



Innovative fluid solutions.

**The choice of trust in the chemical industry
CYA type horizontal single stage end
suction centrifugal pump**

PRODUCT CATALOG



Anhui Changyu pump and valve manufacturing Co., LTD

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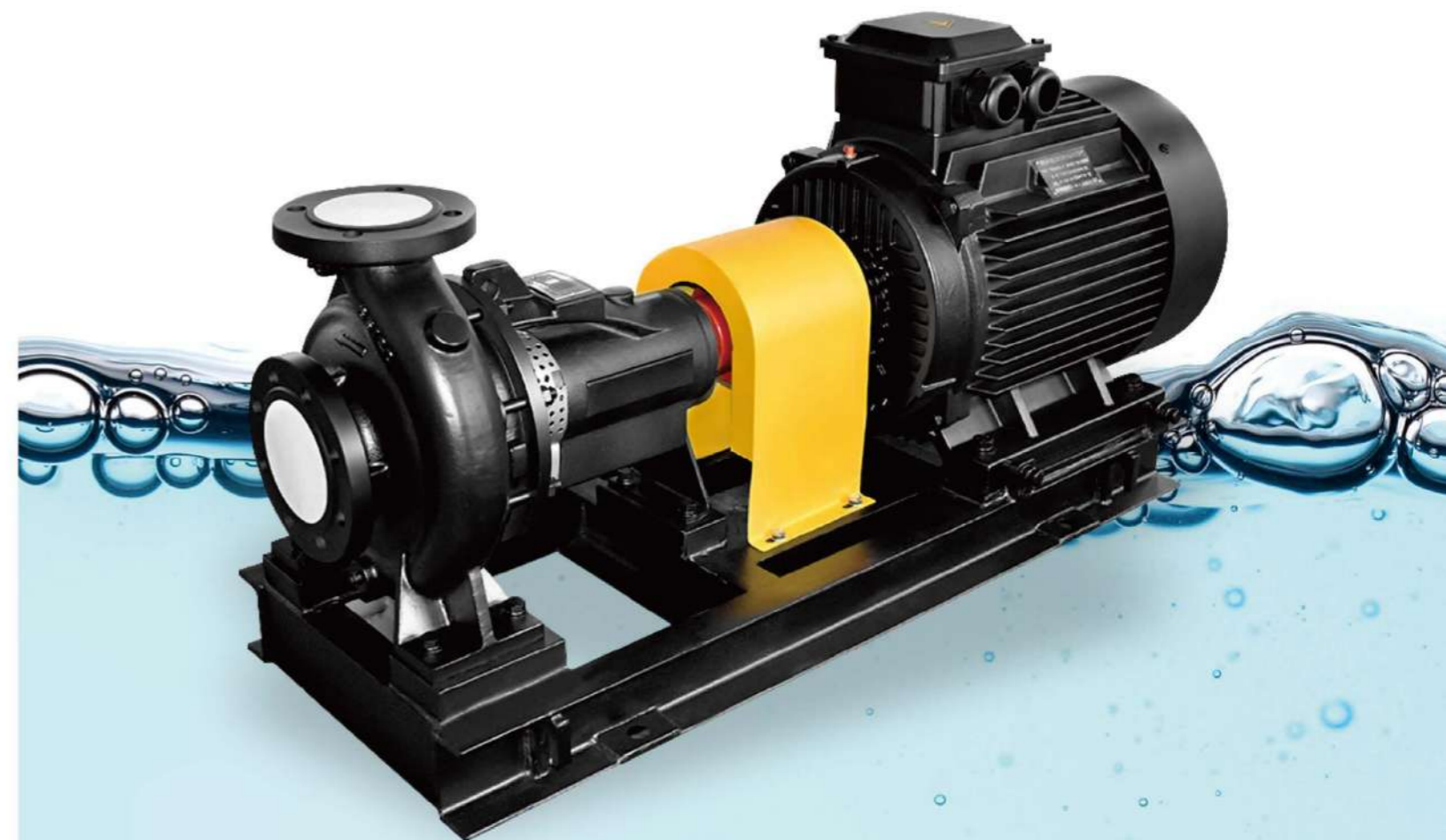
CYA卧式单级端吸离心泵
CYA type horizontal single stage end
suction centrifugal pump



CYA series

CYA卧式单级端吸离心泵

CYA type horizontal single stage end suction centrifugal pump



1、产品简介Product introduction

- 1.2、CYA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、CYA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、CYA型泵适宜输送介质的温度为-10~85℃,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、CYA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 The CYA type pump is a horizontal, single-stage, end-suction centrifugal pump designed for conveying clean water and liquids with physical and chemical properties similar to water, free of solid particles. Applications include factories, mines, buildings, fire fighting, irrigation, and municipal water supply.
 - 1.3 Performance parameters of pumps with the same specifications can be varied by cutting the impeller outer diameter.
 - 1.4 The CYA type pump features a simple structure, reliable performance, small size, light weight, good cavitation resistance, low power consumption, and convenient use and maintenance.
 - 1.5 The CYA type pump is suitable for conveying media with temperatures ranging from -10°C to 85°C, and a standard operating pressure ≤1.0MPa. For pressures exceeding 1.6MPa, please specify when ordering. Standard operating speeds are 1450rpm and 2900rpm. For operation at a maximum speed of 3550rpm (60Hz power supply or gasoline/diesel engine), impeller outer diameter adaptation will be provided by our company based on operating parameters.
 - 1.6 The flange pressure rating of the CYA type pump is PN16 (GB9119). If the device pressure has special requirements, it can be supplied according to PN25 (GB9119). Please specify this when selecting the model.
 - 1.7 Commonly used materials for main pump components

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				
碳钢 Cast steel	45		C95200				
轴 Shaft	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

- 口为轴向，出口为径向。
- 2.1壳体由蜗室、底脚、进出口法兰共同铸成一个整体
 - 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通过弹性联轴器由电机或内燃机
 - 2.3泵的轴封型式分为填料型和机封型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
 - 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
The suction is axial and the discharge is radial.
 - 2.1 The casing is integrally cast with the volute, base feet, and inlet/outlet flanges as a single unit.
 - 2.2 The pump has a rear-opening design, enabling maintenance without disconnecting suction and discharge piping, and is driven by an electric motor or internal combustion engine via an elastic coupling.
 - 2.3 Shaft sealing types include packing seals and mechanical seals; the latter has internally mounted, externally mounted, and balanced types, with the balanced type used for high-pressure applications.
 - 2.4 Bearing lubrication options are grease or oil lubrication.
 - 2.5 Bearing arrangement of the bracket assembly

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 Before assembling the pump, inspect the appearance quality of all parts and clean them thoroughly before putting them into assembly.
- 3.2 Beforehand, tighten all fasteners and plugs onto the corresponding parts.
- 3.3 Beforehand, place or install the sealing rings and gaskets onto the corresponding parts.
- 3.4 Beforehand, install the sealing ring, packing, packing ring, and packing gland onto the pump cover parts in sequence; for mechanical seal pumps, press the stationary ring into the pump cover or mechanical seal gland beforehand.
- 3.5 Install the bearing onto the shaft, then install it into the suspension, and install the gasket, oil seal, and bearing gland in sequence, and fit the water baffle ring onto the impeller end of the shaft.
- 3.6 Install the shaft sleeve onto the shaft, then install the pump cover onto the suspension, and install the impeller key, impeller, spring washer, and cap nut in sequence, and tighten them; for mechanical seal pumps, before installing the impeller, fit the rotating ring into the shaft sleeve.
- 3.7 Finally, assemble the above components with the pump body and tighten the fasteners connecting the pump body and the pump cover.
- 3.8 During the assembly process, small parts such as the impeller key, water baffle ring, and sealing ring are easily overlooked or installed in the wrong order; special attention should be paid to this.
- 3.9 The disassembly of the pump is basically the reverse of the assembly sequence.

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℃，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℃，轴承最高温度不得超过80℃。
- 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 Start-up

- 5.1.1 Before coupling the pump and motor, ensure the motor rotation direction is correct and the pump rotates freely.
- 5.1.2 Close the discharge pipe valve.
- 5.1.3 Prime the pump or use a vacuum pump to draw water.
- 5.1.4 Power on; once the pump reaches normal speed, gradually open the discharge valve to reach the desired operating point. The pump must not run continuously for more than 3 minutes with the discharge valve closed.

5.2 Shutdown

- 5.2.1 Gradually close the discharge valve, then cut off power.
- 5.2.2 If ambient temperature is below 0℃, drain the pump to prevent freezing and cracking.
- 5.2.3 For long-term storage, disassemble, apply oil, and store in sealed packaging.

5.3 Operation

- 5.3.1 Monitor instrument readings, bearing heat, packing leakage and temperature, vibration, and noise during startup and operation. Address any abnormalities promptly.
- 5.3.2 Bearing temperature rise must not exceed 40℃ above ambient, and maximum bearing temperature must not exceed 80℃.
- 5.3.3 Normal packing leakage should be minimal, approximately 60 drops per minute.
- 5.3.4 Replace the sealing ring if wear at the interface with the impeller exceeds allowable clearance.

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.	向轴盖注润滑油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.

01A性能参数表 Performance parameter table

泵型 Type	转速 speed (rpm)	流量 Q Capacity (m³/h)	扬程 H Head (m)	必需汽蚀余量 NPSHr (m)	效率 Efficiency (%)	功率 Power 电机 (kW)	出厂配置	叶轮 外径 (mm)	接口 口径 (mm)	接管口径 口径 (mm)	泵头 重量 (kg)			
CYA32/130	2900	9 2.5 276 215 304 1.2 3.9 49 125 22	18 5.0 552 430 608 2.4 7.8 98 165 22	27 7.5 828 645 912 3.6 11.7 127 220 22	36 10.0 1095 860 1216 4.8 15.6 165 220 22	45 12.5 1392 1075 1488 6.0 20.4 220 220 22	Y90L-2 2.2kW	139						
		54 15.0 1638 1270 1818 7.2 23.4 270 220 22	81 22.5 2457 1905 2727 10.8 35.1 405 220 22	108 30.0 3276 2540 3636 14.4 46.8 540 220 22	135 37.5 4014 3205 4545 18.0 58.5 675 220 22	162 45.0 4752 4170 5724 21.6 70.2 810 220 22	189 52.5 5490 5040 6912 25.2 83.7 945 220 22	Y90L-2 2.2kW	130	50	32	1	50	215
		216 90.0 9504 8340 11448 43.2 141.4 1080 220 22	270 112.5 11880 10425 14316 54.0 175.5 1350 220 22	324 135.0 14760 12510 17184 64.8 210.6 1620 220 22	378 157.5 17142 15090 20256 77.4 253.8 1890 220 22	432 180.0 19524 17175 23136 90.0 288.0 2250 220 22	486 202.5 21900 19252 26184 102.6 322.2 2700 220 22	Y90L-2 1.5kW	170					

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CYA6/200	2900	16 5.0 793 64 210 1.65 5.1 48 65.4 15	30 10.0 1586 128 420 3.3 10.2 96 130 11	44 15.0 2379 192 630 4.9 15.3 144 150 11	58 20.0 3172 256 840 6.6 20.4 192 150 11	72 25.0 3965 320 1120 8.3 27.2 252 150 11	Y90M-2 11kW	214						
		86 30.0 6762 544 1710 13.2 39.6 360 150 11	129 45.0 10143 816 2568 19.8 58.8 540 150 11	172 60.0 13524 1088 3424 26.4 78.4 810 150 11	215 75.0 16905 1416 4536 33.0 104.4 1080 150 11	258 90.0 20286 1824 5648 39.6 137.4 1350 150 11	301 105.0 23667 2232 7164 46.2 182.4 1620 150 11	Y90M-2 11kW	235	65	40	1	65	44
		344 120.0 30114 2736 8544 61.2 187.2 2160 150 11	425 150.0 37641 3420 10716 76.5 231.6 2700 150 11	506 180.0 45168 4128 12864 81.0 244.8 3240 150 11	587 210.0 52695 4832 15072 96.3 288.6 3780 150 11	668 240.0 60222 5636 17376 111.0 332.4 4320 150 11	749 270.0 67749 6440 19680 126.0 380.4 4860 150 11	Y90M-2 11kW	195					

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泵型 Type	转速 speed (rpm)	流量 Q Capacity (m³/h)	扬程 H Head (m)	必需汽蚀余量 NPSHr (m)	效率 Efficiency (%)	功率 Power 电机 (kW)	出厂配置	叶轮 外径 (mm)	接口 口径 (mm)	接管口径 口径 (mm)	泵头 重量 (kg)			
CYA10/240	2900	295 91.8 2981.8 84 283.2 5.5 16.0 78 90.91 10	590 183.6 5963.6 168 566.4 8.3 32.0 151.8 100	885 275.4 8945.4 252 850.8 12.4 46.8 217.8 100	1180 367.2 11936.4 336 1137.6 17.2 64.8 275.4 100	1475 459.0 14987.4 420 1516.8 21.6 81.6 351.0 100	Y225-2 10kW	264						
		1770 545.4 17705.4 2016 6108.0 32.4 118.8 1366.2 100	2360 727.2 23607.2 2688 8144.0 43.2 158.4 1821.6 100	2950 909.0 29509.0 3360 10792.0 57.6 211.2 2377.8 100	3540 1090.8 35401.8 4032 13728.0 72.0 273.6 3033.0 100	4130 1272.6 41303.6 4704 18192.0 86.4 364.8 3588.0 100	4720 1454.4 47205.4 5376 23232.0 100.8 470.4 4143.0 100	Y225-2 10kW	265	125	100	200	150	115
		5310 1818.0 53101.8 11760 34080.0 144.0 511.2 5833.8 100	6432 2294.4 64322.4 14016 40992.0 172.8 614.4 6964.8 100	7554 2871.0 75543.0 16800 49344.0 216 771.6 8357.4 100	8676 3547.2 86764.8 19968 59136.0 259.2 921.6 10569.0 100	9800 4223.4 98006.2 23040 71520.0 312 1234.8 12680.4 100	10920 4900.0 109208.4 26160 81696.0 378 1483.2 15191.4 100	Y225M-2 90kW	245					

01A性能参数表 Performance parameter table

泵型 Type	转速 speed (rpm)	流量 Q Capacity (m³/h)	扬程 H Head (m)	必需汽蚀余量 NPSHr (m)	效率 Efficiency (%)	功率 Power 电机 (kW)	出厂配置	叶轮 外径 (mm)	接口 口径 (mm)	接管口径 口径 (mm)	泵头 重量 (kg)			
CYA20/120	1450	40 11 136 103 53.9 2.7 7.2 54 20.78 30	80 22 272 206 107.8 5.4 14.4 108 30 30	120 33 408 309 161.7 8.1 21.6 162 30 30	160 44 544 412 215.6 10.8 28.8 216 30 30	200 55 720 515 290.4 14.4 38.4 270 30 30	Y220L2-2 5.5kW	264						
		240 110 1360 1030 539.7 27 54 207.8 30	480 220 2720 2060 1079.4 54 108 415.6 30	720 330 4080 3090 1619.1 81 162 623.7 30	960 440 5440 4120 2158.8 108 216 831.8 30	1200 550 7200 5150 2907.6 144 324 1039.9 30	1440 720 9600 6180 3846.4 198 477 1355.9 30	Y220M-2 5.5kW	265	65	50	60	60	62
		1800 1100 13600 10300 5397 270 540 2078 30	3600 2200 27200 20600 10794 540 1080 4156 30	5400 3300 40800 30900 16191 810 1620 6237 30	7200 4400 54400 41200 21588 1080 2160 8318 30	9000 5500 72000 51500 29076 1440 3240 10399 30	10800 7200 96000 61800 38464 1980 4770 13559 30	Y220L2-2 30kW	245					

01A性能参数表 Performance parameter table

泵型 Type	转速 speed (rpm)	流量 Q Capacity (m³/h)	扬程 H Head (m)	必需汽蚀余量 NPSHr (m)	效率 Efficiency (%)	功率 Power 电机 (kW)	出厂配置	叶轮 外径 (mm)	接口 口径 (mm)	接管口径 口径 (mm)	泵头 重量 (kg)		
CYA25/240	2900	80 11 136 103 53.9 2.7 7.2 54 20.78 30	160 22 272 206 107.8 5.4 14.4 108 30 30	240 33 408 309 161.7 8.1 21.6 162 30 30	320 44 544 412 215.6 10.8 28.8 216 30 30	400 55 720 515 290.4 14.4 38.4 270 30 30	Y220L2-2 5.5kW	264					
		480 110 1360 1030 539.7 27 54 207.8 30	960 220 2720 2060 1079.4 54 108 415.6 30	1440 330 4080 3090 1619.1 81 162 623.7 30	1920 440 5440 4120 2158.8 108 216 831.8 30	2400 550 7200 5150 2907.6 144 324 1039.9 30	2880 720 9600 6180 3846.4 198 477 1355.9 30	Y220L2-2 30kW	245				
		3600 1100 13600 10300 5397 270 540 2078 30	7200 2200 27200 20600 10794 540 1080 4156 30	10800 3300 40800 30900 16191 810 1620 6237 30	14400 4400 54400 41200 21588 1080 2160 8318 30	18000 5500 72000 51500 29076 1440 3240 10399 30	21600 7200 96000 61800 38464 1980 4770 13559 30	Y220M-2 30kW	245				

01A性能参数表 Performance parameter table

泵型 Type	转速 speed (rpm)	流量 Q Capacity (m³/h)	扬程 H Head (m)	必需汽蚀余量 NPSHr (m)	效率 Efficiency (%)	功率 Power 电机 (kW)	出厂配置	叶轮 外径 (mm)	接口 口径 (mm)	接管口径 口径 (mm)	泵头 重量 (kg)		
CYA30/180	2900	135 32.5 337.5 27 72 3.4 10.8 63 21.6 30	270 65 675 54 144 6.8 21.6 126 30 30	405 97.5 1012.5 81 216 10.2 32.4 189 30 30	540 130 1350 108 288 13.6 43.2 252 30 30	675 162.5 1665 144 378 17 64.8 315 30 30	Y225-2 7.5kW	329					
		810 270 1350 108 288 13.6 43.2 252 30 30	1215 405 2025 162 432 20.4 64.8 378 30 30	1620 540 2700 216 576 27 86.4 504 30 30	2025 720 3375 288 756 35.2 122.4 675 30 30	2430 900 4050 378 1008 43.2 151.2 810 30 30	2835 1080 4725 432 1344 57.6 194.4 945 30 30	Y225M-2 7.5kW	280				
		3645 1080 4725 432 1344 57.6 194.4 945 30 30	4725 1440 6270 576 1792 75.6 252 1215 30 30	5820 1800 7665 720 2328 100.8 338.4 1575 30 30	6915 2160 9150 864 3104 134.4 403.2 1935 30 30	8010 2520 10500 1008 3744 172.8 489.6 2295 30 30	9105 2880 11850 1152 4224 194.4 547.2 2655 30 30	Y220L2-2 30kW	174				

01A性能参数表 Performance parameter table

泵型 Type	转速 speed (rpm)	流量 Q Capacity (m³/h)	扬程 H Head (m)	必需汽蚀余量 NPSHr (m)	效率 Efficiency (%)	功率 Power 电机 (kW)	出厂配置	叶轮 外径 (mm)	接口 口径 (mm)	接管口径 口径 (mm)	泵头 重量 (kg)		
CYA35/150	2900	162 45.0 733.5 36 108 4.5 13.5 81 27 30	324 90 1467 72 216 9 27 162 30 30	486 135 2200.5 108 324 13.5 40.5 243 30 30	648 180 2934 144 432 18 54 324 30 30	810 225 3667.5 180 540 22.5 67.5 378 30 30	Y220L2-2 7.5kW	329					
		972 270 1467 72 216 9 27 162 30 30	1944 540 2934 144 432 18 54 324 30 30	2916 810 4401 216 648 27 81 486 30 30	3888 1080 5868 288 864 36 108 648 30 30	4860 1350 7335 378 1134 54 135 810 30 30	5832 1620 8802 468 1512 72 180 972 30 30	Y225M-2 7.5kW	280				
		3645 1080 4401 216 648 27 81 486 30 30	4725 1440 5868 288 864 36 108 648 30 30	5820 1800 7335 378 1134 54 135 810 30 30	6915 2160 8802 468 1512 72 180 972 30 30	8010 2520 10299 558 1944 90 225 1170 30 30	9105 2880 11766 648 2304 117 270 1335 30 30	Y220L2-2 30kW	174				

01A性能参数表 Performance parameter table

泵型 Type	转速 speed (rpm)	流量 Q Capacity (m³/h)	扬程 H Head (m)	必需汽蚀余量 NPSHr (m)	效率 Efficiency (%)	功率 Power 电机 (kW)	出厂配置	叶轮 外径 (mm)	接口 口径 (mm)	接管口径 口径 (mm)	泵头 重量 (kg)	
CYA40/120	1450	135 32.5 337.5 27 72 3.4 10.8 63 21.6 30	270 65 675 54 144 6.8 21.6 126 30 30	405 97.5 1012.5 81 216 10.2 32.4 189 30 30	540 130 1350 108 288 13.6 43.2 252 30 30	675 162.5 1665 144 378 17 64.8 315 30 30	Y225-2 7.5kW	329				
		810 270 1350 108 288 13.6 43.2 252 30 30	1215 405 2025 162 432 20.4 64.8 378 30 30	1620 540 2700 216 576 27 86.4 504 30 30	2025 720 3375 288 756 35.2 122.4 675 30 30	2430 900 4050 378 1008 43.2 151.2 810 30 30	2835 1080 4725 432 1344 57.6 194.4 945 30 30	Y225M-2 7.5kW	280			
		3645 1080 4725 432 1344 57.6 194.4 945 30 30	4725 1440 6270 576 1792 75.6 252 1215 30 30	5820 1800 7665 720 2328 100.8 338.4 1575 30 30	6915 2160 9150 864 3104 134.4 403.2 1935 30 30	8010 2520 10500 1008 3744 172.8 489.6 2295 30 30	9105 2880 11850 1152 4224 194.4 547.2 2655 30 30	Y220L2-2 30kW	174			

HY型泵参数表 Performance parameter table

泵型号 Type	转速 speed (rpm)	流量 Capacity (m³/h)	扬程 Head (m)	必需汽蚀余量 NPSHr (m)	功率 Power (kW)	效率 Efficiency (%)	电机 Motor	出厂配置	叶轮 叶轮 (mm)	出口口径 出口 (mm)	进口口径 进口 (mm)	重量 重量 (kg)	
HY150/500	1450	240	66.7	1056.7	75.5	24.7	2.8	92	69	71.52	75	Y315M-4 132kW	470
HY150/500	1450	480	133.3	2115.4	151	49.4	5.6	92	138	143.04	150	Y315L-4 110kW	445
HY200/260	1450	292	72.0	1141.19	64.0	3.9	7.8	21.86	22	23.82	25	Y200L-4 30kW	264
HY200/260	1450	584	144.0	2282.4	128.0	7.8	15.7	47.72	44	47.64	50	Y200L-4 30kW	264
HY250/260	1450	414	115.0	1822.8	81	45.9	3.1	10.2	81	81.00	22	Y180L-4 22kW	256
HY250/260	1450	828	230.0	3645.6	162.0	91.8	6.2	20.4	162	162.00	22	Y180M-4 22kW	245
HY300/320	1450	545	95.8	1519.0	35	114.8	3.2	10.5	72.5	45.36	55	Y280S-4 75kW	340
HY300/320	1450	1090	191.6	3038.0	70	229.6	6.4	21.0	90.72	90.72	55	Y280M-4 75kW	330
HY300/320	1450	1635	287.4	4557.0	105	344.4	9.6	31.5	136.08	136.08	55	Y280L-4 75kW	310
HY300/320	1450	2180	383.2	6076.0	140	459.2	12.8	42.0	181.44	181.44	55	Y315M-4 45kW	300
HY300/320	1450	4360	766.4	12152.0	280	918.4	25.6	84.0	362.88	362.88	55	Y315L-4 45kW	288
HY300/320	1450	6540	1149.6	18228.0	420	1377.6	38.4	126.0	544.32	544.32	55	Y315L-4 45kW	268
HY300/320	1450	8720	1532.8	24314.0	560	1836.8	51.2	168.0	725.76	725.76	55	Y315L-4 45kW	248
HY300/320	1450	10900	1916.0	30400.0	700	2296.0	64.0	210.0	907.20	907.20	55	Y315L-4 45kW	228
HY300/320	1450	13080	2309.2	36486.0	840	2755.2	76.8	252.0	1088.64	1088.64	55	Y315L-4 45kW	208
HY300/320	1450	15260	2692.4	42572.0	980	3214.4	89.6	294.0	1270.08	1270.08	55	Y315L-4 45kW	188
HY300/320	1450	17440	3075.6	48658.0	1120	3673.6	102.4	336.0	1461.52	1461.52	55	Y315L-4 45kW	168
HY300/320	1450	19620	3458.8	54744.0	1260	4132.8	115.2	378.0	1652.96	1652.96	55	Y315L-4 45kW	148
HY300/320	1450	21800	3842.0	60830.0	1400	4592.0	128.0	420.0	1844.40	1844.40	55	Y315L-4 45kW	128
HY300/320	1450	23980	4225.2	66916.0	1540	5051.2	140.8	462.0	2035.84	2035.84	55	Y315L-4 45kW	108
HY300/320	1450	26160	4608.4	73002.0	1680	5510.4	153.6	504.0	2227.28	2227.28	55	Y315L-4 45kW	88
HY300/320	1450	28340	4991.6	79088.0	1820	5969.6	166.4	546.0	2418.72	2418.72	55	Y315L-4 45kW	68
HY300/320	1450	30520	5374.8	85174.0	1960	6428.8	179.2	588.0	2610.16	2610.16	55	Y315L-4 45kW	48
HY300/320	1450	32700	5758.0	91260.0	2100	6888.0	192.0	630.0	2801.60	2801.60	55	Y315L-4 45kW	28
HY300/320	1450	34880	6141.2	97346.0	2240	7347.2	204.8	672.0	2993.04	2993.04	55	Y315L-4 45kW	8

HY型泵参数表 Performance parameter table

泵型号 Type	转速 speed (rpm)	流量 Capacity (m³/h)	扬程 Head (m)	必需汽蚀余量 NPSHr (m)	功率 Power (kW)	效率 Efficiency (%)	电机 Motor	出厂配置	叶轮 叶轮 (mm)	出口口径 出口 (mm)	进口口径 进口 (mm)	重量 重量 (kg)	
HY350/400	1450	550	152.8	2421.4	166.5	105.4	3.0	9.8	75.5	102.00	132	Y315L2-4 200kW	422
HY350/400	1450	1100	305.6	4842.8	333.0	210.8	6.0	19.6	151.00	264	264	Y315L2-4 200kW	380
HY350/400	1450	1650	458.4	7264.2	499.5	316.2	9.0	29.4	226.50	396	396	Y315L2-4 200kW	340
HY350/400	1450	2200	611.2	9685.6	666.0	421.6	12.0	39.2	298.00	528	528	Y315L2-4 200kW	300
HY350/400	1450	2750	764.0	12107.0	832.5	527.0	15.0	49.0	369.50	660	660	Y315L2-4 200kW	260
HY350/400	1450	3300	916.8	14528.4	1000.0	632.4	18.0	58.8	441.00	792	792	Y315L2-4 200kW	220
HY350/400	1450	3850	1069.6	16949.8	1167.5	737.8	21.0	68.6	512.50	936	936	Y315L2-4 200kW	180
HY350/400	1450	4400	1222.4	19371.2	1335.0	843.2	24.0	78.4	584.00	1080	1080	Y315L2-4 200kW	140
HY350/400	1450	4950	1375.2	21792.6	1502.5	948.6	27.0	88.2	655.50	1224	1224	Y315L2-4 200kW	100
HY350/400	1450	5500	1528.0	24214.0	1670.0	1054.0	30.0	98.0	727.00	1368	1368	Y315L2-4 200kW	80
HY350/400	1450	6050	1680.8	26635.4	1837.5	1159.4	33.0	107.8	798.50	1512	1512	Y315L2-4 200kW	60
HY350/400	1450	6600	1833.6	29056.8	2005.0	1264.8	36.0	117.6	870.00	1656	1656	Y315L2-4 200kW	40
HY350/400	1450	7150	1986.4	31478.2	2172.5	1370.2	39.0	127.4	941.50	1800	1800	Y315L2-4 200kW	20
HY350/400	1450	7700	2139.2	33900.0	2340.0	1475.6	42.0	137.2	1013.00	1944	1944	Y315L2-4 200kW	0
HY350/400	1450	8250	2292.0	36321.4	2507.5	1581.0	45.0	147.0	1084.50	2088	2088	Y315L2-4 200kW	0
HY350/400	1450	8800	2444.8	38742.8	2675.0	1686.4	48.0	156.8	1156.00	2232	2232	Y315L2-4 200kW	0
HY350/400	1450	9350	2597.6	41164.2	2842.5	1791.8	51.0	166.6	1227.50	2376	2376	Y315L2-4 200kW	0
HY350/400	1450	9900	2750.4	43585.6	3010.0	1897.2	54.0	176.4	1299.00	2520	2520	Y315L2-4 200kW	0
HY350/400	1450	10450	2903.2	46007.0	3177.5	2002.6	57.0	186.2	1370.50	2664	2664	Y315L2-4 200kW	0
HY350/400	1450	11000	3056.0	48428.4	3345.0	2108.0	60.0	196.0	1442.00	2808	2808	Y315L2-4 200kW	0
HY350/400	1450	11550	3208.8	50849.8	3512.5	2213.4	63.0	205.8	1513.50	2952	2952	Y315L2-4 200kW	0
HY350/400	1450	12100	3361.6	53271.2	3680.0	2318.8	66.0	215.6	1585.00	3096	3096	Y315L2-4 200kW	0
HY350/400	1450	12650	3514.4	55692.6	3847.5	2424.2	69.0	225.4	1656.50	3240	3240	Y315L2-4 200kW	0
HY350/400	1450	13200	3667.2	58114.0	4015.0	2529.6	72.0	235.2	1728.00	3384	3384	Y315L2-4 200kW	0
HY350/400	1450	13750	3820.0	60535.4	4182.5	2635.0	75.0	245.0	1799.50	3528	3528	Y315L2-4 200kW	0
HY350/400	1450	14300	3972.8	62956.8	4350.0	2740.4	78.0	254.8	1871.00	3672	3672	Y315L2-4 200kW	0
HY350/400	1450	14850	4125.6	65378.2	4517.5	2845.8	81.0	264.6	1942.50	3816	3816	Y315L2-4 200kW	0
HY350/400	1450	15400	4278.4	67799.6	4685.0	2951.2	84.0	274.4	2014.00	3960	3960	Y315L2-4 200kW	0
HY350/400	1450	15950	4431.2	70221.0	4852.5	3056.6	87.0	284.2	2085.50	4104	4104	Y315L2-4 200kW	0
HY350/400	1450	16500	4584.0	72642.4	5020.0	3162.0	90.0	294.0	2157.00	4248	4248	Y315L2-4 200kW	0
HY350/400	1450	17050	4736.8	75063.8	5187.5	3267.4	93.0	303.8	2228.50	4392	4392	Y315L2-4 200kW	0
HY350/400	1450	17600	4889.6	77485.2	5355.0	3372.8	96.0	313.6	2300.00	4536	4536	Y315L2-4 200kW	0
HY350/400	1450	18150	5042.4	79906.6	5522.5	3478.2	99.0	323.4	2371.50	4680	4680	Y315L2-4 200kW	0
HY350/400	1450	18700	5195.2	82328.0	5690.0	3583.6	102.0	333.2	2443.00	4824	4824	Y315L2-4 200kW	0
HY350/400	1450	19250	5348.0	84749.4	5857.5	3689.0	105.0	343.0	2514.50	4968	4968	Y315L2-4 200kW	0
HY350/400	1450	19800	5500.8	87170.8	6025.0	3794.4	108.0	352.8	2586.00	5112	5112	Y315L2-4 200kW	0
HY350/400	1450	20350	5653.6	89592.2	6192.5	3900.0	111.0	362.6	2657.50	5256	5256	Y315L2-4 200kW	0
HY350/400	1450	20900	5806.4	92013.6	6360.0	4005.4	114.0	372.4	2729.00	5400	5400	Y315L2-4 200kW	0
HY350/400	1450	21450	5959.2	94435.0	6527.5	4110.8	117.0	382.2	2800.50	5544	5544	Y315L2-4 200kW	0
HY350/400	1450	22000	6112.0	96856.4	6695.0	4216.2	120.0	392.0	2872.00	5688	5688	Y315L2-4 200kW	0
HY350/400	1450	22550	6264.8	99277.8	6862.5	4321.6	123.0	401.8	2943.50	5832	5832	Y315L2-4 200kW	0
HY350/400	1450	23100	6417.6	101699.2	7030.0	4427.0	126.0	411.6	3015.00	5976	5976	Y315L2-4 200kW	0
HY350/400	1450	23650	6570.4	104120.6	7197.5	4532.4	129.0	421.4	3086.50	6120	6120	Y315L2-4 200kW	0
HY350/400	1450	24200	6723.2	106542.0	7365.0	4637.8	132.0	431.2	3158.00	6264	6264	Y315L2-4 200kW	0
HY350/400	1450	24750	6876.0	108963.4	7532.5	4743.2	135.0	441.0	3229.50	6408	6408	Y315L2-4 200kW	0