43.2	12.0	190.2	6	19.7	1.5	4.9	69	1.02	1.5							
		32.4	9.0	142.7	10	32.8	1.1	3.6	64	1.38	2.2							
IS65/160	1450	54	15.0	237.8	9.2	30.2	1.3	4.3	78	1.73	2.2	Y100L1-4 2.2kW	174	80	65	100	80	43
		64.8	18.0	285.3	8.4	27.6	1.5	4.9	81.5	1.82	2.2							
		35	9.7	154.1	16.4	53.8	1.8	5.9	66	2.37	3							
IS65/200	1450	55	15.3	242.2	15	49.2	2.4	7.9	76.5	2.94	4	Y112M-4 4kW	214	80	65	125	80	70
		66	18.3	290.6	13.5	44.3	2.7	8.9	77.5	3.13	4							
		43.2	12.0	190.2	25.3	83.0	1.7	5.6	66.5	4.48	5.5							
IS 65/260	1450	72	20.0	317.0	21.5	70.5	2.5	8.2	73.5	5.74	7.5	Y132M-4 7.5kW	264	80	65	125	80	81
		86.4	24.0	380.4	18.5	60.7	3.2	10.5	68	6.40	7.5							
		43.2	12.0	190.2	37.5	123.0	0.7	2.3	59	7.48	11							
IS65/320	1450	72	20.0	317.0	33	108.3	1.6	5.2	67	9.66	15	Y160L-4 15kW	329			125	80	110
		86.4	24.0	380.4	29	95.1	2.4	7.9	65	10.50	15							
		37	10.3	162.9	34.5	113.2	1.9	6.2	55	6.32	11							
IS65/320A	1450	62	17.2	273.0	32	105.0	2	6.6	65	8.31	11	Y160M-4 11kW	315	80	65			
		74.5	20.7	328.0	28	91.9	2.3	7.5	62	9.16	11					125	80	110
		34	9.4	149.7	30.5	100.1	2	6.6	47	6.01	7.5							
IS 65/320B	1450	56.5	15.7	248.8	28	91.9	2	6.6	59	7.30	11	Y160M-4 11kW	300					
		68	18.9	299.4	25.5	83.7	2.1	6.9	59	8.00	11							
		48	13.3	211.3	10.5	34.4	1.7	5.6	62.5	2.20	3							
IS80/160	1450	80	22.2	352.2	10	32.8	2.1	6.9	76	2.87	4	Y112M-4 4kW	174	100	80	150	100	54
		96	26.7	422.7	9.3	30.5	2.4	7.9	77	3.16	4							
		63	17.5	277.4	15.7	51.5	1.8	5.9	75	3.59	5.5							
IS80/200	1450	105	29.2	462.3	14	45.9	2.6	8.5	82	4.88	7.5	Y132M-4 7.5kW	214	100	80	150	100	70
		126	35.0	554.8	12.8	42.0	3.4	11.2	78	5.63	7.5							
		63	17.5	277.4	24	78.7	1.3	4.3	70	5.88	7.5							
IS 80/260	1450	105	29.2	462.3	21	68.9	1.9	6.2	76	7.90	11	Y160M-4 11kW	264	100	80	150	100	91
		126	35.0	554.8	18.5	60.7	2.3	7.5	72	8.82	11							
		60	16.7	264.2	36	118.1	1.9	6.2	62.5	9.41	15							
IS 80/320	1450	100	27.8	440.3	33	108.3	2	6.6	71	12.66	15	Y180M-4 18.5kW	329					
		120	33.3	528.3	30	98.4	2.6	8.5	69.5	14.11	18.5							
		57.5	16.0	253.2	34	111.5	1.9	6.2	58	9.18	11							
IS80/320A	1450	95.5	26.5	420.5	29.5	96.8	2	6.6	69	11.12	15	"Y160L-4 15kW	315	100	80	125	100	120
		114.5	31.8	504.1	26	85.3	2.3	7.5	68	11.92	15							
		54.5	15.1	240.0	30.5	100.1	1.9	6.2	56	8.08	11							
IS80/320B	1450	91	25.3	400.7	27.5	90.2	2	6.6	67	10.17	15	Y160L-4 15kW	300					
		109	30.3	479.9	25	82.0	2.2	7.2	66	11.24	15							
		60	16.7	264.2	59	193.6	1.5	4.9	55.5	17.37	22							
IS80/400	1450	100	27.8	440.3	55.5	182.1	2.3	7.5	65.5	23.08	30	Y200L-4 30kW	409					
		120	33.3	528.3	52.5	172.2	2.5	8.2	66.5	25.80	30							
		59	16.4	259.8	55	180.4	2.2	7.2	55	16.07	22		100	80	125	100	161
IS 80/400A	1450	96.5	26.8	424.9	52.5	172.2	2.4	7.9	64	21.56	30	Y200L-4 30kW	395					
		116	32.2	510.7	49	160.8	3.2	10.5	63	24.57	30							

IS 性能参数表Performance parameter table

泵规格 Type	转速n speed	流量Q Capacity			扬程H Head		必需汽蚀余量 (NPSH)r		效率 η	功率 Power		出厂配套	叶轮外径	泵口径		锥管口径		泵头重量
										轴功率	电机			进口	出口	吸入	排出	
	(r.p.m)	(m^3/h)	(l/s)	(USGPM)	(m)	(Feet)	(m)	(Feet)	(%)	(KM)			(mm)	(mm)		(mm)		(kg)
IS80/400B	1450	56	15.6	246.6	51	167.3	2.2	7.2	54	14.40	18.5	Y200L-4 30kW	380	100	80	125	100	161
		93	25.8	409.5	49	160.8	2.4	7.9	66	18.80	22							
		111.5	31.0	490.9	47	154.2	3	9.8	68	20.99	30							
IS 100/200	1450	90	25.0	396.3	15	49.2	1.3	4.3	80	4.60	7.5	Y160M-4 11kW	214	125	100	200	125	85
		142	39.4	625.2	12.7	41.7	1.8	5.9	82	5.99	7.5							
		170	47.2	748.5	10.5	34.4	2	6.6	74.5	6.52	11							
IS 100/260	1450	99	27.5	435.9	24	78.7	1.5	4.9	76	8.51	11	Y160L-4 15kW	264	125	100	200	125	115
		165	45.8	726.5	21	68.9	2.3	7.5	81.5	11.58	15							
		198	55.0	871.8	19	62.3	2.8	9.2	75	13.66	15							
IS 100/320	1450	81	22.5	356.6	39	128.0	1.1	3.6	72	11.95	15	Y180L-4 22kW	329	125	100	150	125	134
		135	37.5	594.4	33.5	109.9	1.6	5.2	80	15.40	22							
		162	45.0	713.3	30	98.4	1.9	6.2	76.5	17.30	22							
IS100/320A	1450	77.5	21.5	341.2	34	111.5	2	6.6	70	10.25	15	Y180M-4 18.5kW	315					
		130	36.1	572.4	29.5	96.8	2	6.6	76	13.74	18.5							
		155	43.1	682.4	26.5	86.9	2.18	7.2	73	15.32	18.5							
IS 100/320B	1450	73.5	20.4	323.6	30	98.4	2	6.6	67	8.96	15	Y160L-4 15kW	300					
		123	34.2	541.6	27	88.6	2	6.6	76	11.90	15							
		147.5	41.0	649.4	23	75.5	2.1	6.9	71	13.01	15							
IS 100/400	1450	90	25.0	396.3	58.8	192.9	0.9	3.0	60.5	23.82	30	Y225S-4 37kW	409	125	100	150	125	174
		150	41.7	660.4	51	167.3	1.6	5.2	67.5	30.86	37							
		180	50.0	792.5	44	144.4	2.1	6.9	64.5	33.44	45							
IS 100/400A	1450	87	24.2	383.0	54	177.2	1.7	5.6	56	22.85	30	Y225M-4 45kW	395					
		145	40.3	638.4	48	157.5	2	6.6	66	28.72	37							
		175	48.6	770.5	42	137.8	2.5	8.2	66.4	30.15	37							
IS 100/400B	1450	84	23.3	369.8	49.5	162.4	1.7	5.6	54	20.97	30	Y225S-4 37kW	380					
		139.5	38.8	614.2	45	147.6	1.9	6.2	64	26.71	37							
		167.5	46.5	737.5	41	134.5	2.4	7.9	64	29.22	37							
IS 125/200	1450	115	31.9	506.3	15.2	49.9	2.6	8.5	62	7.68	11	Y160M-4 11kW	214	150	125	200	150	106
		190	52.8	836.5	13	42.7	3.5	11.5	77	8.74	11							
		230	63.9	1012.7	11.5	37.7	4	13.1	76.5	9.42	11							
IS125/260	1450	144	40.0	634.0	24.2	79.4	1.5	4.9	74	12.82	18.5	Y180L-4 22kW	264	150	125	200	150	115
		240	66.7	1056.7	21	68.9	2.4	7.9	81	16.95	22							
		288	80.0	1268.0	17	55.8	2.8	9.2	72	18.52	22							
IS 125/260A	1450	139	38.6	612.0	21.3	69.9	2.3	7.5	68	11.86	15	Y180M-4 18.5kW	255					
		232	64.4	1021.5	18	59.1	2.5	8.2	79	14.40	18.5							
		278.5	77.4	1226.2	15.4	50.5	3	9.8	75	15.57	18.5							
IS 125/260B	1450	134	37.2	590.0	19.7	64.6	2.3	7.5	74	9.71	15	Y180M-4 18.5kW	245					
		223	61.9	981.8	16	52.5	2.4	7.9	76	12.79	18.5							
		267.5	74.3	1177.8	13.4	44.0	2.8	9.2	68	14.36	18.5							
IS 125/320	1450	120	33.3	528.3	35	114.8	1.3	4.3	67.5	16.95	22	Y200L-4 30kW	329	150	125	200	150	163
		200	55.6	880.6	32.5	106.6	2	6.6	79	22.41	30							
		240	66.7	1056.7	30	98.4	2.6	8.5	78	25.14	30							
IS 125/320A	1450	115	31.9	506.3	32.8	107.6	2.15	7.1	68	15.11	18.5	Y200L-4 30kW	315					
		191	53.1	840.9	29.5	96.8	1.95	6.4	77	19.93	30							
		229	63.6	1008.3	27.5	90.2	2.4	7.9	75	22.87	30							
IS 125/320B	1450	109	30.3	479.9	29	95.1	2.2	7.2	72.5	11.87	18.5	Y180L-4 22kW	300					
		182	50.6	801.3	25.2	82.7	2	6.6	76	16.43	22							
		218.5	60.7	962.0	23	75.5	2.2	7.2	74	18.49	22							
IS 125/400	1450	144	40.0	634.0	59.5	195.2	1.3	4.3	77	30.30	45	Y280S-4 75kW	409	150	125	200	150	181
		245	68.1	1078.7	52	170.6	2.1	6.9	76.5	45.35	55							
		300	83.3	1320.9	45	147.6	2.8	9.2	70.5	52.15	75							
IS 125/400A	1450	139	38.6	612.0	53.5	175.5	2.2	7.2	64.5	31.40	37	Y250M-4 55kW	395					
		236.5	65.7	1041.3	46	150.9	2.4	7.9	74	40.04	55							
		289	80.3	1272.4	38.5	126.3	3	9.8	67	45.23	55							

IS series
IS 卧式单级端吸离心泵
IS type horizontal single stage end suction centrifugal pump

IS 性能参数表Performance parameter table

泵规格 Type	转速n speed	流量Q Capacity			扬程H Head		必需汽蚀余量 (NPSH)r		效率 η	功率 Power		出厂配套	叶轮外径	泵口径		锥管口径		泵头重量
										轴功率	电机			进口	出口	吸入	排出	
	(r.p.m)	(m^3/h)	(l/s)	(USGPM)	(m)	(Feet)	(m)	(Feet)	(%)	(KM)			(mm)	(mm)		(mm)		(kg)
IS25/400B	1450	133.5	37.1	587.8	51	167.3	2.2	7.2	64	28.97	37	Y250M-4 55kW	380	150	125	200	150	181
		227.5	63.2	1001.7	40	131.2	2.3	7.5	70.5	35.15	45							
		278.5	77.4	1226.2	32.5	106.6	2.8	9.2	61	40.41	55							
IS 125/500	1450	150	41.7	660.4	83.5	274.0	2.3	7.5	63	54.14	75	Y315S-4 110kW	500	150	125	200	150	390
		250	69.4	1100.7	78	255.9	2.5	8.2	72	73.76	90							
		300	83.3	1320.9	72	236.2	2.6	8.5	65	90.50	110							
IS 125/500A	1450	135	37.5	594.4	78.5	257.5	1.8	5.9	60	48.10	55	Y280S-4 75kW	485					
		225	62.5	990.6	75	246.1	2.1	6.9	74	62.10	75							
		270	75.0	1188.8	71	232.9	2.5	8.2	76	68.69	75							
IS 125/500B	1450	120	33.3	528.3	75	246.1	1.6	5.2	54	45.39	55	Y280S-4 75kW	470					
		200	55.6	880.6	72	236.2	2	6.6	67	58.53	75							
		240	66.7	1056.7	69	226.4	2.4	7.9	70	64.43	75							
IS 125/500C	1450	90	25.0	396.3	67	219.8	1.6	5.2	50	32.84	37	Y250M-4 55kW	445					
		150	41.7	660.4	65.5	214.9	2	6.6	64	41.81	45							
		180	50.0	792.5	62	203.4	2.4	7.9	67	45.36	55							
IS 150/200	1450	216	60.0	951.0	14.4	47.2	3	9.8	70	12.10	15	Y180M-4 18.5kW	220	200	150	250	200	156
		360	100.0	1585.0	12.2	40.0	3.5	11.5	80	14.95	18.5							
		424.8	118.0	1870.3	10.3	33.8	4	13.1	77	15.47	18.5							
IS 150/200A	1450	172.8	48.0	760.8	13.4	44.0	2.8	9.2	68	9.27	15	Y160L-4 15kW	210	200	150	250	200	156
		288	80.0	1268.0	12	39.4	3.3	10.8	78	12.07	15							
		345.6	96.0	1521.6	10.5	34.4	3.8	12.5	76	13.00	15							
IS 150/260	1450	194	53.9	854.2	23.5	77.1	2.7	8.9	75	16.55	22	Y200L-4 30kW	264	200	150	250	200	148
		324	90.0	1426.5	20.5	67.3	3	9.8	82	22.06	30							
		414	115.0	1822.8	16	52.5	3.3	10.8	68	26.53	30							
IS 150/260A	1450	180	50.0	792.5	21.2	69.6	2.5	8.2	72	14.43	18.5	Y200L-4 30kW	255					
		300	83.3	1320.9	19	62.3	2.8	9.2	79.5	19.53	30							
		388.8	108.0	1711.8	14.5	47.6	3.1	10.2	68	22.58	30							
IS150/260B	1450	162	45.0	713.3	19	62.3	2.3	7.5	74	11.33	15	Y180L-4 22kW	240					
		270	75.0	1188.8	16.5	54.1	2.6	8.5	79	15.36	22							
		342	95.0	1505.8	12.5	41.0	3	9.8	68	17.12	22							
IS 150/320	1450	230	63.9	1012.7	36.5	119.8	2.3	7.5	74	30.89	37	Y250M-4 55kW	329	200	150	250	200	170
		370	102.8	1629.1	33	108.3	2.8	9.2	81	41.05	45							
		445	123.6	1959.3	28.5	93.5	3.2	10.5	75	46.05	55							
IS 150/320A	1450	220	61.1	968.6	33.5	109.9	2.8	9.2	72	27.88	37	Y225M-4 45kW	315					
		354	98.3	1558.6	29.5	96.8	3.1	10.2	79	36.00	45							
		426	118.3	1875.6	25	82.0	3.5	11.5	74	39.19	45							
IS 150/320B	1450	210	58.3	924.6	30	98.4	2.8	9.2	71	24.16	30	Y225S-4 37kW	300					
		350	97.2	1541.0	26	85.3	3	9.8	77	32.18	37							
		420	116.7	1849.2	22	72.2	3.3	10.8	73	34.47	37							
IS 150/400	1450	240	66.7	1056.7	58	190.3	2.4	7.9	75	50.54	75	Y280M-4 90kW	409	200	150	250	200	209
		385	106.9	1695.1	53.5	175.5	3	9.8	84	66.78	75							
		460	127.8	2025.3	49	160.8	3.6	11.8	83	73.96	90							
IS 150/400A	1450	232	64.4	1021.5	52	170.6	2.8	9.2	72	45.63	55	Y280S-4 75kW	395					
		372	103.3	1637.9	47.5	155.8	3.2	10.5	78	61.69	75							
		444	123.3	1954.9	42.5	139.4	3.6	11.8	77	66.74	75							
IS 150/400B	1450	223	61.9	981.8	48	157.5	2.8	9.2	70	41.64	55	Y280S-4 75kW	380					
		357.5	99.3	1574.0	43.5	142.7	3.1	10.2	76	55.72	75							
		427.5	118.8	1882.2	39	128.0	3.5	11.5	74	61.36	75							
IS 150/500	1450	300	83.3	1320.9	86.5	283.8	3.1	10.2	79	89.46	110	Y315L1-4 160kW	500	200	150	250	200	410
		500	138.9	2201.4	77.5	254.3	3.5	11.5	84	125.63	160							
		600	166.7	2641.7	69	226.4	3.8	12.5	81	139.19	160							
IS 150/500A	1450	270	75.0	1188.8	79.5	260.8	3	9.8	74	78.99	90	Y315M-4 132kW	485					
		450	125.0	1981.3	72	236.2	3.4	11.2	80	110.29	132							
		540	150.0	2377.5	63	206.7	3.6	11.8	77	120.32	132							

IS 性能参数表Performance parameter table

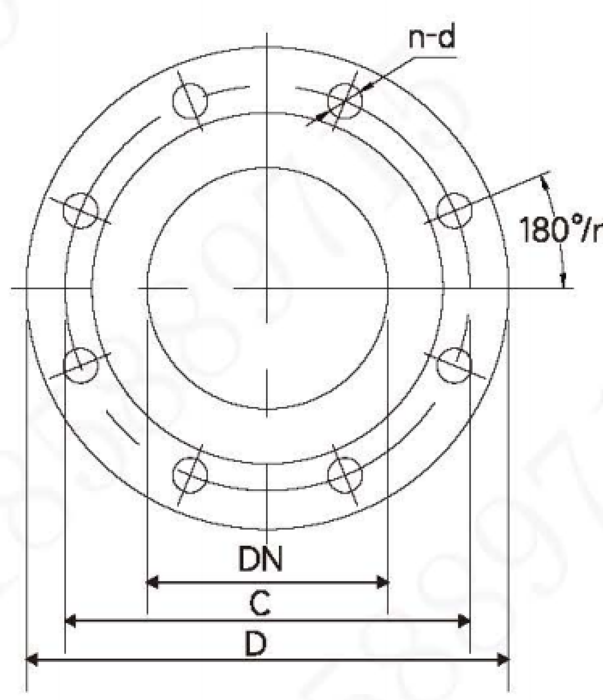
泵规格 Type	转速n speed	流量Q Capacity			扬程H Head		必需汽蚀余量 (NPSH)r		效率 η	功率 Power 轴功率	电机	出厂配套	叶轮外径	泵口径 进口	出口	锥管口径 吸入	排出	泵头重量
	(r.p.m)	(m³/h)	(l/s)	(USGPM)	(m)	(Feet)	(m)	(Feet)	(%)	(KM)			(mm)	(mm)		(mm)		(kg)
		240	66.7	1056.7	75.5	247.7	2.8	9.2	69	71.52	75							
IS150/500B	1450	400	111.1	1761.1	70	229.7	3.2	10.5	79	96.52	110	Y315M-4 132kW	470					
		480	133.3	2113.4	65	213.3	3.5	11.5	78	108.93	132			200	150	250	200	410
		210	58.3	924.6	68	223.1	2.6	8.5	67	58.04	75							
IS150/500C	1450	350	97.2	1541.0	63	206.7	3	9.8	77	77.99	90	Y315S-4 110kW	445					
		420	116.7	1849.2	60.5	198.5	3.3	10.8	76	91.05	110							
		259.2	72.0	1141.2	19.5	64.0	3	9.8	73	18.86	22							
IS200/260	1450	432	120.0	1902.0	15.2	49.9	3.2	10.5	82	21.81	30	Y200L-4 30kW	264					
		518.4	144.0	2282.4	12	39.4	3.2	10.5	74	22.89	30							
		248.4	69.0	1093.7	18	59.1	2.9	9.5	72	16.91	22							
IS200/260A	1450	414	115.0	1822.8	14	45.9	3.1	10.2	81	19.49	22	Y180L-4 22kW	255	250	200	300	300	256
		496.8	138.0	2187.3	10.5	34.4	3.2	10.5	72	19.73	22							
		237.6	66.0	1046.1	15	49.2	2.8	9.2	70	13.87	18.5							
IS200/260B	1450	396	110.0	1743.5	12	39.4	3	9.8	80	16.18	18.5	Y180M-4 18.5kW	245					
		475.2	132.0	2092.2	9.7	31.8	3.1	10.2	70	17.93	18.5							
		345	95.8	1519.0	35	114.8	3.2	10.5	72.5	45.36	55							
IS 200/320	1450	575	159.7	2531.7	30	98.4	3.3	10.8	83.5	56.26	75	Y280S-4 75kW	340					
		690	191.7	3038.0	25.5	83.7	3.4	11.2	79.5	60.27	75							
		324	90.0	1426.5	30	98.4	3.1	10.2	71	37.28	45							
IS200/320A	1450	540	150.0	2377.5	25.5	83.7	3.2	10.5	83	45.18	55	Y250M-4 55kW	320	250	200	300	300	310
		648	180.0	2853.1	21	68.9	3.3	10.8	78	47.51	55							
		302.4	84.0	1331.4	26.5	86.9	3	9.8	67.5	32.33	45							
IS200/320B	1450	504	140.0	2219.0	22	72.2	3.1	10.2	82	36.82	45	Y225M-4 45kW	300					
		604.8	168.0	2662.9	18.3	60.0	3.2	10.5	77.5	38.89	45							
		390	108.3	1717.1	59.5	195.2	3	9.8	74	85.40	110							
IS200/400	1450	650	180.6	2861.9	53.5	175.5	3.8	12.5	84	112.74	132	Y315M-4 132kW	418					
		780	216.7	3434.2	48.5	159.1	4.5	14.8	82	125.64	132							
		360	100.0	1585.0	52.5	172.2	2.9	9.5	70	73.53	90							
IS200/400A	1450	600	166.7	2641.7	46.5	152.6	3.6	11.8	81	93.80	110	Y315S-4 110kW	400	250	200	300	300	345
		720	200.0	3170.1	41.5	136.2	4.4	14.4	80	101.72	110							
		330	91.7	1452.9	41.5	136.2	2.8	9.2	69	54.05	75							
IS200/400B	1450	550	152.8	2421.6	36	118.1	3.5	11.5	81	66.57	90	Y280S-4 75kW	370					
		660	183.3	2905.9	31	101.7	4.2	13.8	78	71.43	90							
		330	91.7	1452.9	90	295.3	3.2	10.5	68	118.94	132							
IS200/500	1450	550	152.8	2421.6	87	285.4	4	13.1	81	160.88	200	Y355M-4 250kW	500					
		660	183.3	2905.9	84.5	277.2	4.8	15.7	80	189.85	250							
		300	83.3	1320.9	82.5	270.7	3	9.8	69	97.68	110							
IS 200/500A	1450	500	138.9	2201.4	80	262.5	3.8	12.5	82.5	132.04	160	Y315L2-4 200kW	480	250	200	300	300	510
		600	166.7	2641.7	77.5	254.3	4.5	14.8	84	150.75	200							
		270	75.0	1188.8	73	239.5	2.8	9.2	63	85.20	110							
IS200/500B	1450	450	125.0	1981.3	71.5	234.6	3.6	11.8	78	112.34	132	Y315L1-4 160kW	460					
		540	150.0	2377.5	69	226.4	4.2	13.8	80	126.84	160							
		522	145.0	2298.3	32	105.0	3	9.8	69	65.93	75							
IS250/320	1450	870	241.7	3830.5	27.5	90.2	4.8	15.7	83.5	78.03	90	Y280M-4 90kW	328					
		1044	290.0	4596.6	24	78.7	6.5	21.3	82	83.21	90							
		480	133.3	2113.4	29.5	96.8	2.8	9.2	63	61.21	75							
IS 250/320A	1450	800	222.2	3522.3	25.5	83.7	4.5	14.8	82	67.75	75	Y280M-4 90kW	318					
		960	266.7	4226.8	22.5	73.8	6.2	20.3	83.5	70.45	90							
		450	125.0	1981.3	28	91.9	2.5	8.2	62	55.34	75			300	250	350	350	375
IS250/320B	1450	750	208.3	3302.2	24.5	80.4	4.2	13.8	81	61.78	75	Y280S-4 75kW	310					
		900	250.0	3962.6	22	72.2	6.0	19.7	82	65.76	75							
		432	120.0	1902.0	23.5	77.1	2.4	7.9	61	45.32	55		300*					
IS 250/320C	1450	720	200.0	3170.1	20	65.6	4.0	13.1	80	49.02	55	Y280S-4 75kW	288					
		864	240.0	3804.1	17.5	57.4	5.8	19.0	76	54.18	75		(R147)					

IS series
IS 卧式单级端吸离心泵
IS type horizontal single stage end suction centrifugal pump

IS 性能参数表Performance parameter table

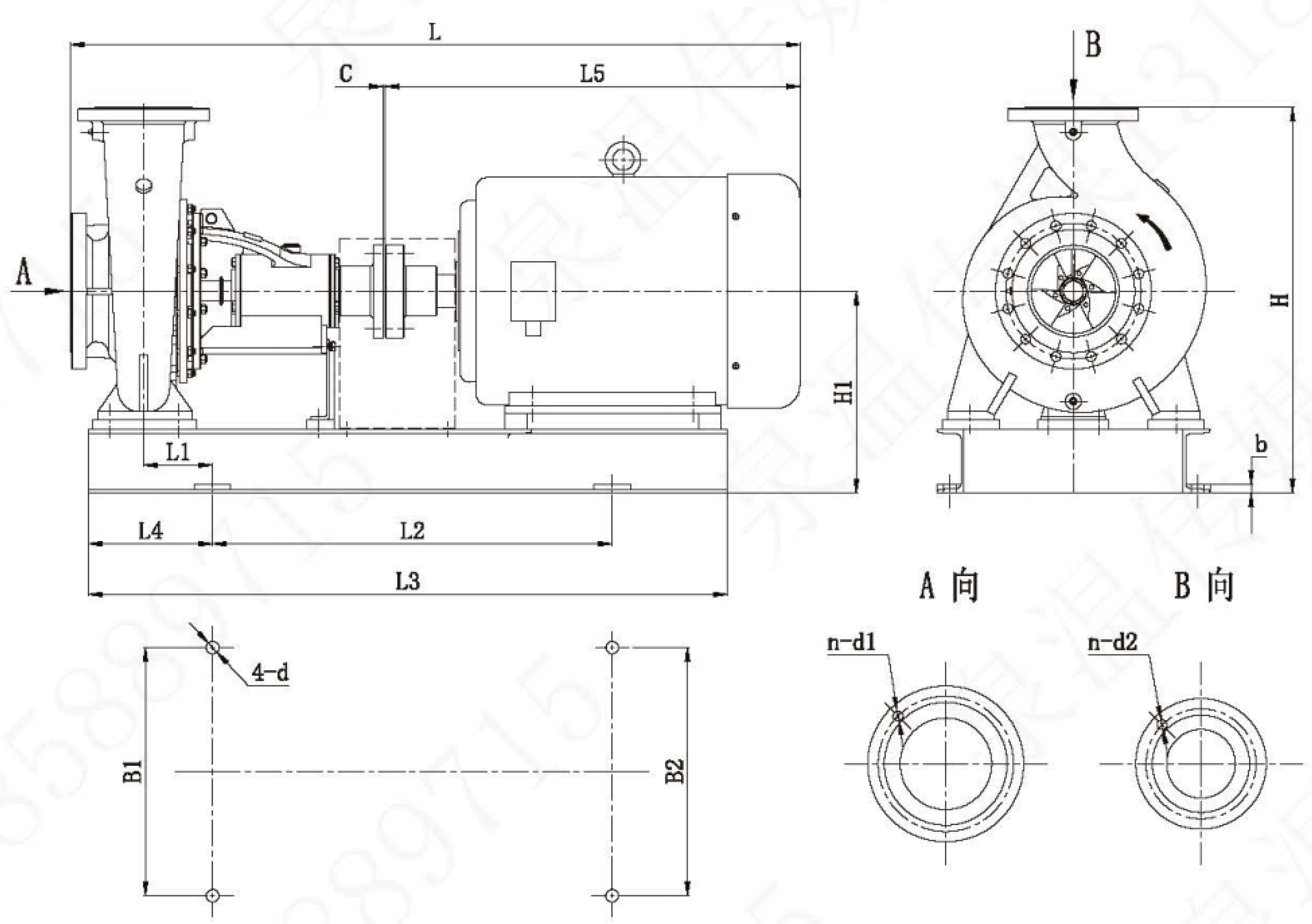
泵规格 Type	转速n speed	流量Q Capacity			扬程H Head		必需汽蚀余量 (NPSH)r		效率 η	功率 Power 轴功率	电机	出厂配套	叶轮外径	泵口径 进口	出口	锥管口径 吸入	排出	泵头重量
	(r.p.m)	(m³/h)	(l/s)	(USGPM)	(m)	(Feet)	(m)	(Feet)	(%)	(KM)			(mm)	(mm)		(mm)		(kg)
		550	152.8	2421.6	56.5	185.4	3.0	9.8	75.5	112.09	132							
IS 250/400	1450	760	211.1	3346.2	54	177.2	3.5	11.5	85	131.49	160	Y315L2-4 200kW	422					
		950	263.9	4182.7	48.5	159.1	4.5	14.8	83	151.18	200							
		360	100.0	1585.0	45	147.6	2.6	8.5	62	71.16	90							
IS 250/400A	1450	600	166.7	2641.7	43	141.1	3.2	10.5	80	87.83	110	Y315S-4 110kW	380	300	250	350	350	470
		720	200.0	3170.1	40.5	132.9	4.2	13.8	83	95.68	110							
		300	83.3	1320.9	35	114.8	2.3	7.5	55.5	51.52	75							
IS 250/400B	1450	500	138.9	2201.4	33	108.3	3.0	9.8	75	59.91	75	Y280S-4 75kW	338					
		600	166.7	2641.7	31	101.7	4.0	13.1	79	64.12	75							
		534	148.3	2351.1	85.5	280.5	3.0	9.8	70	177.63	250							
IS 250/500	1450	890	247.2	3918.6	80	262.5	5.0	16.4	83	233.61	280	Y355L-4 315kW	500					
		1068	296.7	4702.3	74	242.8	7.0	23.0	81	265.71	315							
		480	133.3	2113.4	76	249.3	2.8	9.2	67	148.28	200							
IS 250/500A	1450	800	222.2	3522.3	70.5	231.3	4.6	15.1	80	191.99	250	Y355M-4 250kW	475	300	250	350	350	630
		960	266.7	4226.8	65.5	214.9	6.7	22.0	80	214.05	250							
		450	125.0	1981.3	68	223.1	2.6	8.5	65	128.21	160							
IS250/500B	1450	750	208.3	3302.2	63	206.7	4.4	14.4	78.5	163.92	200	Y315L2-4 200kW	450					
		900	250.0	3962.6	58.4	191.6	6.5	21.3	79	181.19	200							
		720	200.0	3170.1	39	128.0	4.2	13.8	70	109.24	132							
IS 300/320	1450	1200	333.3	5283.4	32	105.0	5.0	16.4	84	124.49	160	Y315L1-4 160kW	360					
		1440	400.0	6340.1	30	98.4	5.5	18.0	76	154.80	160							
		691	191.9	3042.4	35	114.8	4.2	13.8	65	101.33	110							
IS 300/320A	1450	1152	320.0	5072.1	29	95.1	5.0	16.4	80	113.73	132	Y315M-4 132kW	349	350	300	400	400	650
		1382	383.9	6084.8	27.5	90.2	5.5	18.0	75	138.00	132							
		626	173.9	2756.2	33.5	109.9	4.4	14.4	70	81.59	90							
IS 300/320B	1450	1044	290.0	4596.6	27.5	90.2	5.3	17.4	79	98.97	110	Y315S-4 110kW	334					
		1253	348.1	5516.8	24	78.7	5.7	18.7	83	98.67	110							
		831.6	231.0	3661.4	52	170.6	5.0	16.4	70	168.24	200							
IS 300/400	1450	1386	385.0	6102.4	46.5	152.6	7.0	23.0	86	204.09	220	Y355M-4 250kW	415					
		1663.2	462.0	7322.9	42	137.8	8.0	26.2	87.5	217.41	250							
		720	200.0	3170.1	45	147.6	4.8	15.7	65	135.75	160							
IS300/400A	1450	1200	333.3	5283.4	40.5	132.9	6.5	21.3	81	163.40	200	Y315L2-4 200kW	385	350	300	400	400	700
		1440	400.0	6340.1	37	121.4	7.5	24.6	82	176.95	200							
		594	165.0	2615.3	38.5	126.3	4.5	14.8	54.5	114.27	132							
IS300/400B	1450	990	275.0	4358.8	35	114.8	6.0	19.7	74	127.52	160	Y315L1-4 160kW	360*6°					
		1188	330.0	5230.6	32.5	106.6	7.0	23.0	79	133.10	160							

法兰尺寸表Flange size table



压力等级	DN	C	n-Φ	D	压力等级	DN	C	n-Φ	D
PN16	Φ32	Φ100	4-Φ18	Φ140	PN25	Φ32	Φ100	4-Φ18	Φ140
	Φ40	Φ110	4-Φ18	Φ150		Φ40	Φ110	4-Φ18	Φ150
	Φ50	Φ125	4-Φ18	Φ165		Φ50	Φ125	4-Φ18	Φ165
	Φ65	Φ145	4-Φ18	Φ185		Φ65	Φ145	8-Φ18	Φ185
	Φ80	Φ160	8-Φ18	Φ200		Φ80	Φ160	8-Φ18	Φ200
	Φ100	Φ180	8-Φ18	Φ220		Φ100	Φ190	8-Φ23	Φ230
	Φ125	Φ210	8-Φ18	Φ250		Φ125	Φ220	8-Φ26	Φ270
	Φ150	Φ240	8-Φ22	Φ285		Φ150	Φ250	8-Φ26	Φ300
	Φ200	Φ295	12-Φ22	Φ340		Φ200	Φ310	12-Φ26	Φ360
	Φ250	Φ355	12-Φ26	Φ405		Φ250	Φ370	12-Φ30	Φ425
	Φ300	Φ410	12-Φ26	Φ460		Φ300	Φ430	16-Φ30	Φ485
	Φ350	Φ470	16-Φ26	Φ520		Φ350	Φ490	16-Φ40	Φ550

外形及安装尺寸图Outline and Installation Dimensional Drawing



IS series
IS 卧式单级端吸离心泵
IS type horizontal single stage end suction centrifugal pump

Freida 氟瑞达泵阀

IS型 泵整机安装尺寸表Table of Installation Dimensions for the Complete Pump

泵规格	配套功率		泵安装尺寸													总重量 (kg)
	机座号	功率 (kW)	L	L1	L2	L3	L4	L5	B1	B2	H1	H2	C	h	d	
IS32/130	Y90L-2	2.2	782	57	450	703	127	340	225	225	187	327	2	12	Φ19	79
	Y90S-2	1.5	757	57	450	678	127	315	225	225	187	327	2	12	Φ19	79
	Y801-4	0.55	722	37	430	657	107	280	225	225	187	327	2	12	Φ19	70
IS32/160	Y132S1-2	5.5	907	77	500	786	147	465	285	285	207	367	2	12	Φ19	131
	Y112M-2	4	842	67	450	742	137	400	255	255	207	367	2	12	Φ19	108
	Y801-4	0.55	722	37	430	657	107	280	255	255	207	367	2	12	Φ19	78
IS32/200	Y160M1-2	11	1042	88	580	905	158	600	325	325	235	415	2	12	Φ19	206
	Y132S2-2	7.5	907	61	500	786	131	465	285	285	235	415	2	12	Φ19	145
	Y90S-4	1.1	757	51	450	678	121	315	285	285	235	415	2	12	Φ19	94
IS32/260	Y160L-2	18.5	1102	114	580	960	197	640	325	325	275	500	2	12	Φ19	251
	Y160M2-2	15	1062	114	580	918	197	600	325	325	275	500	2	12	Φ19	237
	Y100L2-4	3	837	73	450	745	156	375	315	315	255	480	2	12	Φ19	129
IS40/130	Y112M-2	4	842	83	450	742	153	400	255	255	187	327	2	12	Φ19	101
	Y100L-2	3	817	67	450	733	137	375	225	225	187	327	2	12	Φ19	90
	Y801-4	0.55	722	37	430	657	107	280	225	225	187	327	2	12	Φ19	72
IS40/160	Y132S2-2	7.5	907	77	500	786	147	465	285	285	207	367	2	12	Φ19	137
	Y132S1-2	5.5	907	77	500	786	147	465	285	285	207	367	2	12	Φ19	132
	Y112M-2	4	842	67	450	742	137	400	255	255	207	367	2	12	Φ19	109
	Y90S-4	1.1	757	57	450	678	127	315	255	255	207	367	2	12	Φ19	85
IS40/200	Y160M1-2	11	1062	88	580	905	158	600	325	325	255	435	2	12	Φ19	210
	Y90L-4	1.5	802	51	450	703	121	340	285	285	235	415	2	12	Φ19	103
IS40/260	Y180M-2	22	1152	121	580	971	204	690	350	350	275	500	2	12	Φ19	286
	Y160L-2	18.5	1102	114	580	960	197	640	325	325	275	500	2	12	Φ19	253
	Y100L2-4	3	837	73	450	745	156	375	315	315	255	480	2	12	Φ19	131
IS40/320	Y200L2-2	37	1357	120	750	1155	203	760	395	395	342	567	2	16	Φ24	413
	Y200L1-2	30	1357	120	750	1155	203	760	395	395	342	567	2	16	Φ24	394
	Y180M-2	22	1287	114	680	1081	197	690	350	350	315	540	2	12	Φ19	350
	Y132S-4	5.5	1062	105	580	909	188	465	350	350	295	520	2	12	Φ19	214
IS50/130	Y132S2-2	7.5	927	77	500	786	147	465	285	285	207	367	2	12	Φ19	135
	Y132S1-2	5.5	927	77	500	786	147	465	285	285	207	367	2	12	Φ19	130
	Y90S-4	1.1	777	57	450	678	127	315	255	255	207	367	2	12	Φ19	83
IS50/160	Y160M1-2	11	1062	88	580	905	158	600	325	325	255	435	2	12	Φ19	204
	Y132S2-2	7.5	927	77	580	786	147	465	285	285	255	435	2	12	Φ19	143
	Y90L-4	1.5	802	51	450	703	121	340	285	285	235	415	2	12	Φ19	97
IS50/200	Y160L-2	18.5	1102	88	580	947	158	640	325	325	255	455	2	12	Φ19	236
	Y160M2-2	15	1062	88	580	905	158	600	325	325	255	455	2	12	Φ19	222
	Y100L1-4	2.2	837	69	450	733	139	375	285	285	235	435	2	12	Φ19	111
IS50/260	Y200L2-2	37	1222	137	630	1045	220	760	395	395	315	540	2	16	Φ24	386
	Y200L1-2	30	1222	137	630	1045	220	760	395	395	315	540	2	16	Φ24	370
	Y132S-4	5.5	927	94	500	799	177	465	315	315	255	480	2	12	Φ19	164
IS50/260G	Y200L2-2	37	1316	129	700	1139	212	760	395	395	315	540	2	16	Φ24	402
	Y200L1-2	30	1316	129	700	1139	212	760	395	395	315	540	2	16	Φ24	386
IS50/320	Y280S-2	75	1582	158	820	1339	241	985	540	540	465	745	2	16	Φ28	793
	Y225M-2	45	1402	138	750	1192	221	805	420	420	385	665	2	16	Φ28	618
	Y160M-4	11	1197	94	680	1028	177	600	395	395	340	620	2	16	Φ24	293
	Y132M-4	7.5	1102	79	680	948	162	505	395	395	340	620	2	16	Φ24	246
IS65/130	Y160M1-2	11	1062	88	580	918	171	600	325	325	255	435	2	12	Φ19	205
	Y132S2-2	7.5	927	61	500	799	144	465	285	285	235	415	2	12	Φ19	144
	Y90L-4	1.5	802	51	450	716	134	340	285	285	235	415	2	12	Φ19	98
IS65/160	Y160L-2	18.5	1102	88	580	960	171	640	325	325	255	455	2	12	Φ19	233
	Y160M2-2	15	1062	88	580	918	171	600	325	325	255	455	2	12	Φ19	219
	Y160M1-2	11	1062	88	580	918	171	600	325	325	255	455	2	12	Φ19	209
	Y100L1-4	2.2	837	69	450	745	152	375	285	285	235	435	2	12	Φ19	108

本表仅适用于配钢制底座(电机尺寸参照Y2系列)
This table is only applicable to steel base (motor dimensions refer to Y2 series)

IS 型泵整机安装尺寸表Table of Installation Dimensions for the Complete Pump

泵规格	配套功率		泵安装尺寸													总重量 (kg)
	机座号	功率 (kW)	L	L1	L2	L3	L4	L5	B1	B2	H1	H2	C	h	d	
IS65/200	Y200L1-2	30	1222	137	630	1045	220	760	395	395	315	540	2	16	Φ24	373
	Y180M-2	22	1152	117	630	971	200	690	350	350	275	500	2	12	Φ19	295
	Y112M-4	4	862	73	450	745	156	400	315	315	255	480	2	12	Φ19	137
IS65/200G	Y200L1-2	30	1316	130	700	1139	213	760	395	395	315	540	2	16	Φ24	388
IS65/260	Y250M-2	55	1482	162	800	1302	262	910	495	495	393	643	2	16	Φ24	584
	Y225M-2	45	1377	140	750	1209	240	805	430	430	340	590	2	16	Φ24	479
	Y132M-4	7.5	1077	105	580	965	205	505	350	350	295	545	2	12	Φ19	212
IS65/320	Y315S-2	110	1787	190	850	1441	290	1190	395	620	500	780	2	16	Φ28	1296
	Y280M-2	90	1632	190	800	1407	290	1035	395	540	465	745	2	16	Φ28	925
	Y280S-2	75	1582	150	750	1356	250	985	395	540	465	745	2	16	Φ28	845
	Y160L-4	15	1237	94	680	1087	194	640	395	395	340	620	2	16	Φ24	315
	Y160M-4	11	1197	94	680	1045	194	600	395	395	340	620	2	16	Φ24	302
IS80/160	Y200L1-2	30	1247	137	630	1045	220	760	395	395	315	540	2	16	Φ24	357
	Y180M-2	22	1177	121	580	971	204	690	350	350	275	500	2	12	Φ19	279
	Y160L-2	18.5	1127	114	580	960	197	640	325	325	275	500	2	12	Φ19	246
	Y100L2-4	3	862	73	450	745	156	375	315	315	255	480	2	12	Φ19	124
IS80/160G	Y200L1-2	30	1341	138	700	1139	221	760	395	395	315	540	2	16	Φ24	372
IS80/200	Y225M-2	45	1402	158	750	1192	241	805	430	430	340	590	2	16	Φ24	462
	Y200L2-2	37	1357	144	700	1155	227	760	395	395	315	565	2	12	Φ24	397
	Y132M-4	7.5	1102	113	550	948	196	505	350	350	275	525	2	12	Φ19	197
IS80/260	Y280S-2	75	1582	160	850	1356	260	985	410	555	440	720	2	16	Φ28	758
	Y250M-2	55	1507	160	780	1302	260	910	475	475	410	690	2	16	Φ28	594
	Y160M-4	11	1197	120	630	1045	220	600	395	395	315	595	2	16	Φ24	279
IS80/320	Y315S-2	110	1787	190	850	1441	290	1190	395	620	500	815	2	16	Φ28	1342
	Y280M-2	90	1632	190	800	1407	290	1035	395	540	465	780	2	16	Φ28	958
	Y180M-4	18.5	1288	104	750	1100	204	690	395	395	365	680	3	16	Φ24	370
	Y160L-4	15	1238	104	750	1088	204	640	395	395	365	680	3	16	Φ24	327
	Y160M-4	11	1198	104	750	1046	204	600	395	395	365	680	3	16	Φ24	307
IS80/400	Y200L-4	30	1408	140	780	1224	240	760	420	420	421	776	3	16	Φ24	504
IS100/200	Y280S-2	75	2300	160	850	2124	260	985	410	555	440	720	3	16	Φ28	752
	Y250M-2	55	1508	160	800	1353	260	910	495	495	396	676	3	16	Φ24	588
	Y225M-2	45	1403	160	750	1260	260	805	430	430	340	620	3	16	Φ24	483
	Y160M-4	11	1198	120	630	1096	220	600	395	395	315	595	3	16	Φ24	273
IS100/260	Y315S-2	110	1803	190	870	1442	290	1190	410	620	500	780	3	16	Φ28	1146
	Y280M-2	90	1648	172	870	1408	272	1035	410	550	465	745	3	16	Φ28	857
	Y160L-4	15	1253	94	680	1088	194	640	395	395	340	620	3	16	Φ24	311
IS100/320	Y180L-4	22	1343	104	750	1139	204	730	395	395	365	680	3	16	Φ24	402
	Y180M-4	18.5	1303	104	750	1100	204	690	395	395	365	680	3	16	Φ24	384
IS100/400	Y225M-4	45	1508	140	820	1320	260	835	540	540	440	795	3	16	Φ28	630
	Y225S-4	37	1483	140	820	1295	260	810	540	540	440	795	3	16	Φ28	595
IS125/200	Y280M-2	90	1648	184	880	1408	284	1035	410	550	440	755	3	16	Φ28	865
	Y160M-4	11	1213	104	750	1046	204	600	395	395	365	680	3	16	Φ24	300
IS125/260	Y180L-4	22	1343	104	750	1139	204	730	395	395	365	720	3	16	Φ24	383
	Y180M-4	18.5	1303	104	750	1100	204	690	395	395	365	720	3	16	Φ24	365
IS125/320	Y200L-4	30	1433	119	800	1254	239	760	490	490	421	776	3	16	Φ24	516
	Y180L-4	22	1403	117	780	1219	237	730	490	365	421	776	3	16	Φ24	449
IS125/400	Y280S-4	75	1658	190	910	1437	310	985	550	550	475	875	3	16	Φ28	891
	Y250M-4	55	1583	150	870	1383	270	910	490	490	475	875	3	16	Φ28	726
IS125/500	Y315S-4	110	2053	230	910	1692	350	1220	620	620	560	1060	3	16	Φ28	1521
	Y280S-4	75	1818	220	870	1577	340	985	550	550	535	1035	3	16	Φ28	1044
	Y250M-4	55	1743	220	820	1523	340	910	550	550	535	1035	3	16	Φ28	926
IS150/200	Y180M-4	18.5	1348	114	780	1145	234	690	540	365	426	826	3	16	Φ24	425
	Y160L-4	15	1298	114	750	1133	234	640	540	330	426	826	3	16	Φ24	399

本表仅适用于配钢制底座(电机尺寸参照Y2系列)
This table is only applicable to steel base (motor dimensions refer to Y2 series)

IS series
IS 卧式单级端吸离心泵
IS type horizontal single stage end suction centrifugal pump

Freida
氟瑞达泵阀

IS 型泵整机安装尺寸表Table of Installation Dimensions for the Complete Pump

泵规格	配套功率		泵安装尺寸													总重量 (kg)
	机座号	功率 (kW)	L	L1	L2	L3	L4	L5	B1	B2	H1	H2	C	h	d	
IS150/260	Y200L-4	30	1453	119	800	1254	239	760	440	440	396	751	3	16	Φ24	495
	Y180L-4	22	1423	119	750	1219	239	730	440	440	396	751	3	16	Φ24	444
IS150/320	Y250M-4	55	1603	150	870	1383	270	910	540	540	440	840	3	16	Φ28	696
	Y225M-4	45	1528	140	820	1320	260	835	540	540	440	840	3	16	Φ28	626
	Y225S-4	37	1503	140	820	1295	260	810	540	540	440	840	3	16	Φ28	591
IS150/400	Y280M-4	90	1728	190	910	1488	310	1035	550	550	475	925	3	16	Φ28	942
	Y280S-4	75	1678	190	910	1437	310	985	550	550	475	925	3	16	Φ28	927
IS150/500	Y315L1-4	160	2183	230	1000	1773	350	1330	625	625	560	1060	3	16	Φ28	1846
	Y315M-4	132	2418	220	1000	1773	340	1565	625	625	560	1060	3	16	Φ28	1638
	Y315S-4	110	2073	220	910	1692	340	1220	625	625	560	1060	3	16	Φ28	1544
IS200/260	Y200L-4	30	1493	120	750	1274	240	760	540	540	440	840	3	16	Φ28	566
	Y180L-4	22	1463	120	750	1239	240	730	540	540	440	840	3	16	Φ28	524
	Y180M-4	18.5	1423	120	750	1200	240	690	540	540	440	840	3	16	Φ28	508
IS200/320	Y280S-4	75	1858	190	910	1577	310	985	550	550	540	990	3	16	Φ28	952
	Y250M-4	55	1783	190	910	1523	310	910	550	550	515	965	3	16	Φ28	802
	Y225M-4	45	1678	140	820	1460	260	805	550	550	515	965	3	16	Φ28	733
IS200/400	Y315M-4	132	2203	230	1000	1773	350	1330	625	625	540	1040	3	16	Φ28	1563
	Y315S-4	110	2093	230	1000	1692	350	1220	625	625	540	1040	3	16	Φ28	1469
	Y280M-4	90	1908	190	910	1628	310	1035	550	550	540	1040	3	16	Φ28	1096
IS200/500	Y355M-4	250	2453	230	1100	1922	400	1565	725	725	625	1125	3	16	Φ28	2587
	Y315L2-4	200	2218	230	1100	1828	400	1330	715	715	625	1125	3	16	Φ28	1962
	Y315L1-4	160	2218	230	1100	1828	400	1330	715	715	625	1125	3	16	Φ28	1833
IS250/320	Y280M-4	90	1908	190	910	1653	335	1035	595	595	540	1065	3	16	Φ28	1131
	Y280S-4	75	1858	190	910	1602	335	985	595	595	540	1065	3	16	Φ28	1027
IS250/400	Y315L2-4	200	2253	230	1000	1823	400	1330	705	705	625	1125	3	16	Φ28	1799
	Y315S-4	110	2143	230	1000	1742	400	1220	705	705	585	1085	3	16	Φ28	1498
	Y280S-4	75	1908	190	910	1627	360	985	705	705	585	1085	3	16	Φ28	1021
IS250/500	Y355L2-4	315	2683	230	1100	2122	400	1565	725	725	650	1195	3	16	Φ28	2877
	Y355M-4	250	2683	230	1100	2122	400	1565	725	725	650	1195	3	16	Φ28	2726
IS300/320	Y315L1-4	160	2439	210	1100	2020	380	1330	855	855	542	1102	3	16	Φ28	2705
	Y315M-4	132	2439	210	1100	2020	380	1330	855	855	542	1102	3	16	Φ28	2080
	Y315S-4	110	2409	210	1100	1982	380	1220	855	855	542	1102	3	16	Φ28	1951
IS300/400	Y355M-4	250	2723	230	1100	2122	400	1565	795	795	725	1325	3	16	Φ28	2807
	Y315L2-4	200	2488	230	1100	2028	400	1330	795	795	725	1325	3	16	Φ28	2182
	Y315L1-4	160	2488	230	1100	2028	400	1330	795	795	725	1325	3	16	Φ28	2053

本表仅适用于配钢制底座(电机尺寸参照Y2系列)
This table is only applicable to steel base (motor dimensions refer to Y2 series)

IS泵头安装尺寸表Table of pump head installation dimensions

泵规格	轴径	进口 Φ1	出口 Φ2	泵尺寸				泵脚尺寸										轴端尺寸		联轴器端键规格
				a	f	h1	h2	b	m1	m2	n1	n2	n3	h3	Φs1	Φs2	W	d	L	
IS32/130	25	Φ50	Φ32	80	360	112	140	50	100	70	190	140	100	14	14	14	267	24	50	8*7*32
IS32/160	25	Φ50	Φ32	80	360	132	160	50	100	70	240	190	100	14	14	14	267	24	50	8*7*32
IS32/200	25	Φ50	Φ32	80	360	160	180	50	100	70	240	190	110	14	14	14	267	24	50	8*7*32
IS32/260	25	Φ50	Φ32	100	360	180	225	65	125	95	320	250	110	14	14	14	267	24	50	8*7*32
IS40/130	25	Φ65	Φ40	80	360	112	140	50	100	70	210	160	100	14	14	14	267	24	50	8*7*32
IS40/160	25	Φ65	Φ40	80	360	132	160	50	100	70	240	190	100	14	14	14	267	24	50	8*7*32
IS40/200	25	Φ65	Φ40	100	360	160	180	50	100	70	265	212	110	14	14	14	267	24	50	8*7*32
IS40/260	25	Φ65	Φ40	100	360	180	225	65	125	95	320	250	110	14	14	14	267	24	50	8*7*32
IS40/320	35	Φ65	Φ40	125	470	200	225	65	125	95	345	280	110	14	14	14	342	32	80	10*8*40
IS50/130	25	Φ65	Φ50	100	360	132	160	50	100	70	240	190	100	14	14	14	267	24	50	8*7*32
IS50/160	25	Φ65	Φ50	100	360	160	180	50	100	70	265	212	110	14	14	14	267	24	50	8*7*32
IS50/200	25	Φ65	Φ50	100	360	160	200	50	100	70	265	212	110	14	14	14	267	24	50	8*7*32
IS50/260	25	Φ65	Φ50	100	360	180	225	65	125	95	320	250	110	14	14	14	267	24	50	8*7*32
IS50/260G	35A	Φ65	Φ50	100	454	180	225	65	125	95	320	250	110	14	14	14	328	32	80	10*8*40
IS50/320	35	Φ65	Φ50	125	470	225	280	65	125	95	345	280	110	16	14	14	342	32	80	10*8*40
IS65/130	25	Φ80	Φ65	100	360	160	180	65	125	95	280	212	110	14	14	14	267	24	50	8*7*32
IS65/160	25	Φ80	Φ65	100	360	160	200	65	125	95	280	212	110	14	14	14	267	24	50	8*7*32
IS65/200	25	Φ80	Φ65	100	360	180	225	65	125	95	320	250	110	14	14	14	267	24	50	8*7*32
IS65/200G	35A	Φ80	Φ65	100	454	180	225	65	125	95	320	250	110	14	14	14	328	32	80	10*8*40
IS65/260	35	Φ80	Φ65	100	470	200	250	80	160	120	360	280	110	16	18	14	342	32	80	10*8*40
IS65/320	35	Φ80	Φ65	125	470	225	280	80	160	120	400	315	110	16	18	14	342	32	80	10*8*40
IS80/160	25	Φ100	Φ80	125	360	180	225	65	125	95	320	250	110	14	14	14	267	24	50	8*7*32
IS80/160G	35A	Φ100	Φ80	125	454	180	225	65	125	95	320	250	110	14	14	14	328	32	80	10*8*40
IS80/200	35	Φ100	Φ80	125	470	180	250	65	125	95	345	280	110	14	14	14	342	32	80	10*8*40
IS80/260	35	Φ100	Φ80	125	470	200	280	80	160	120	400	315	110	16	18	14	342	32	80	10*8*40
IS80/320	35	Φ100	Φ80	125	470	250	315	80	160	120	400	315	110	16	18	14	342	32	80	10*8*40
IS80/400	45	Φ100	Φ80	125	520	280	355	85	160	120	400	355	110	16	18	14	370	42	110	12*8*56
IS100/200	35	Φ125	Φ100	125	470	200	280	80	160	120	360	280	110	16	18	14	342	32	80	10*8*40
IS100/260	35	Φ125	Φ100	140	470	225	280	80	160	120	400	315	110	16	18	14	342	32	80	10*8*40
IS100/320	35	Φ125	Φ100	140	470	250	315	80	160	120	400	315	110	16	18	14	342	32	80	10*8*40
IS100/400	45	Φ125	Φ100	140	530	280	355	100	200	150	500	400	110	18	23	14	370	42	110	12*8*56
IS125/200	35	Φ150	Φ125	140	470	250	315	80	160	120	400	315	110	16	18	14	342	32	80	10*8*40
IS125/260	35	Φ150	Φ125	140	470	250	355	80	160	120	400	315	110	16	18	14	342	32	80	10*8*40
IS125/320	45	Φ150	Φ125	140	530	280	355	100	200	150	500	400	110	18	23	14	370	42	110	12*8*56
IS125/400	45	Φ150	Φ125	140	530	315	400	100	200	150	500	400	110	18	23	14	370	42	110	12*8*56
IS125/500	60	Φ150	Φ125	180	670	375	500	120	200	150	550	450	140	25	23	14	511	55	110	16*10*100
IS150/200	35G	Φ200	Φ150	160	495	280	400	100	200	150	550	450	110	20	23	14	367	32	80	10*8*40
IS150/260	45	Φ200	Φ150	160	530	250	355	100	200	150	450	350	110	18	23	14	370	42	110	12*8*56
IS150/320	45	Φ200	Φ150	160	530	280	400	100	200	150	550	450	110	18	23	14	370	42	110	12*8*56
IS150/400	45	Φ200	Φ150	160	530	315	450	100	200	150	550	450	110	18	23	14	370	42	110	12*8*56
IS150/500	60	Φ200	Φ150	180	670	375	500	120	200	150	550	450	140	25	23	14	511	55	110	16*10*100
IS200/260	45	Φ250	Φ200	180	550	280	400	100	200	150	550	450	110	25	27	14	389	42	110	12*8*56
IS200/320	55	Φ250	Φ200	200	670	355	450	100	200	150	550	450	110	20	23	14	511	48	110	14*9*100
IS200/400	55	Φ250	Φ200	200	670	355	500	120	200	150	550	450	110	20	23	14	511	48	110	14*9*100
IS200/500	60	Φ250	Φ200	210	675	400	500	160	300	240	720	600	140	30	27	14	511	55	110	16*10*100
IS250/320	55	Φ300	Φ250	200	670	355	525	100	250	175	600	500	110	24	23	14	511	48	110	14*9*100
IS250/400	60	Φ300	Φ250	250	670	400	500	120	300	250	710	600	140	25	23	14	511	55	110	16*10*100
IS250/500	75	Φ300	Φ250	240	875	425	545	160	300	200	720	600	140	30	27	19	625	70	140	20*12*120
IS300/320	75	Φ350	Φ300	260	875	400	560	140	300	200	750	600	140	40	27	19	625	70	140	20*12*120
IS300/400	75	Φ350	Φ300	280	875	500	600	150	300	200	800	660	140	40	27	19	625	70	140	20*12*120

Freida
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