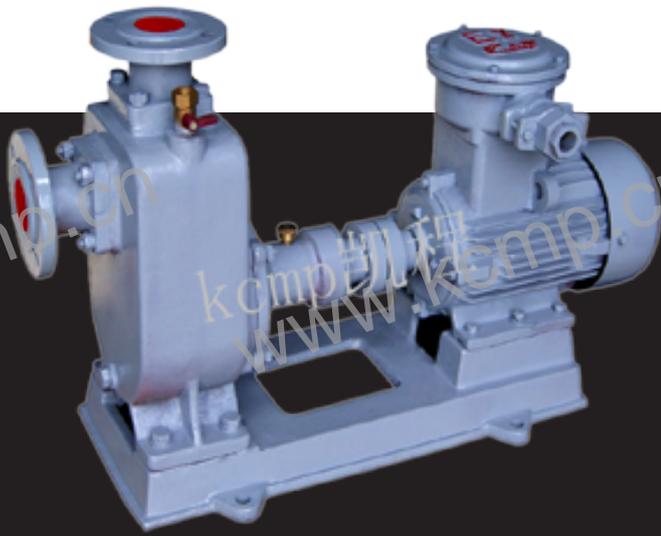


用心服务 · 品质卓越



CYZ-A型自吸式离心泵 CYZ-A SELF-PRIMING CENTRIFUGAL OIL PUMPS

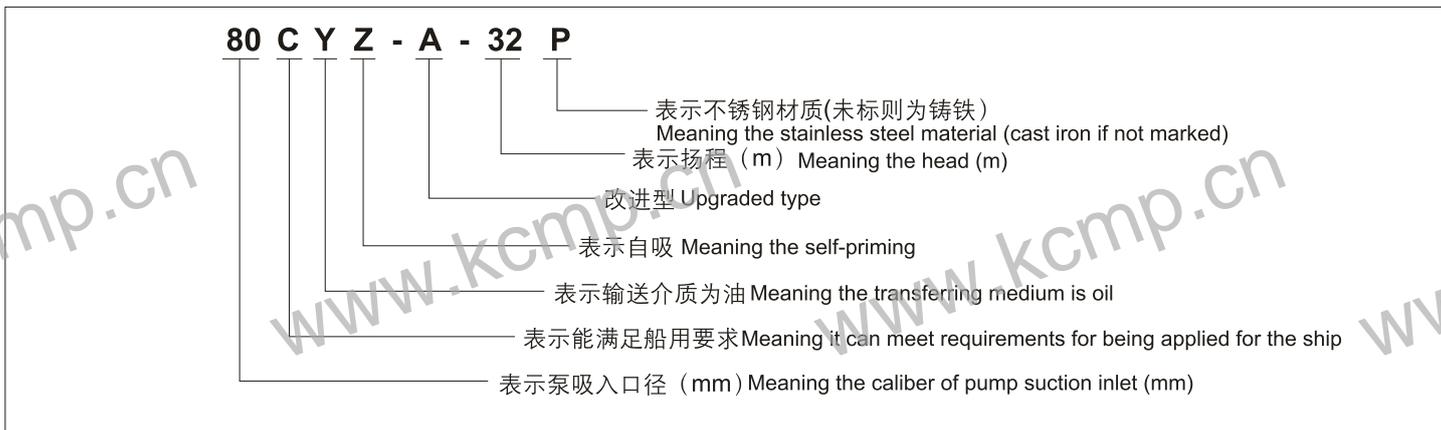
产品说明书 Product specification

CYZ-A型自吸式离心油泵简介 Brief Introduction of CYZ-A Self-Priming Centrifugal Oil Pumps

▶ CYZ-A型自吸式离心油泵 CYZ-A Self-Priming Centrifugal Oil Pumps



▶ 型号意义 Designation



▶ 概述 Overview

CYZ-A型自吸式离心油泵是根据国内外有关技术资料经消化、吸收、改进后研制而成的最新泵类产品，广泛适用于油库、加油站、油轮、油船、码头、油罐车、机场，分别输送汽油、煤油、柴油、航煤等，如改用耐腐蚀机械密封和不锈钢材质还可以适用于化工、制药、酿造、电镀、印染、造纸、电力矿山等，输送介质温度-20℃~80℃，粘度≤100厘珀，含固量可达30%以下。

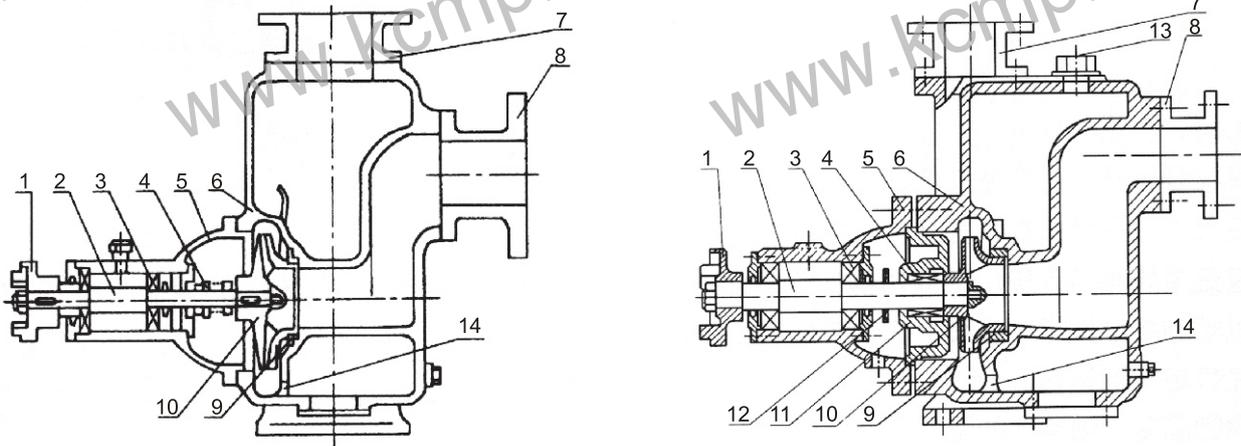
CYZ-A self-priming centrifugal oil pump is the latest kind of pump developed by us after studying relevant technical data both at home and abroad and also making improvement. It is widely applied in oil houses, gas stations, oil tankers, tankships, docks, tank trucks and airports for the transfer of gas, coal oil, diesel oil, aviation fuel and so on. If adopting the corrosion-proof mechanical seal and stainless steel material, it can also be applied for chemical industry, pharmacy, brewage, electroplate, printing and dyeing, paper making, electricity power, mines, etc. The temperature of its transferring medium ranges from -20℃~80℃; viscosity ≤ 100 centipoise and solid content below 30%.

▶ 特点 Features

- 该泵属自吸式离心泵，它具有结构简单、操作方便、运行平稳、维护容易、效率高、寿命长，具有较强的自吸能力等优点。管路中不需底阀，工作前只需保证泵体内储有定量引油即可。用于油轮或输水船舶上时，可兼作扫舱泵，扫舱效果良好。
- 该泵是选用优质材料精作而成，密封采用硬质合金机械密封，经久耐用，吐出管路不需要安装安全阀，吸入管路不需要安装底阀，因此简化了管路系统，又改善了劳动条件。
- This is a kind of self-priming centrifugal pump, featured by a simple structure, easy and stable operation, easy maintenance, high efficiency, long life, strong self-priming capacity, etc.
- The foot valve is unnecessary for the pipeline. Just make sure there is quantitative oil in the pump body before the operation. When used for the oil tanker or the water transport ship, it can be used as the stripping pump meanwhile with good performance in sweeping. It is elaborated with top-grade materials with hard alloy mechanical seal, lasting and durable. It is unnecessary to mount the safety valve for the discharge line and the foot valve for the suction line, thus simplifying the pipeline system and improving the working condition.

CYZ-A型泵结构图 Structural Drawing of CYZ-A Pumps

结构图 Structural Drawing



1	联轴器 Coupling	2	泵轴 Pump shaft	3	轴承 Bearing	4	机械密封 Mechanical seal	5	轴承体 Bearing body	6	泵壳 Pump case	7	出口座 Outlet base
8	进口座 Inlet base	9	前密封环 Front seal ring	10	叶轮 Impeller	11	后盖 Rear cover	12	挡水圈 Water deflector	13	加液孔 Filling port	14	回液孔 Liquid return port

工作原理与结构说明 Working Principle and Structure Statement

该泵均采用轴向回液的泵体结构。泵体由吸入室、储液室、涡卷室、回液孔、气液分离室等组成，泵正常启动后，叶轮将吸入室所存的液体及吸入管路中的空气一起吸入，并在叶轮内得以完全混合，在离心力的作用下，液体夹带着气体向涡卷室外缘流动，在叶轮的外缘上形成有一定厚度的白色泡沫带及高速旋转液环。气液混合物通过扩散管进入气液分离室。此时，由于流速突然降低，较轻的气体从混合气液中被分离出来，气体通过泵体吐出继续上升排出。脱气后的液体回到储液室，并由回流孔再次进入叶轮，与叶轮内部从吸入管路中吸入的气体再次混合，在高速旋转的叶轮作用下，又流向叶轮外缘……随着这个过程周而复始地进行下去，吸入管路中的空气不断减少，直到吸尽气体，完成自吸过程，泵便投入正常作业。

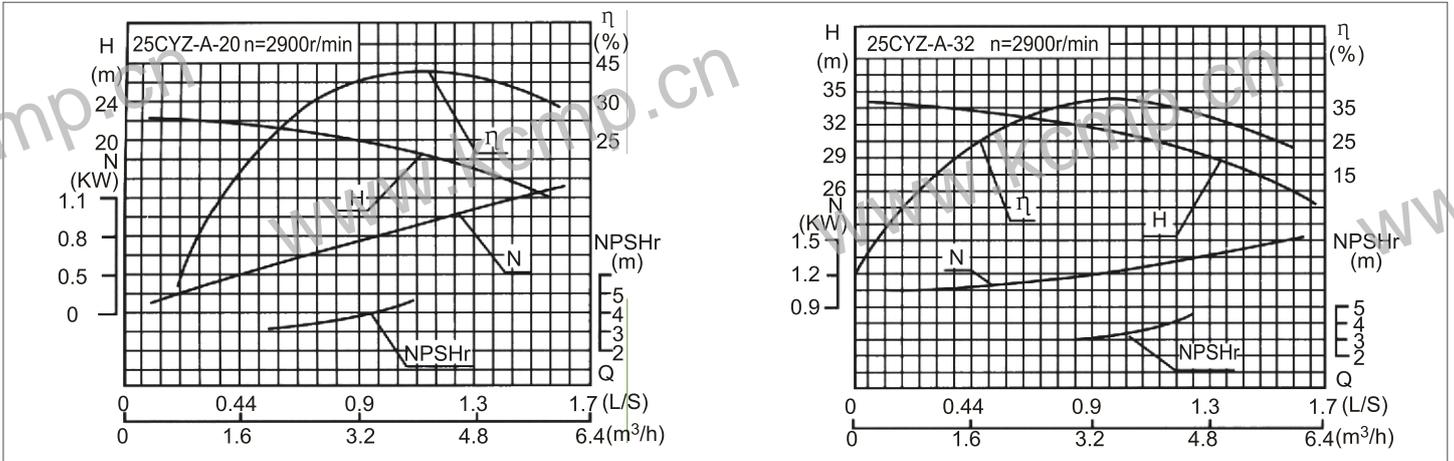
在一些泵的轴承体底部还设有冷却室。当轴承发热引起轴承体温升超过 70°C 时，可在冷却室处通过任意一只冷却液管接头，注入冷却液循环冷却。泵内部防止液体由高压区向低压区泄漏的密封机构是前后密封环，前密封环装在泵体上，后密封环装在轴承体上，当泵经长期运转密封环磨损到一定程度，并影响到泵的效率 and 自吸性能时，应给予更换。

The pump adopts a pump body structure with axial return of liquid. The pump body consists of suction chamber, liquid storage chamber, turbination chamber, liquid return port, gas-liquid separation chamber, etc. After the pump starts normally, the impeller will suck the liquid in the suction chamber and the air in the inlet line so that the both can mix fully in the impeller. Due to the centrifugal force, the liquid along with the gas flows towards the outer edge of the turbination chamber and then a belt of white foam with a certain thickness and a liquid ring with high-speed rotation come into being on the outer edge of the impeller. The gas-liquid mixture enters the gas-liquid separation chamber through the diffusion tube. Here the lighter gas will be separated from the mixture and rise up and be discharged out of the pump body outlet as the flow speed reduces suddenly. The liquid separated from the gas will return to the liquid storage chamber and enter the impeller again through the return port which mixes again with the gas in the impeller sucked from the inlet line. It then flows towards the outer edge of the impeller due to the high-speed rotation of the impeller……As this process goes round and round, the air in the inlet pipe will reduce constantly until the gas is suctioned out and the self-priming is completed. Then the pump will begin to work normally.

For some pumps, a cooling chamber will additionally be mounted on the bottom of the bearing body. When the bearing heats and its temperature exceeds 70°C , the cooling liquid can be injected through any connection of cooling liquid pipe of the cooling chamber for the circulating cooling. A front-back seal ring structure is adopted in the pump to prevent the liquid from leaking from the high-pressure area to the low-pressure area. The front seal ring is mounted on the pump body while the back seal ring mounted on the bearing body. They should be changed when they are so worn-out that they have an effect on the efficiency and self-priming performance of the pump after the operation for a long time.

CYZ-A型泵性能曲线图、性能参数表及安装尺寸图表 Performance Curve, Performance Parameters and Installation Dimensions Drawing、Table of CYZ-A Pumps

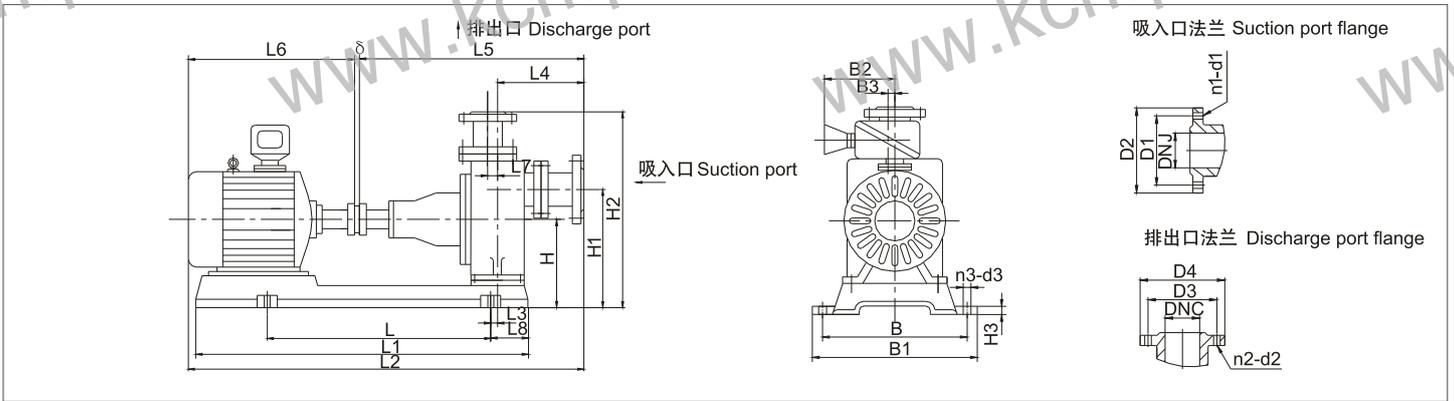
▶ **性能曲线图** Performance Curve



▶ **性能参数表** Performance Parameters

Type	流量Q Capacity		Head (m)	Suction lift (m)	r/min Speed	Self-priming performance (min/5m)	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg)
泵型号	(m³/h)	(L/S)	扬程	吸程	转速	自吸性能	轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	机组重量
25CYZ-A-20	3.2	0.9	20	6.5	2900	1.9	0.8	1.1	25	25	72
25CYZ-A-32	3.2	0.9	32	6.5	2900	1.8	1.2	1.5	25	25	80

▶ **安装尺寸图** Installation Dimensions Drawing



▶ **安装尺寸表** Installation Dimensions

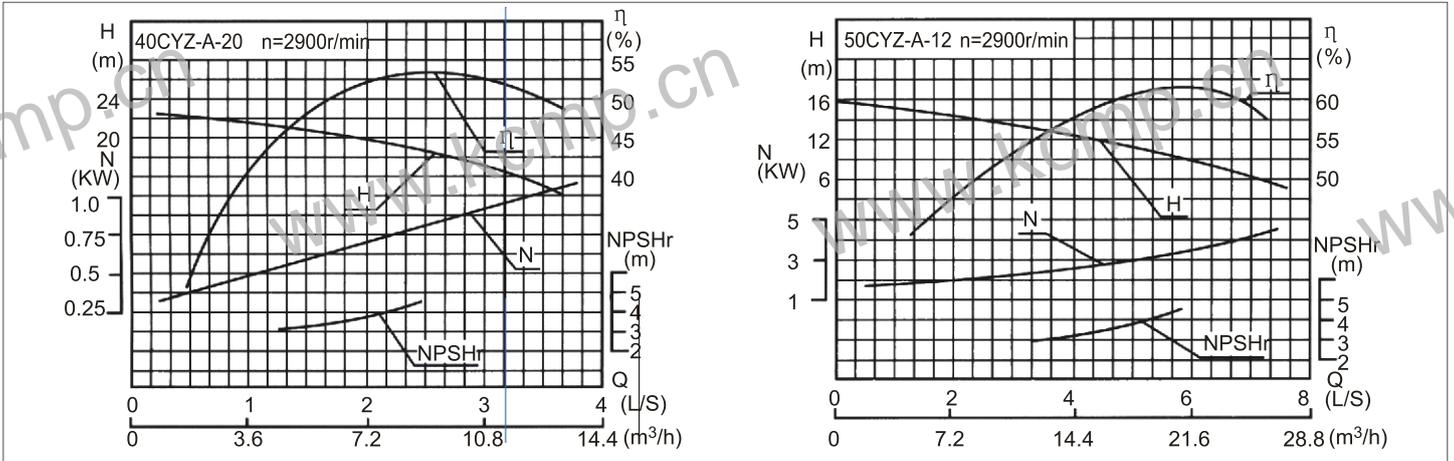
Type	Motor Type	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
25CYZ-A-20	YB802-2	320	615	791	75	155	450	339	38	155	2	95	300	436	20
25CYZ-A-32	YB90S-2	350	580	732	45	125	391	339	重合 Polymerization	115	2	200	320	450	15

▶ **安装尺寸表** Installation Dimensions

Type	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
25CYZ-A-20	280	320	225	4	4-14	25	75	100	4-12	25	75	100	4-12
25CYZ-A-32	300	330	225	重合 Polymerization	4-12	25	75	100	4-12	25	75	100	4-12

CYZ-A型泵性能曲线图、性能参数表及安装尺寸图表 Performance Curve, Performance Parameters and Installation Dimensions Drawing、Table of CYZ-A Pumps

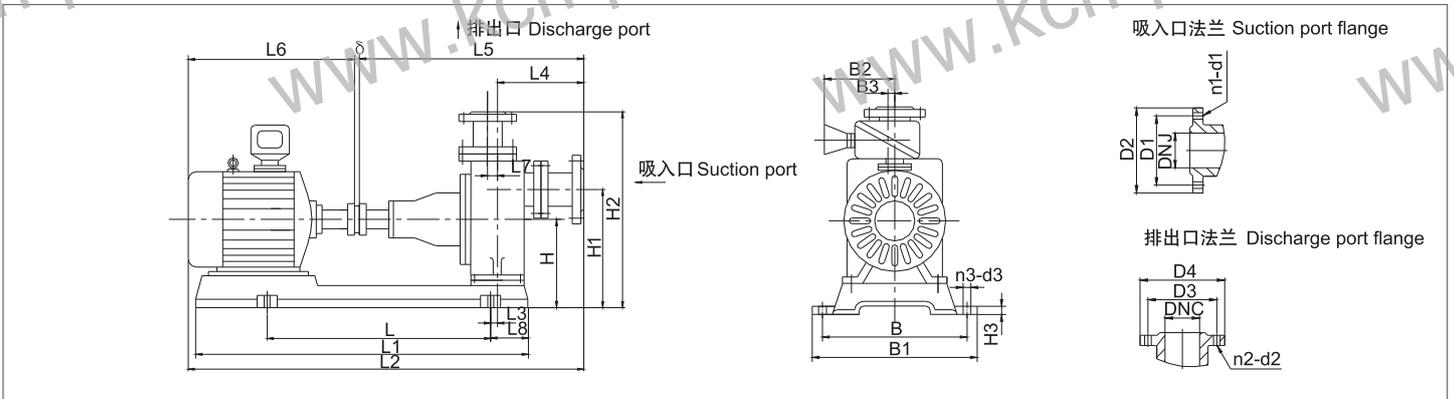
▶ **性能曲线图** Performance Curve



▶ **性能参数表** Performance Parameters

Type 泵型号	流量Q Capacity		Head (m) 扬程	Suction lift (m) 吸程	Speed 转速	Self-priming performance (min/5m) 自吸性能	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg) 机组重量
	(m³/h)	(L/S)					轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	
40CYZ-A-20	6.3	1.8	20	6.5	2900	1.9	1.1	1.5	40	32	85
40CYZ-A-40	10	2.8	40	6.5	2900	1.5	2.7	4	40	40	138
50CYZ-A-12	15	4.2	12	6.5	2900	2.4	1.1	1.5	50	50	90

▶ **安装尺寸图** Installation Dimensions Drawing



▶ **安装尺寸表** Installation Dimensions

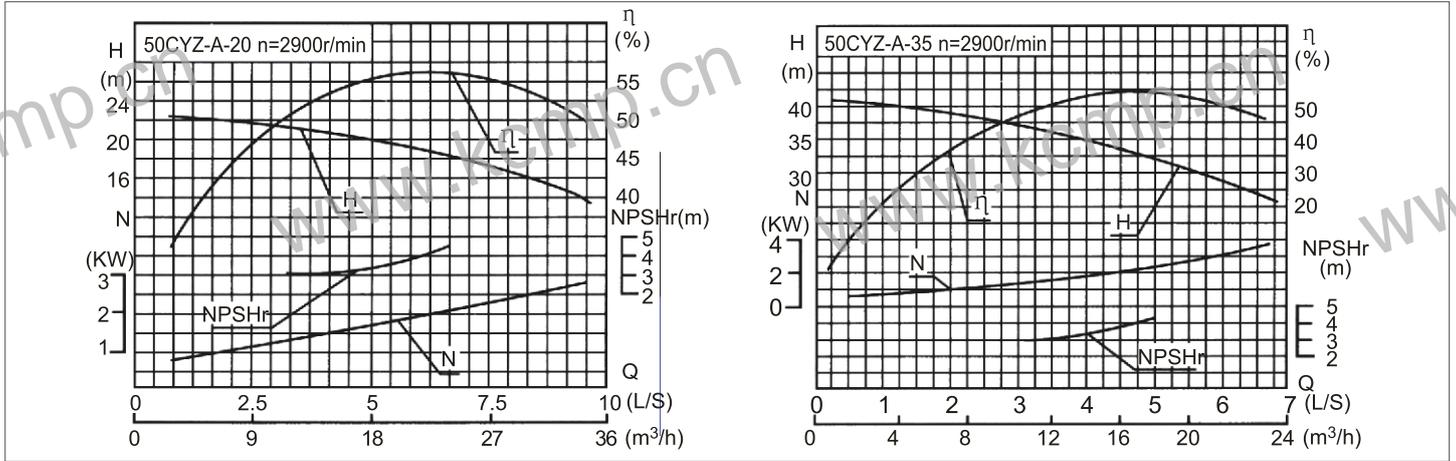
Type 泵型号	Motor Type 电机型号	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
40CYZ-A-20	YB90S-2	320	615	791	75	155	450	339	38	150	2	195	300	436	20
40CYZ-A-40	YB112M-2	500	795	990	33	173	515	470	重合 Polyme- rization	145	3	220	380	530	30
40CYZ-A-50	YB100L-2	440	680	880	50	148	438	440	重合 Polyme- rization	120	2	223	433	593	25
50CYZ-A-12	YB90S-2	320	615	777	80	131	406	369	重合 Polyme- rization	150	2	185	305	436	20

▶ **安装尺寸表** Installation Dimensions

Type 泵型号	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
40CYZ-A-20	280	320	225	重合 Polyme- rization	4-14	40	100	130	4-14	32	100	120	4-14
40CYZ-A-40	370	410	225	重合 Polyme- rization	4-14	40	100	130	4-14	40	100	130	4-14
40CYZ-A-50	320	360	225	4	4-14	40	100	130	4-14	40	100	130	4-14
50CYZ-A-12	280	320	225	4.5	4-14	50	110	140	4-14	50	110	140	4-14

CYZ-A型泵性能曲线图、性能参数表及安装尺寸图表 Performance Curve, Performance Parameters and Installation Dimensions Drawing、Table of CYZ-A Pumps

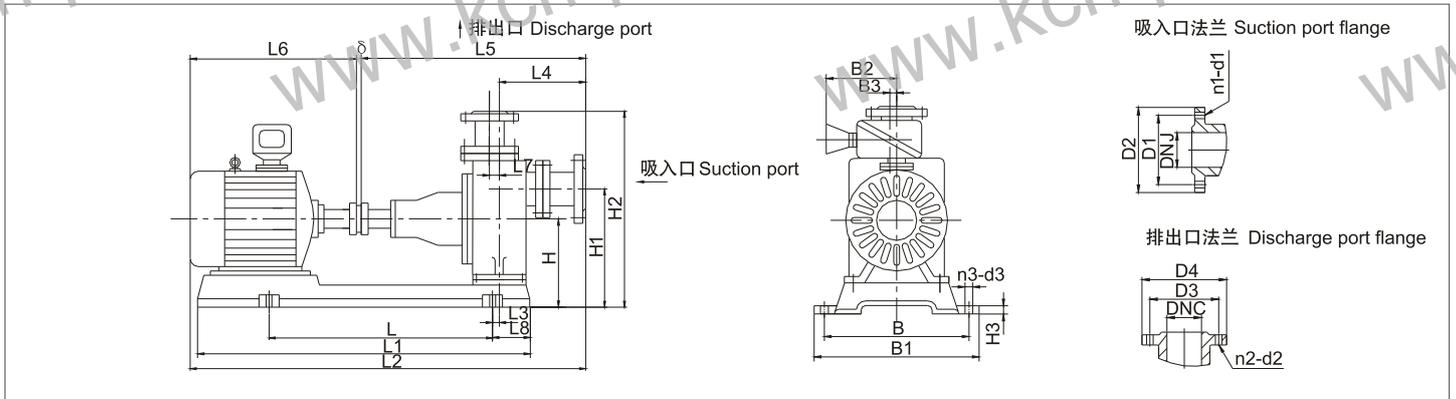
▶ **性能曲线图** Performance Curve



▶ **性能参数表** Performance Parameters

Type 泵型号	流量Q Capacity		Head (m) 扬程	Suction lift (m) 吸程	r/min Speed 转速	Self-priming performance (min/5m) 自吸性能	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg) 机组重量
	(m³/h)	(L/S)					轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	
50CYZ-A-20	18	5	20	6.5	2900	1.9	1.8	2.2	50	50	98
50CYZ-A-30	20	5.6	30	6.5	2900	1.5	2.6	4	50	50	140
50CYZ-A-35	14	3.9	35	6.5	2900	1.5	2.7	4	50	50	145

▶ **安装尺寸图** Installation Dimensions Drawing



▶ **安装尺寸表** Installation Dimensions

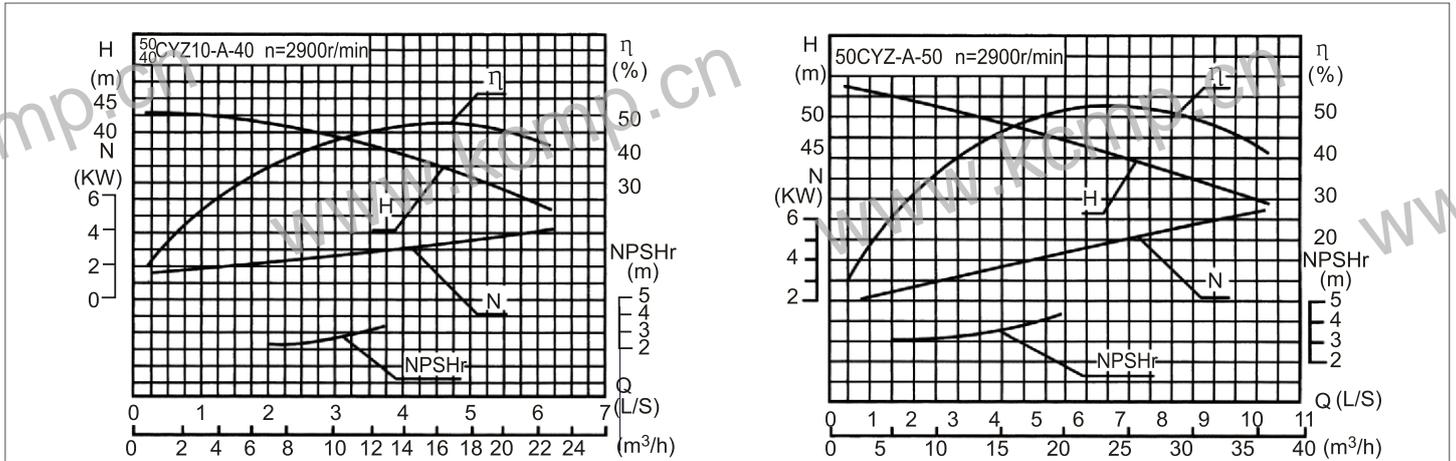
Type 泵型号	Motor Type 电机型号	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
50CYZ-A-20	YB90L-2	440	680	833	25	152	436	394	重合 Polyme- rization	120	3	193	323	475	25
50CYZ-A-30	YB112M-2	500	795	990	33	173	515	470	重合 Polyme- rization	145	3	220	380	530	30
50CYZ-A-35	YB112M-2	500	795	990	33	173	515	470	重合 Polyme- rization	145	3	220	380	530	30

▶ **安装尺寸表** Installation Dimensions

Type 泵型号	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
50CYZ-A-20	320	360	225	7	4-14	50	110	140	4-14	50	110	140	4-14
50CYZ-A-30	370	410	225	重合 Polyme- rization	4-14	50	110	140	4-14	50	110	140	4-14
50CYZ-A-35	370	410	225	重合 Polyme- rization	4-14	50	110	140	4-14	50	110	140	4-14

CYZ-A型泵性能曲线图、性能参数表及安装尺寸图表 Performance Curve, Performance Parameters and Installation Dimensions Drawing、Table of CYZ-A Pumps

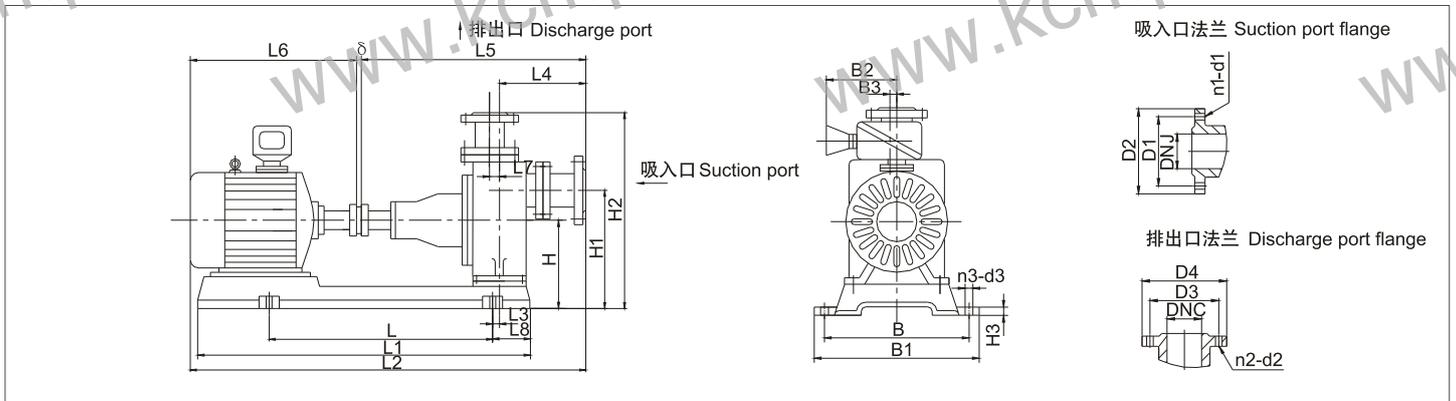
性能曲线图 Performance Curve



性能参数表 Performance Parameters

Type	流量Q Capacity		Head (m)	Suction lift (m)	r/min Speed	Self-priming performance (min/5m)	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg)
泵型号	(m³/h)	(L/S)	扬程	吸程	转速	自吸性能	轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	机组重量
50CYZ-A-40	10	2.8	40	6.5	2900	1.5	2.7	4	50	50	145
50CYZ-A-50	12.5	3.5	50	6.5	2900	1.4	4.3	5.5	50	50	160

安装尺寸图 Installation Dimensions Drawing



安装尺寸表 Installation Dimensions

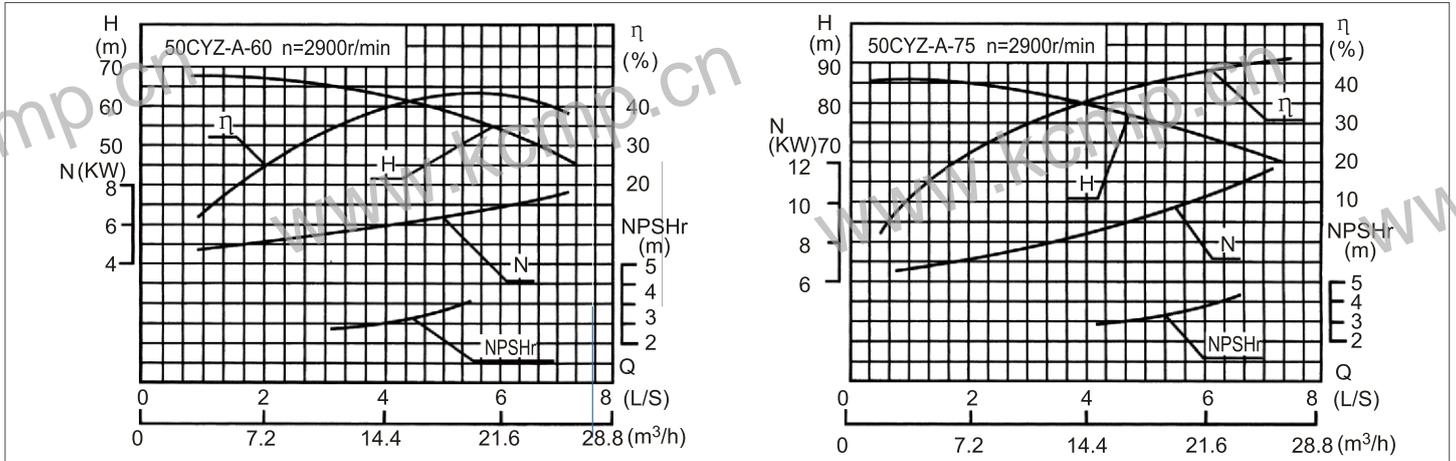
Type	Motor Type	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
50CYZ-A-40	YB112M-2	500	795	990	33	173	515	470	重合 Polymerization	145	3	220	380	530	30
50CYZ-A-50	YB132S1-2	480	870	977	74	142	454	520	重合 Polymerization	195	3	220	380	540	30

安装尺寸表 Installation Dimensions

Type	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
50CYZ-A-40	370	410	225	重合 Polymerization	4-14	50	110	140	4-14	50	110	140	4-14
50CYZ-A-50	360	404	240	5	4-18	50	110	140	4-14	50	110	140	4-14

CYZ-A型泵性能曲线图、性能参数表及安装尺寸图表 Performance Curve, Performance Parameters and Installation Dimensions Drawing、Table of CYZ-A Pumps

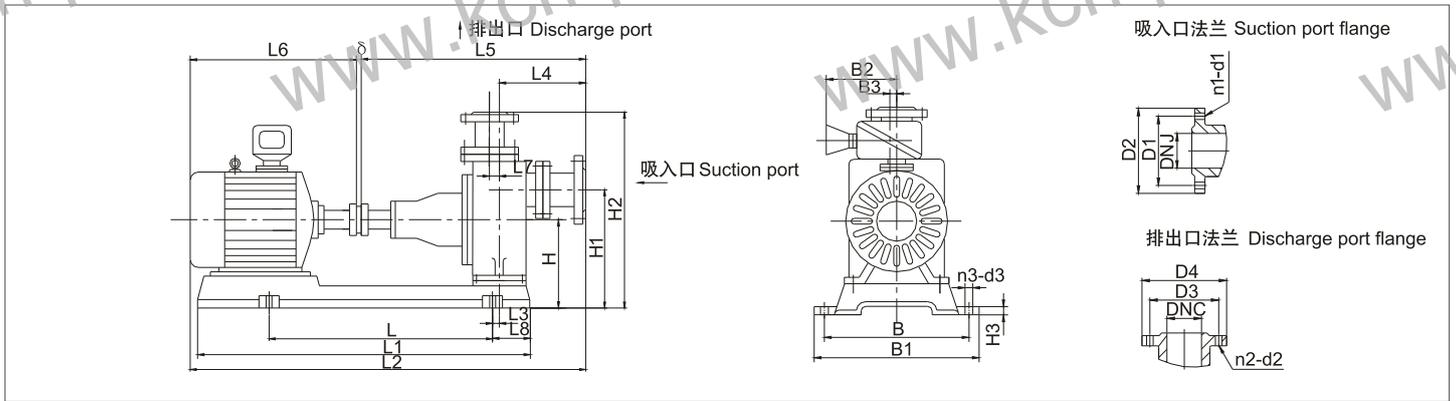
▶ **性能曲线图** Performance Curve



▶ **性能参数表** Performance Parameters

Type 泵型号	流量Q Capacity ↔ ↔		Head (m) 扬程	Suction lift (m) 吸程	Speed (r/min) 转速	Self-priming performance (min/5m) 自吸性能	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg) 机组重量
	(m³/h)	(L/S)					轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	
50CYZ-A-60	15	4.2	60	6.5	2900	1.3	6.2	7.5	50	50	190
50CYZ-A-75	20	5.6	75	6.5	2900	1.3	9.8	11	50	50	240

▶ **安装尺寸图** Installation Dimensions Drawing



▶ **安装尺寸表** Installation Dimensions

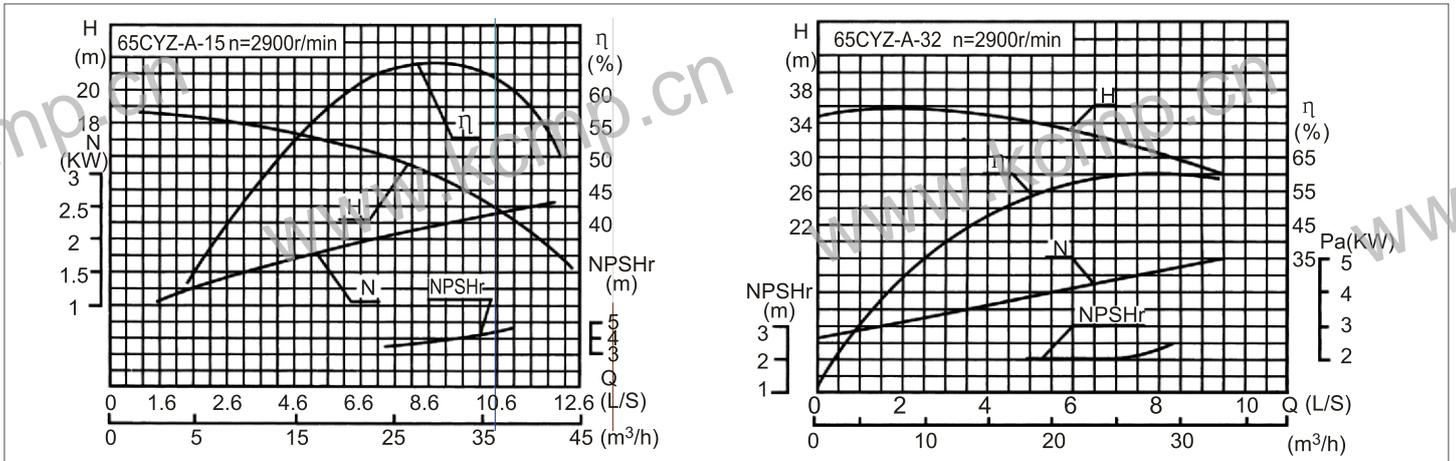
Type 泵型号	Motor Type 电机型号	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
50CYZ-A-60	YB132S2-2	510	870	1064	60.5	230	541	520	重△Polyme rization	180	3	270	440	600	25
50CYZ-A-75	YB160M1-2	600	1000	1212	87.5	230	541	668	重△Polyme rization	200	3	280	450	630	25

▶ **安装尺寸表** Installation Dimensions

Type 泵型号	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
50CYZ-A-60	380	410	240	8	4-18	50	125	160	4-18	50	125	160	4-18
50CYZ-A-75	415	445	240	8	4-18	50	125	160	4-18	50	125	160	4-18

CYZ-A型泵性能曲线图、性能参数表及安装尺寸图表 Performance Curve, Performance Parameters and Installation Dimensions Drawing、Table of CYZ-A Pumps

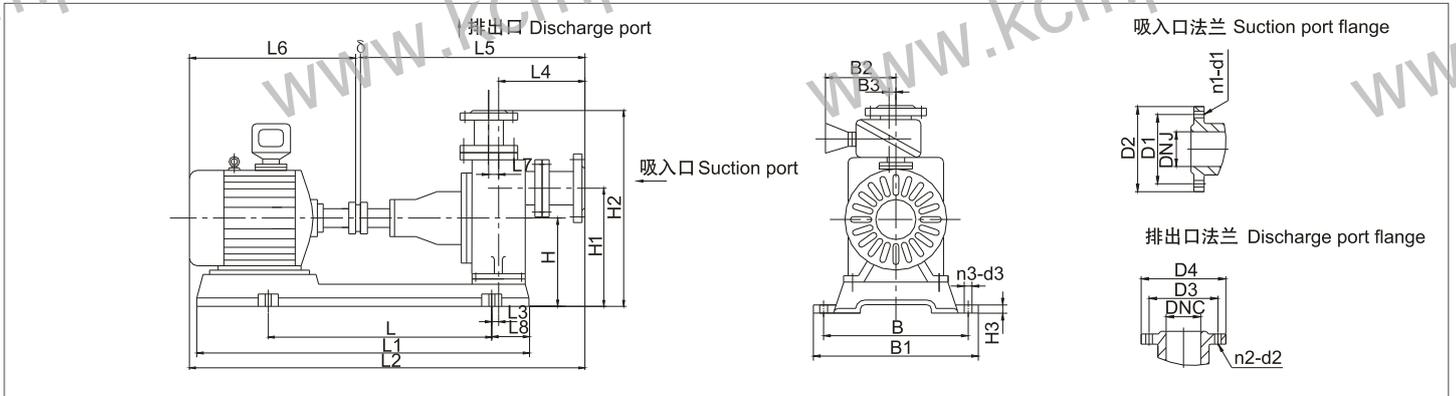
▶ **性能曲线图** Performance Curve



▶ **性能参数表** Performance Parameters

Type	流量Q Capacity		Head (m)	Suction lift (m)	Speed (r/min)	Self-priming performance (min/5m)	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg)
泵型号	(m³/h)	(L/S)	扬程	吸程	转速	自吸性能	轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	机组重量
65CZ-A-15	30	8.3	15	6.5	2900	2	2.1	3	65	65	100
65CZ-A-32	25	6.9	32	6	2900	1.5	4.4	5.5	65	65	165

▶ **安装尺寸图** Installation Dimensions Drawing



▶ **安装尺寸表** Installation Dimensions

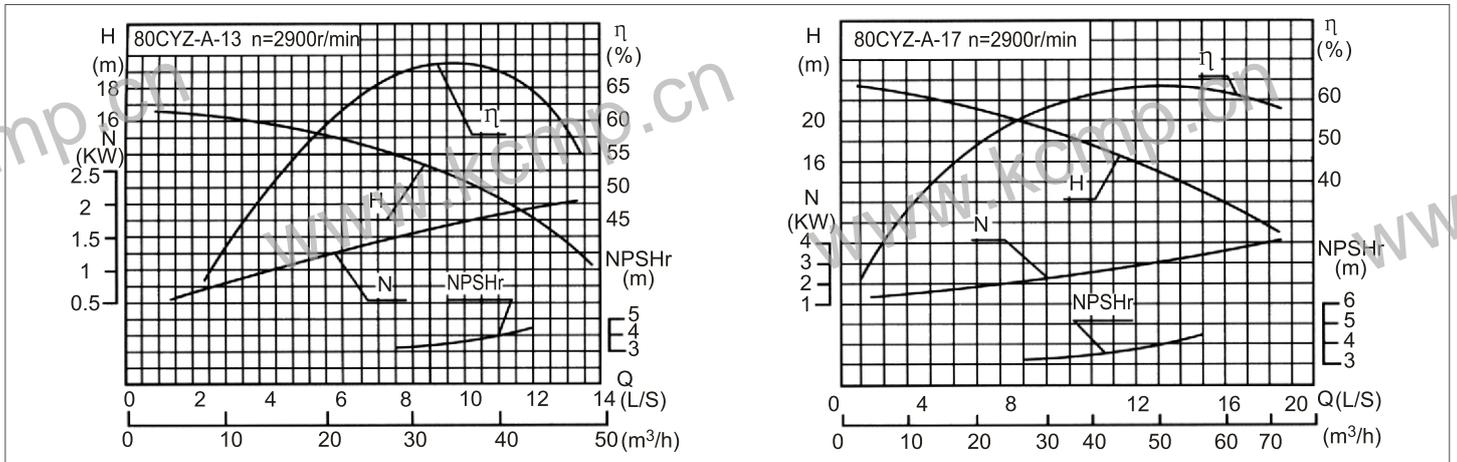
Type	Motor Type	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
65CZ-A-15	YB100L-2	440	680	864	36	135	421	440	重合 Polymerization	120	3	203	333	473	25
65CZ-A-32	YB132S1-2	480	870	989	63	148	466	520	重合 Polymerization	195	3	220	370	530	30

▶ **安装尺寸表** Installation Dimensions

Type	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口径法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
65CZ-A-15	320	360	225	8	4-14	65	130	160	4-14	65	130	140	4-14
65CZ-A-32	360	404	240	8	4-18	65	130	160	4-18	65	130	140	4-18

CYZ-A型泵性能曲线图、性能参数表及安装尺寸图表 Performance Curve, Performance Parameters and Installation Dimensions Drawing, Table of CYZ-A Pumps

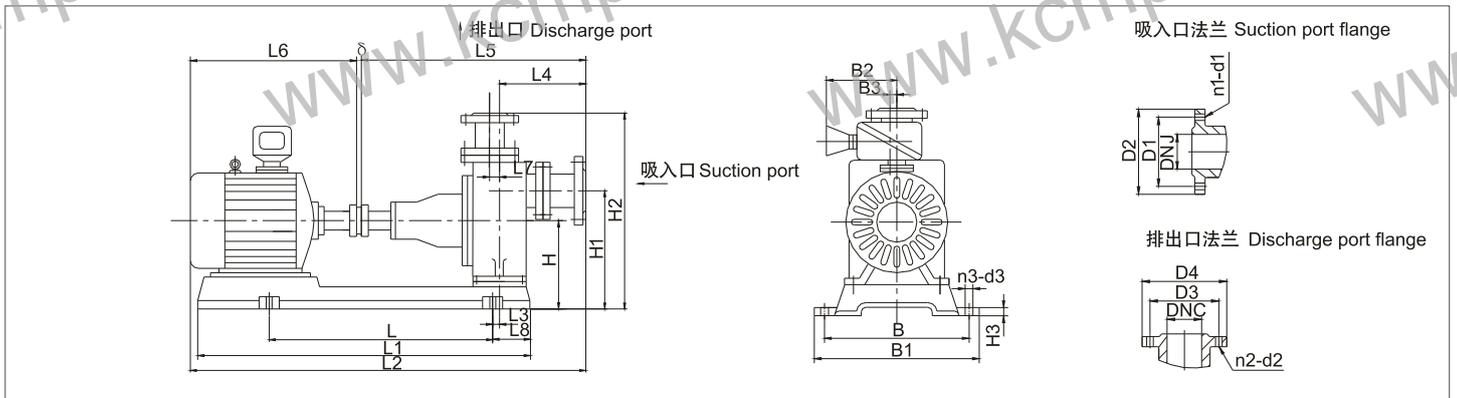
▶ **性能曲线图** Performance Curve



▶ **性能参数表** Performance Parameters

Type	流量Q Capacity		Head (m)	Suction lift (m)	Speed	Self-priming performance (min/5m)	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg)
泵型号	(m³/h)	(L/S)	扬程	吸程	转速	自吸性能	轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	机组重量
80CZ-A-13	35	9.7	13	6	2900	3.4	1.9	3	80	80	107
80CZ-A-17	43	12	17	6	2900	1.8	3.1	4	80	80	156

▶ **安装尺寸图** Installation Dimensions Drawing



▶ **安装尺寸表** Installation Dimensions

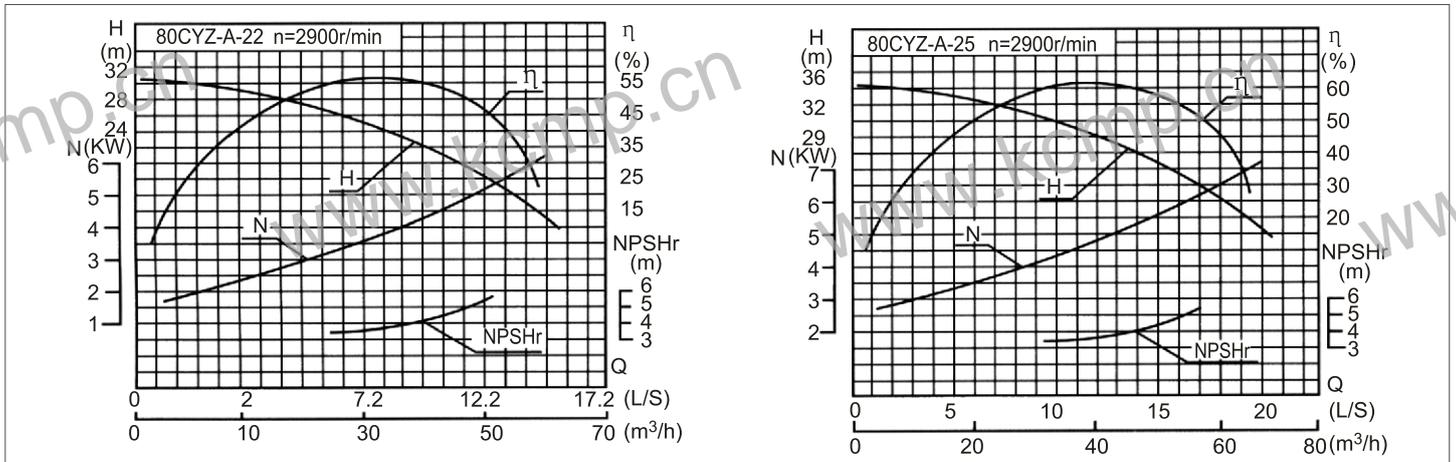
Type	Motor Type	外形及安装尺寸(mm) Outline and Installation Dimensions													
泵型号	电机型号	L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
80CZ-A-13	YB100L-2	440	680	884	42	145	441	440	重合 Polymerization	120	3	203	343	493	25
80CZ-A-17	YB112M-2	500	795	949	25	152	476	470	重合 Polymerization	145	3	220	370	530	30

▶ **安装尺寸表** Installation Dimensions

Type	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
泵型号	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
80CZ-A-13	320	360	225	9	4-14	80	150	185	4-18	80	150	160	4-18
80CZ-A-17	370	410	225	12	4-14	80	150	185	4-18	80	150	160	4-18

CYZ-A型泵性能曲线图、性能参数表及安装尺寸图表 Performance Curve, Performance Parameters and Installation Dimensions Drawing、Table of CYZ-A Pumps

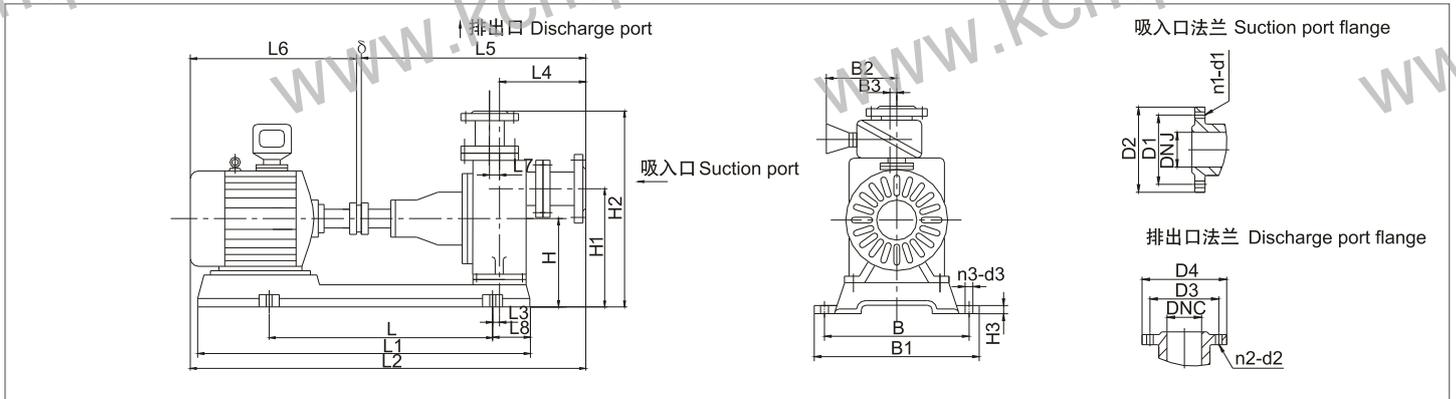
性能曲线图 Performance Curve



性能参数表 Performance Parameters

Type	流量Q Capacity		Head (m)	Suction lift (m)	转速 Speed	Self-priming performance (min/5m)	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg)
泵型号	(m³/h)	(L/S)	扬程	吸程	转速	自吸性能	轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	机组重量
80CYZ-A-22	40	11.1	22	6	2900	1.9	4.4	5.5	80	80	169
80CYZ-A-25	50	13.9	25	6	2900	1.5	5.2	7.5	80	80	177

安装尺寸图 Installation Dimensions Drawing



安装尺寸表 Installation Dimensions

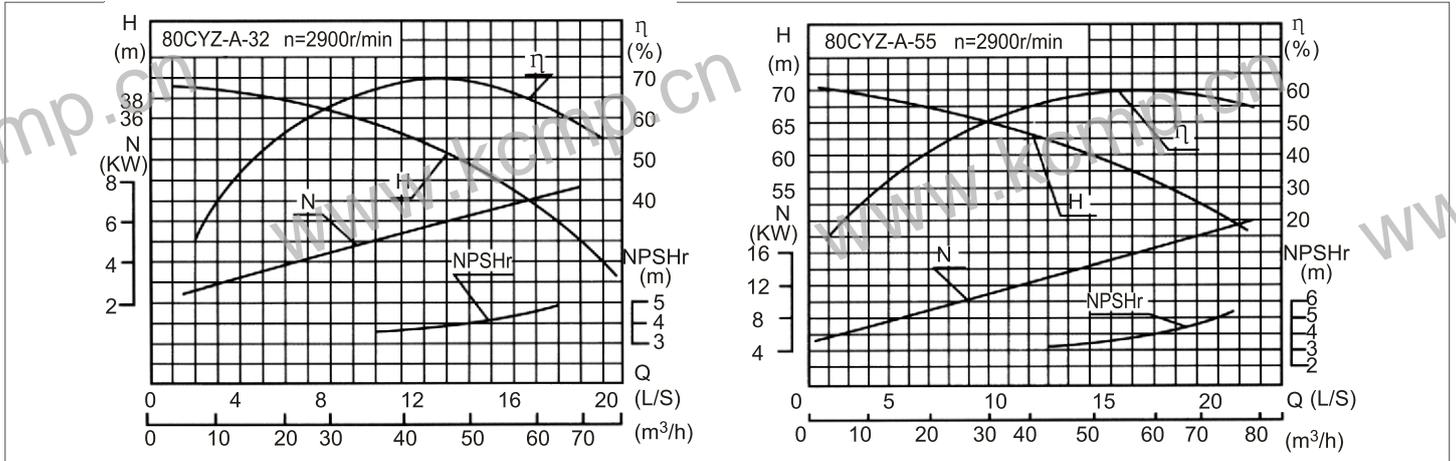
Type	Motor Type	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
80CYZ-A-22	YB132S1-2	480	870	999	61	152	476	520	重合 Polymerization	195	3	220	370	530	30
80CYZ-A-25	YB132S2-2	480	870	1080	70.5	270	557	520	70	195	3	225	406	595	30

安装尺寸表 Installation Dimensions

Type	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
80CYZ-A-22	360	404	240	12	4-14	80	150	185	4-18	80	150	160	4-18
80CYZ-A-25	360	404	240	重合 Polymerization	4-18	80	160	195	4-18	80	160	195	4-18

CYZ-A型泵性能曲线图、性能参数表及安装尺寸图表 Performance Curve, Performance Parameters and Installation Dimensions Drawing、Table of CYZ-A Pumps

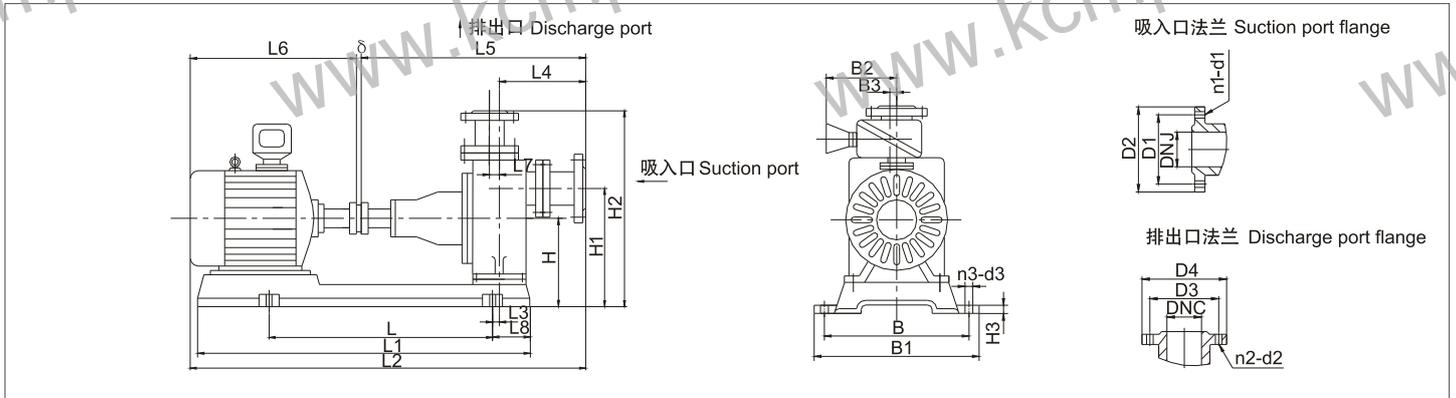
▶ **性能曲线图** Performance Curve



▶ **性能参数表** Performance Parameters

Type 泵型号	流量Q Capacity C		Head (m) 扬程	Suction lift (m) 吸程	r/min Speed 转速	Self-priming performance (min/5m) 自吸性能	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg) 机组重量
	(m³/h)	(L/S)					轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	
80CZ-A-32	50	13.9	32	6	2900	1.5	6.8	7.5	80	80	180
80CZ-A-55	60	16.7	55	6	2900	1.5	15	18.5	80	80	310

▶ **安装尺寸图** Installation Dimensions Drawing



▶ **安装尺寸表** Installation Dimensions

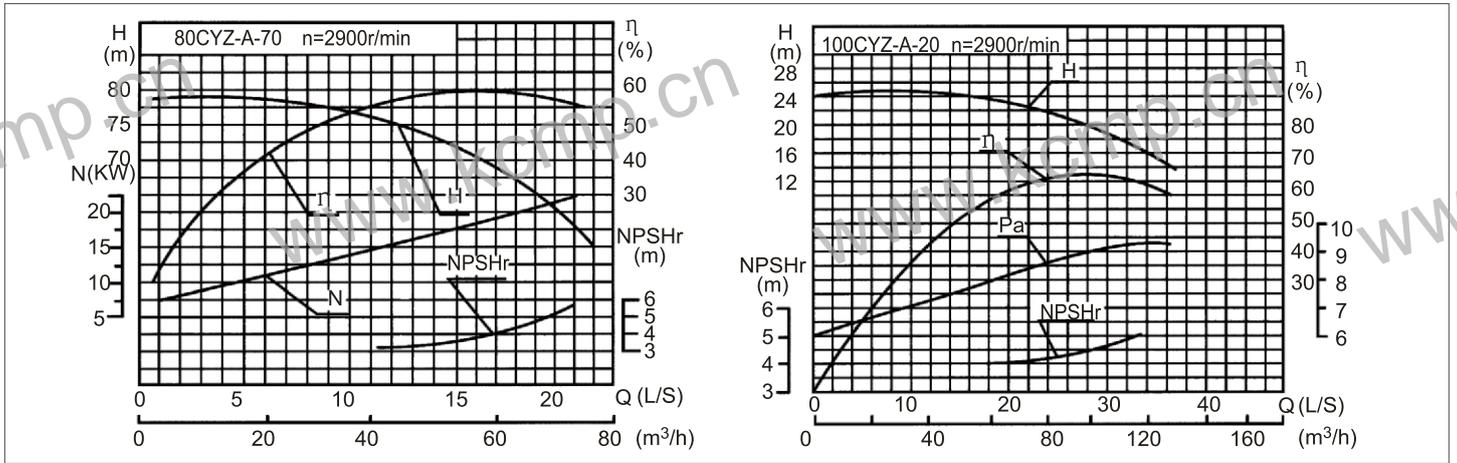
Type 泵型号	Motor Type 电机型号	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
80CZ-A-32	YB132S2-2	480	870	1080	70.5	270	557	520	70	195	3	225	406	595	30
80CZ-A-55	YB160L-2	600	1025	1269	95	200	558	708	重合Polyme- rization	200	3	280	450	655	25

▶ **安装尺寸表** Installation Dimensions

Type 泵型号	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
80CZ-A-32	360	404	240	重合Polyme- rization	4-18	80	160	195	4-18	80	160	195	4-18
80CZ-A-55	415	445	240	10	4-18	80	160	195	4-18	80	160	195	4-18

CYZ-A型泵性能曲线图、性能参数表及安装尺寸图表 Performance Curve, Performance Parameters and Installation Dimensions Drawing、Table of CYZ-A Pumps

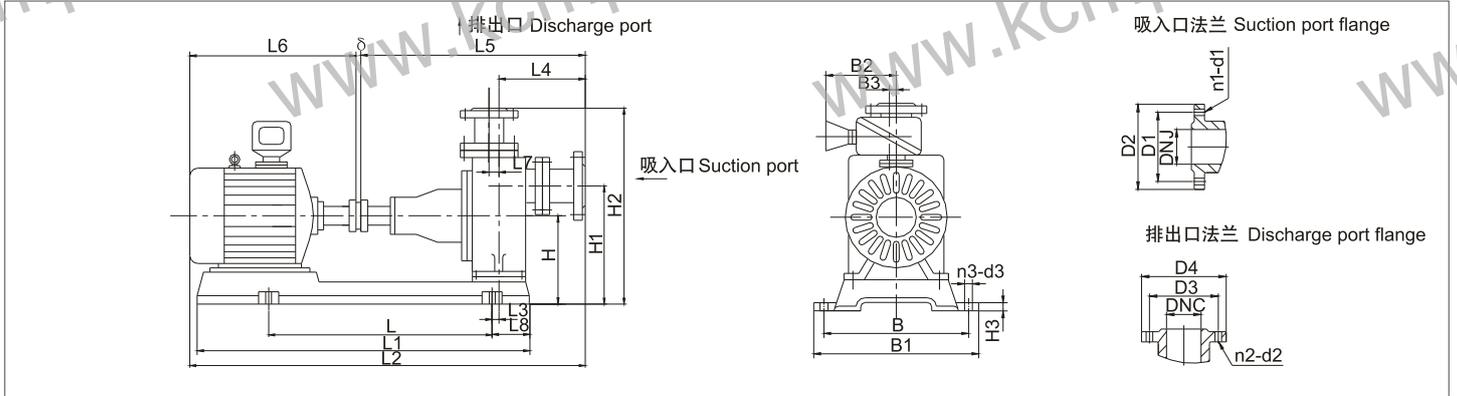
性能曲线图 Performance Curve



性能参数表 Performance Parameters

Type 泵型号	流量Q Capacity C		Head (m) 扬程	Suction lift (m) 吸程	Speed 转速	Self-priming performance (min/5m) 自吸性能	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg) 机组重量
	(m ³ /h)	(L/S)					轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	
80CYZ-A-70	60	16.7	70	6	2900	1.2	20.1	22	80	80	333
100CYZ-A-20	100	27.8	20	6	2900	1.8	7.8	11	100	100	258

安装尺寸图 Installation Dimensions Drawing



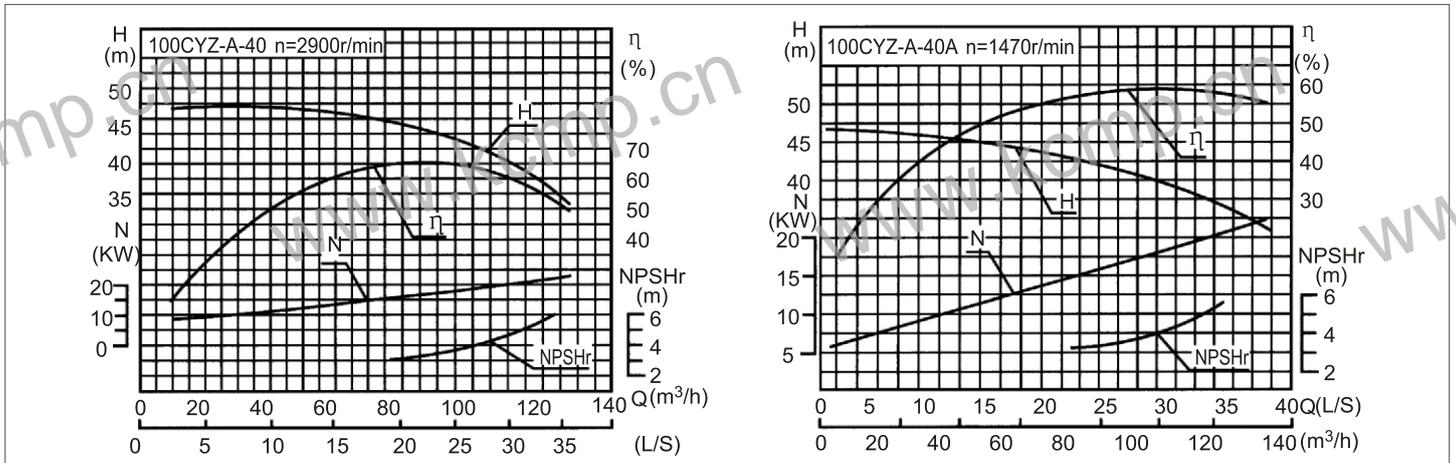
安装尺寸表 Installation Dimensions

Type 泵型号	Motor Type 电机型号	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
80CYZ-A-70	YB180M-2	730	1170	1404	38	211	656	745	重合 Polymerization	195	3	300	490	705	30
100CYZ-A-20	YB160M1-2	600	1000	1246	37.5	202	575	668	重合 Polymerization	200	3	260	420	590	30

安装尺寸表 Installation Dimensions

Type 泵型号	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
80CYZ-A-70	460	510	240	10	4-18	80	160	195	4-18	80	160	195	4-18
100CYZ-A-20	415	445	240	重合 Polymerization	4-18	100	170	210	4-18	100	170	210	4-18

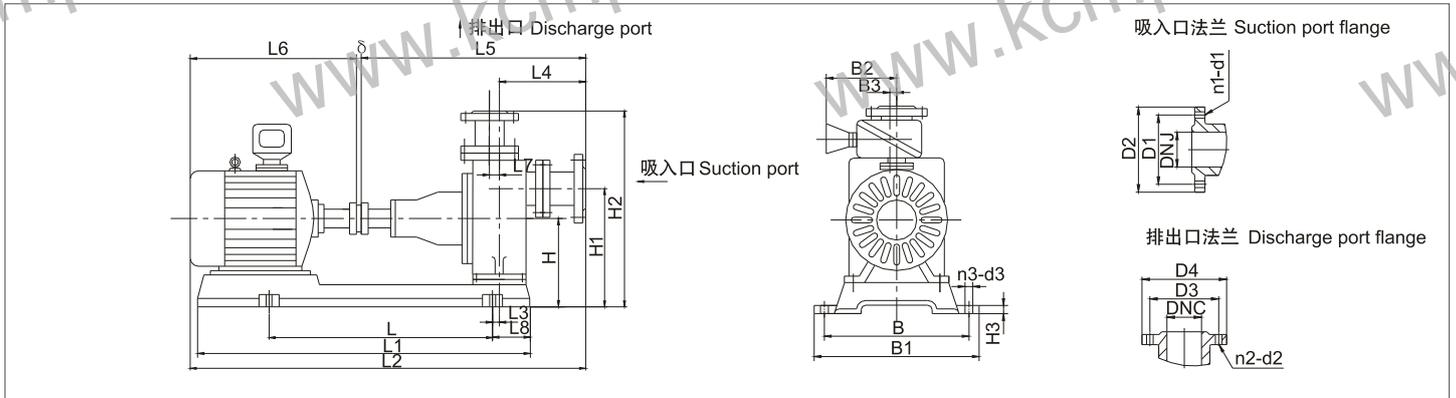
▶ **性能曲线图** Performance Curve



▶ **性能参数表** Performance Parameters

Type 泵型号	流量Q Capacity C		Head (m) 扬程	Suction lift (m) 吸程	Speed (r/min) 转速	Self-priming performance (min/5m) 自吸性能	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg) 机组重量
	(m³/h)	(L/S)					轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	
100CYZ-A-40	100	27.8	40	6	2900	1.8	16.3	22	100	100	455
100CYZ-A-40A	100	27.8	40	6	1450	1.5	18.5	22	100	100	520

▶ **安装尺寸图** Installation Dimensions Drawing



▶ **安装尺寸表** Installation Dimensions

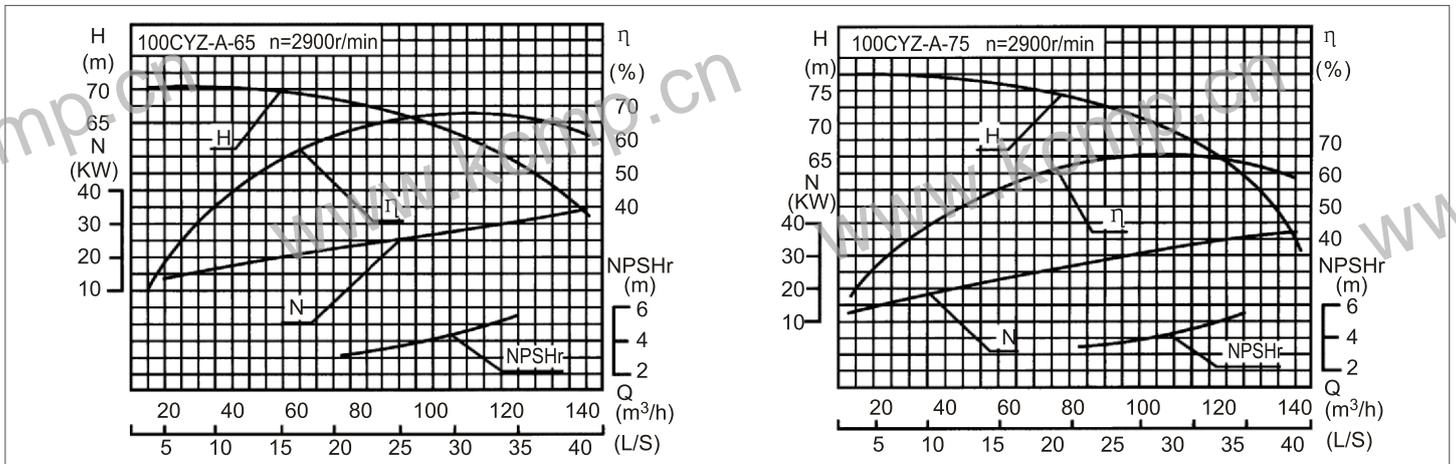
Type 泵型号	Motor Type 电机型号	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
100CYZ-A-40	YB180M-2	730	1170	1537	64	355	789	745	55	195	3	300	510	940	30
100CYZ-A-40A	YB180L-4	780	1220	1469	84	213	701	765	重合 Polyme rization	220	3	360	610	835	25

▶ **安装尺寸表** Installation Dimensions

Type 泵型号	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
100CYZ-A-40	460	510	240	102	4-18	100	170	210	4-18	100	170	210	4-18
100CYZ-A-40A	530	570	240	12	4-18	100	170	210	4-18	100	170	185	4-18

CYZ-A型泵性能曲线图、性能参数表及安装尺寸图表 Performance Curve, Performance Parameters and Installation Dimensions Drawing、Table of CYZ-A Pumps

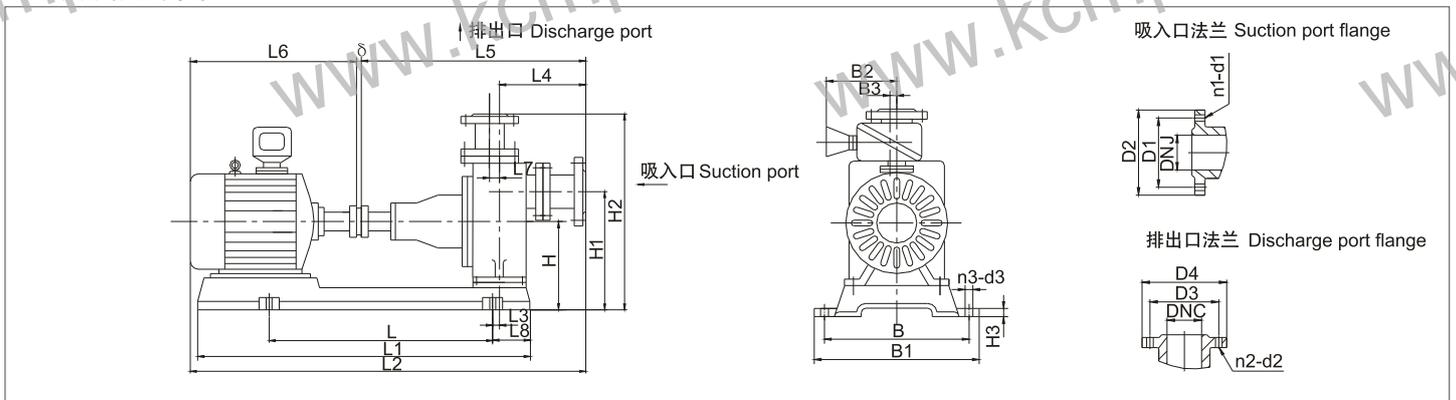
▶ **性能曲线图** Performance Curve



▶ **性能参数表** Performance Parameters

Type	流量Q Capacity		Head (m)	Suction lift (m)	转速 Speed	Self-priming performance (min/5m)	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg)
泵型号	(m³/h)	(L/S)	扬程	吸程	转速	自吸性能	轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	机组重量
100CYZ-A-65	100	27.8	65	6	2900	1.8	27.7	30	100	100	620
100CYZ-A-75	70	19.4	75	6	2900	1.8	24.2	30	100	100	639

▶ **安装尺寸图** Installation Dimensions Drawing



▶ **安装尺寸表** Installation Dimensions

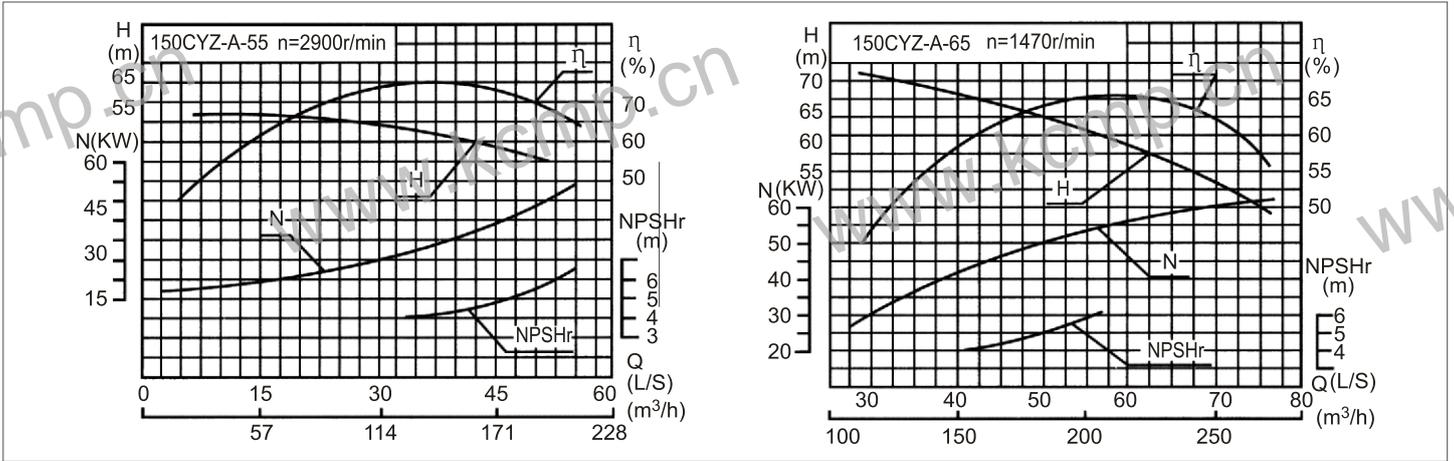
Type	Motor Type	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
100CYZ-A-65	YB200L1-2	780	1320	1566	116	230	743	820	重合 Polyme-rization	270	3	335	555	785	30
100CYZ-A-75	YB200L1-2	780	1320	1566	116	230	743	820	重合 Polyme-rization	270	3	335	555	785	30

▶ **安装尺寸表** Installation Dimensions

Type	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
100CYZ-A-65	546	596	290	14	4-19	100	180	215	8-18	100	180	215	8-18
100CYZ-A-75	546	596	290	14	4-19	150	180	215	8-18	100	180	215	8-18

CYZ-A型泵性能曲线图、性能参数表及安装尺寸图表 Performance Curve, Performance Parameters and Installation Dimensions Drawing、Table of CYZ-A Pumps

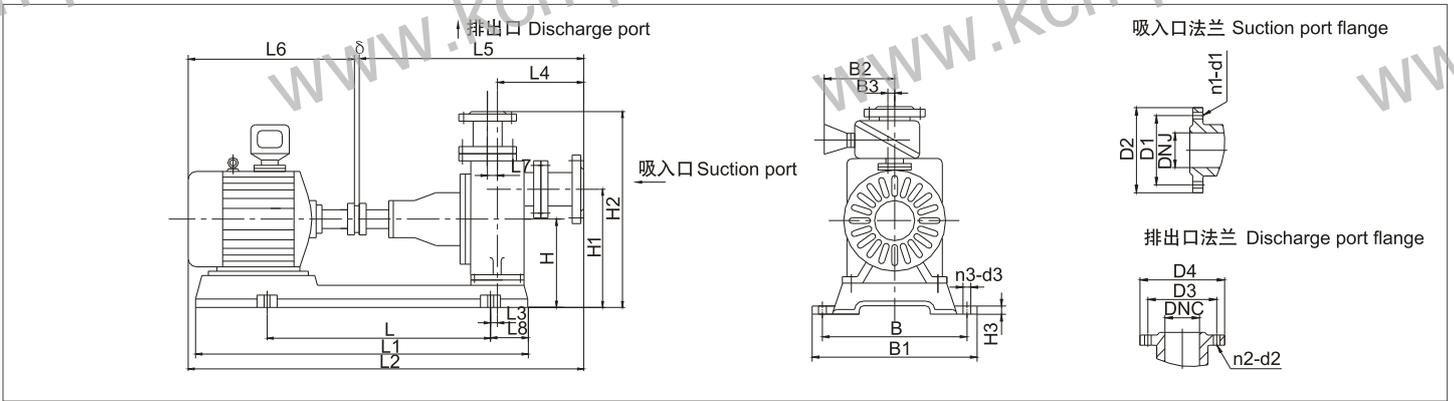
性能曲线图 Performance Curve



性能参数表 Performance Parameters

Type	流量Q Capacity		Head (m)	Suction lift (m)	转速 Speed	Self-priming performance (min/5m)	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg)
泵型号	(m³/h)	(L/S)	扬程	吸程	转速	自吸性能	轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	机组重量
150CZ-A-55	170	47.2	55	5	2900	1.8	39.2	45	150	150	830
150CZ-A-65	170	47.2	65	5	2900	1.3	46.3	55	150	150	957

安装尺寸图 Installation Dimensions Drawing



安装尺寸表 Installation Dimensions

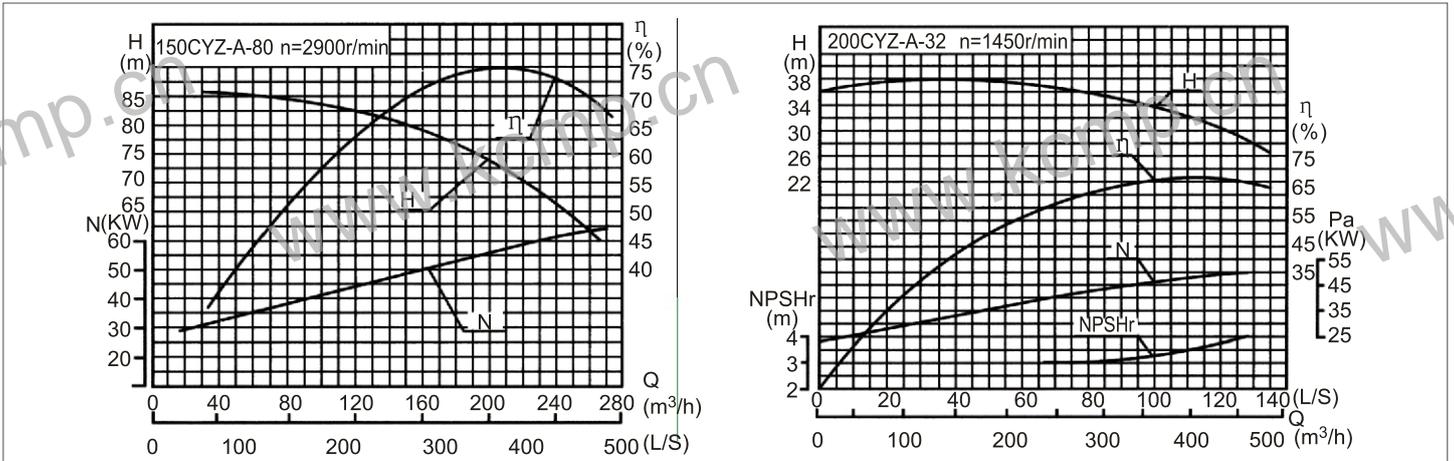
Type	Motor Type	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
150CZ-A-55	YB225M-2	950	1450	1788	30	360	900	885	重合 Polymerization	250	3	390	760	990	30
150CZ-A-65	YB250M-2	950	1500	1853	91	360	900	950	重合 Polymerization	275	3	390	760	990	30

安装尺寸表 Installation Dimensions

Type	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
150CZ-A-55	560	620	290	重合 Polymerization	4-19	150	240	280	8-23	150	240	215	8-23
150CZ-A-65	650	700	290	重合 Polymerization	4-19	150	240	280	8-23	150	240	215	8-23

CYZ-A型泵性能曲线图、性能参数表及安装尺寸图表 Performance Curve, Performance Parameters and Installation Dimensions Drawing, Table of CYZ-A Pumps

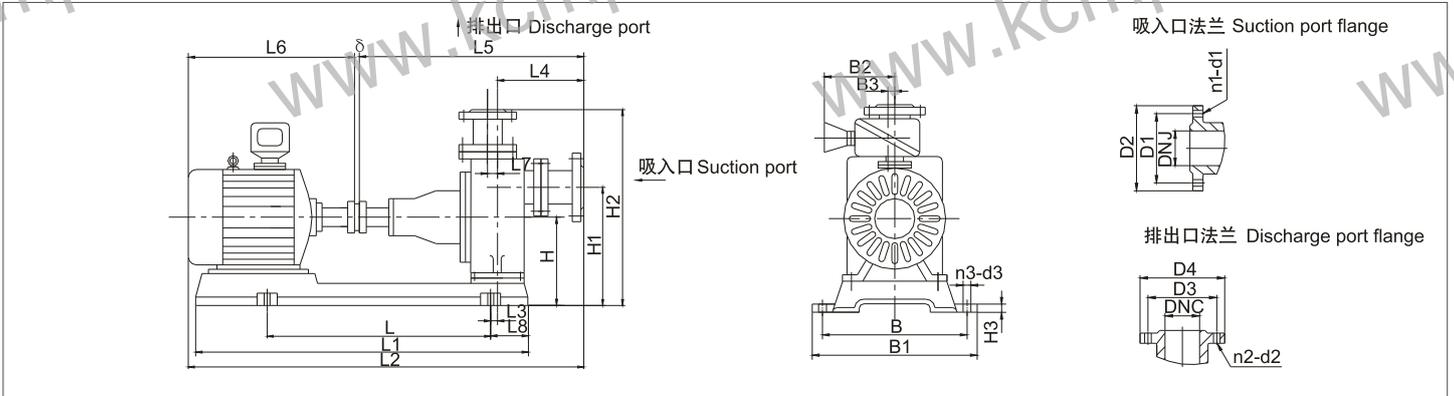
▶ **性能曲线图** Performance Curve



▶ **性能参数表** Performance Parameters

Type	流量Q Capacity		Head (m)	Suction lift (m)	r/min Speed	Self-priming performance (min/5m)	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg)
泵型号	(m³/h)	(L/S)	扬程	吸程	转速	自吸性能	轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	机组重量
150CYZ-A-65A	170	47.2	65	5	1450	1.2	49.8	55	150	150	1138
150CYZ-A-80	160	44.4	80	5	2900	1.2	53.6	55	150	150	986
200CYZ-A-32	400	111.1	32	5	1450	2	52.1	55	200	200	1205

▶ **安装尺寸图** Installation Dimensions Drawing



▶ **安装尺寸表** Installation Dimensions

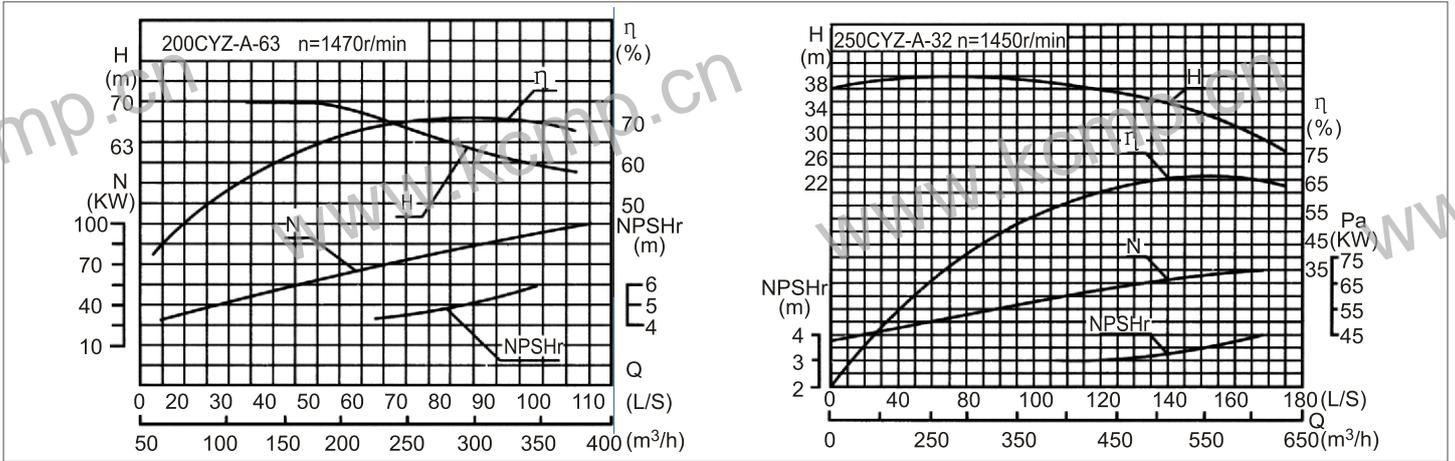
Type	Motor Type	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
150CYZ-A-65A	YB250M-4	1000	1860	2087	165	470	1150	935	重合 Polymerization	430	2	500	900	1220	40
150CYZ-A-80	YB250M-2	950	1500	1853	91	362	900	950	重合 Polymerization	275	3	390	760	990	30
200CYZ-A-32	YB250M-4	900	1620	2083	165	470	1127	953	重合 Polymerization	360	3	440	800	1170	30

▶ **安装尺寸表** Installation Dimensions

Type	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
150CYZ-A-65A	760	840	290	22	4-25	150	240	280	8-23	150	240	280	8-23
150CYZ-A-80	650	700	290	重合 Polymerization	4-19	150	240	280	8-23	150	240	215	8-23
200CYZ-A-32	710	770	290	30	4-25	200	280	315	8-18	200	280	315	8-18

CYZ-A型泵性能曲线图、性能参数表及安装尺寸图表 Performance Curve, Performance Parameters and Installation Dimensions Drawing, Table of CYZ-A Pumps

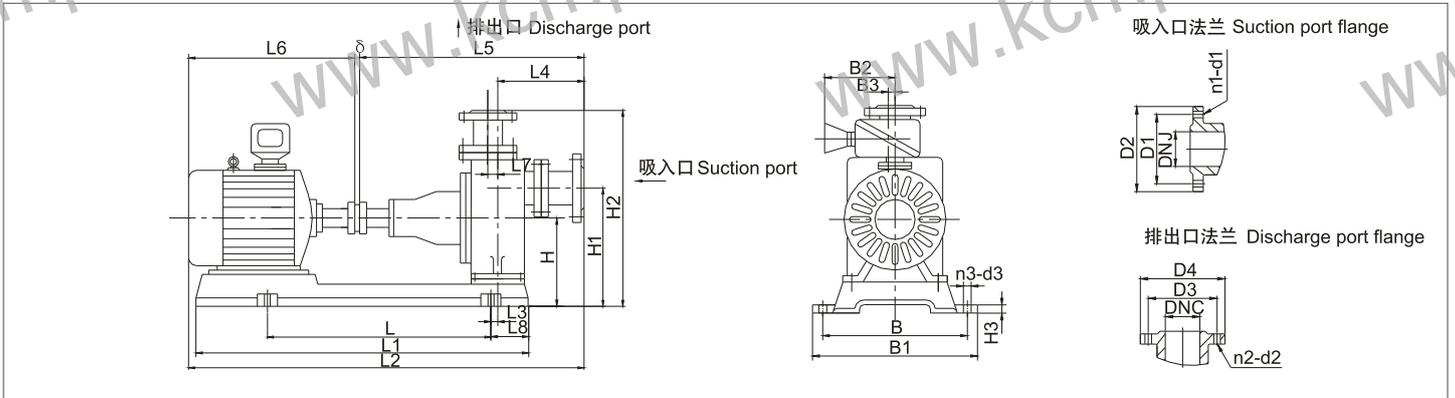
▶ **性能曲线图** Performance Curve



▶ **性能参数表** Performance Parameters

Type 泵型号	流量Q Capacity		Head (m) 扬程	Suction lift (m) 吸程	r/min Speed 转速	Self-priming performance (min/5m) 自吸性能	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg) 机组重量
	(m³/h)	(L/S)					轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	
200CYZ-A-63	280	77.8	63	5	1450	1.5	73.9	90	200	200	1338
200CYZ-A-65	350	97.2	65	5	1450	1.5	97.2	110	200	200	1553
250CYZ-A-32	550	152.8	32	5	1450	2	72.3	75	250	250	1307

▶ **安装尺寸图** Installation Dimensions Drawing



▶ **安装尺寸表** Installation Dimensions

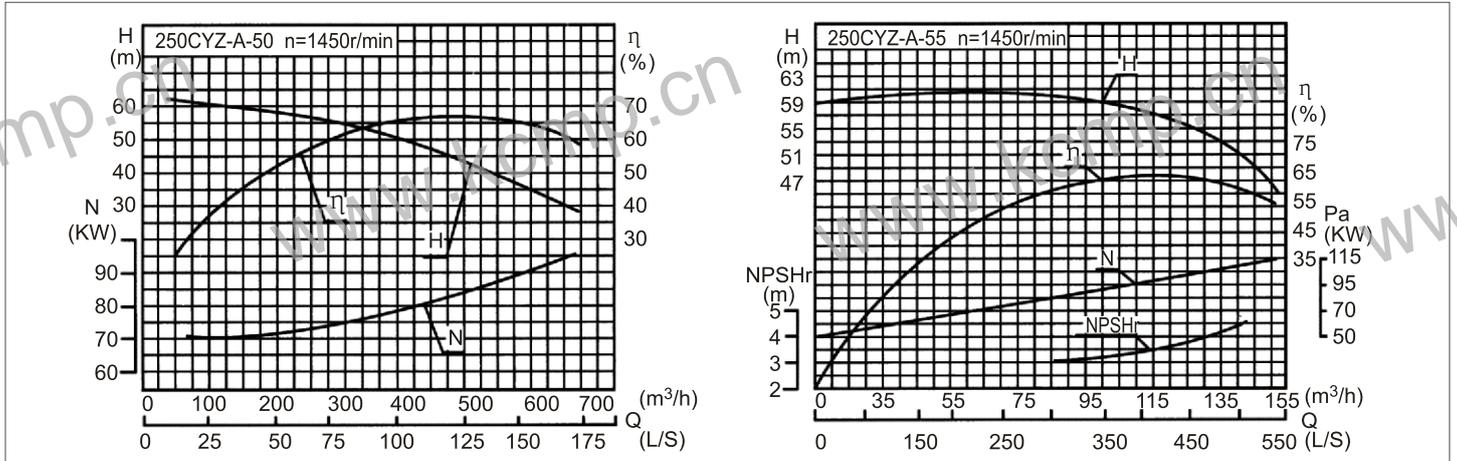
Type 泵型号	Motor Type 电机型号	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
200CYZ-A-63	YB280M-4	1000	1860	2242	210	430	1180	1060	重合 Polymerization	430	2	500	900	1220	40
200CYZ-A-65	YB315S-4	1000	1860	2452	230	430	1180	1270	重合 Polymerization	430	2	535	935	1255	40
250CYZ-A-32	YB280S-4	1000	1860	2628	195	875	1604	1031	重合 Polymerization	430	3	470	1110	1290	30

▶ **安装尺寸表** Installation Dimensions

Type 泵型号	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
200CYZ-A-63	760	840	330	22	4-25	200	295	335	8-23	200	295	280	8-23
200CYZ-A-65	760	840	330	22	4-25	250	295	335	8-23	200	295	280	8-23
250CYZ-A-32	760	840	330	35	4-25	250	335	370	12-18	250	335	370	12-18

CYZ-A型泵性能曲线图、性能参数表及安装尺寸图表 Performance Curve, Performance Parameters and Installation Dimensions Drawing、Table of CYZ-A Pumps

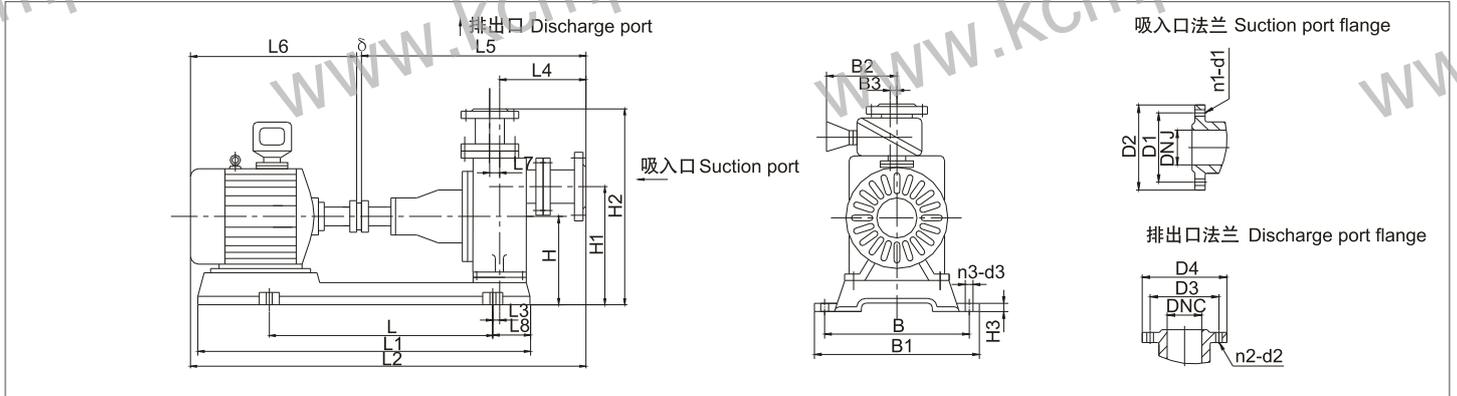
▶ **性能曲线图** Performance Curve



▶ **性能参数表** Performance Parameters

Type 泵型号	流量Q Capacity C		Head (m) 扬程	Suction lift (m) 吸程	Speed (r/min) 转速	Self-priming performance (min/5m) 自吸性能	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg) 机组重量
	(m³/h)	(L/S)					轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	
250CYZ-A-50	400	111.1	50	5	1450	2	80	90	250	250	1486
250CYZ-A-55	450	125	55	5	1450	2	102.1	110	250	250	1681

▶ **安装尺寸图** Installation Dimensions Drawing



▶ **安装尺寸表** Installation Dimensions

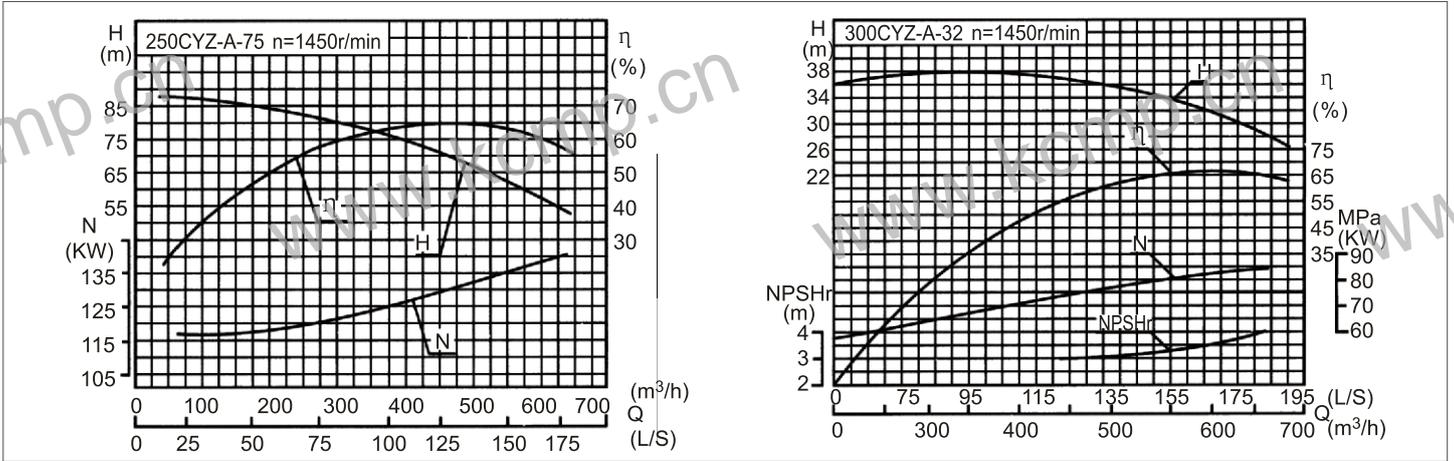
Type 泵型号	Motor Type 电机型号	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
250CYZ-A-50	YB280M-4	1000	1860	2604	240	792	1542	1060	重合 Polymerization	430	2	500	1100	1300	40
250CYZ-A-55	YB315S-4	1200	2000	2814	210	792	1542	1270	重合 Polymerization	400	2	500	1100	1300	40

▶ **安装尺寸表** Installation Dimensions

Type 泵型号	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
250CYZ-A-50	760	840	330	25	4-25	250	350	390	12-23	250	350	390	12-23
250CYZ-A-55	900	980	400	25	4-25	250	350	390	12-23	250	350	390	12-23

CYZ-A型泵性能曲线图、性能参数表及安装尺寸图表 Performance Curve, Performance Parameters and Installation Dimensions Drawing、Table of CYZ-A Pumps

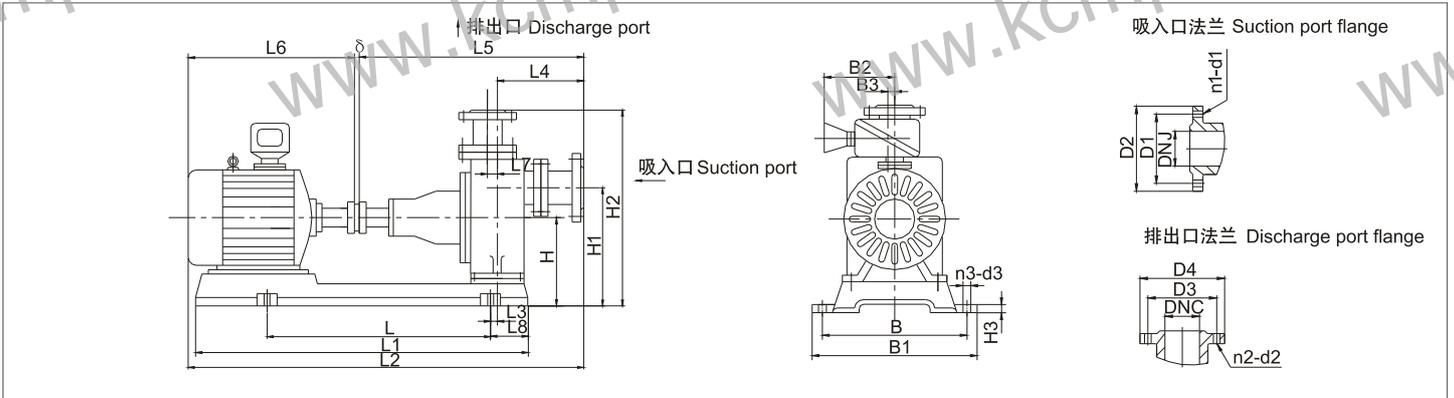
▶ **性能曲线图** Performance Curve



▶ **性能参数表** Performance Parameters

Type 泵型号	流量Q Capacity C		Head (m) 扬程	Suction lift (m) 吸程	n/min Speed 转速	Self-priming performance (min/5m) 自吸性能	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg) 机组重量
	(m ³ /h)	(L/S)					轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	
250CYZ-A-75	400	111.1	75	5	1450	1.5	125.6	132	250	250	1829
300CYZ-A-32	600	166.7	32	5	1450	2	79.2	90	300	300	1608

▶ **安装尺寸图** Installation Dimensions Drawing



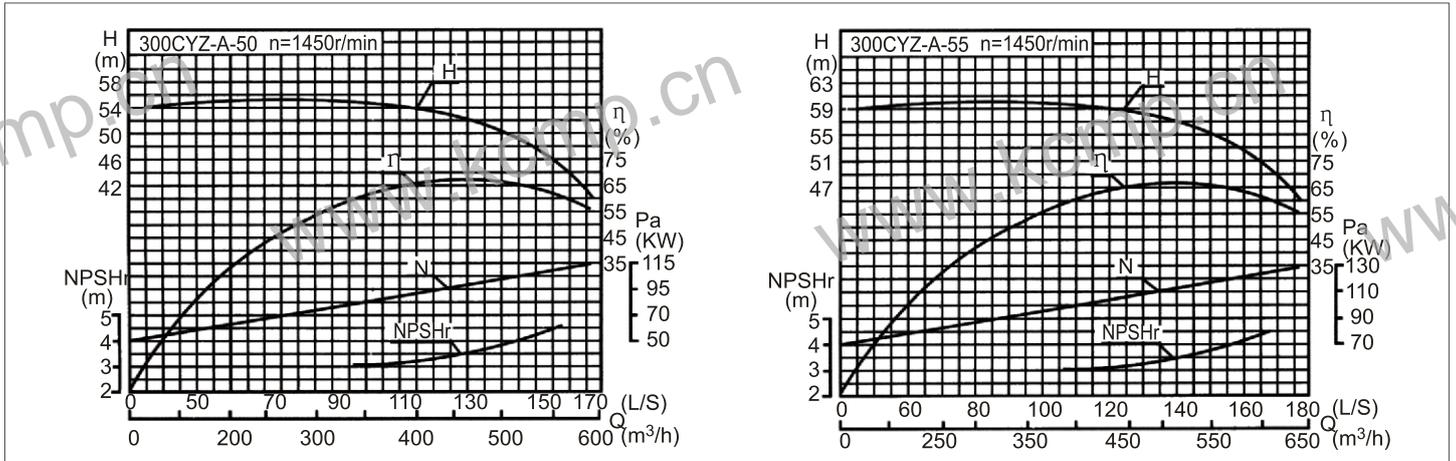
▶ **安装尺寸表** Installation Dimensions

Type 泵型号	Motor Type 电机型号	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
250CYZ-A-75	YB315M-4	1200	2000	3000	195	800	1647	1350	重合 Polyme- rization	400	3	550	1150	1420	40
300CYZ-A-32	YB280M-4	1000	1860	2808	195	995	1724	1081	重合 Polyme- rization	430	3	470	1230	1330	30

▶ **安装尺寸表** Installation Dimensions

Type 泵型号	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
250CYZ-A-75	900	980	400	24	4-25	300	350	390	12-23	250	350	390	12-23
300CYZ-A-32	760	840	330	35	4-25	300	395	435	12-23	300	395	435	12-23

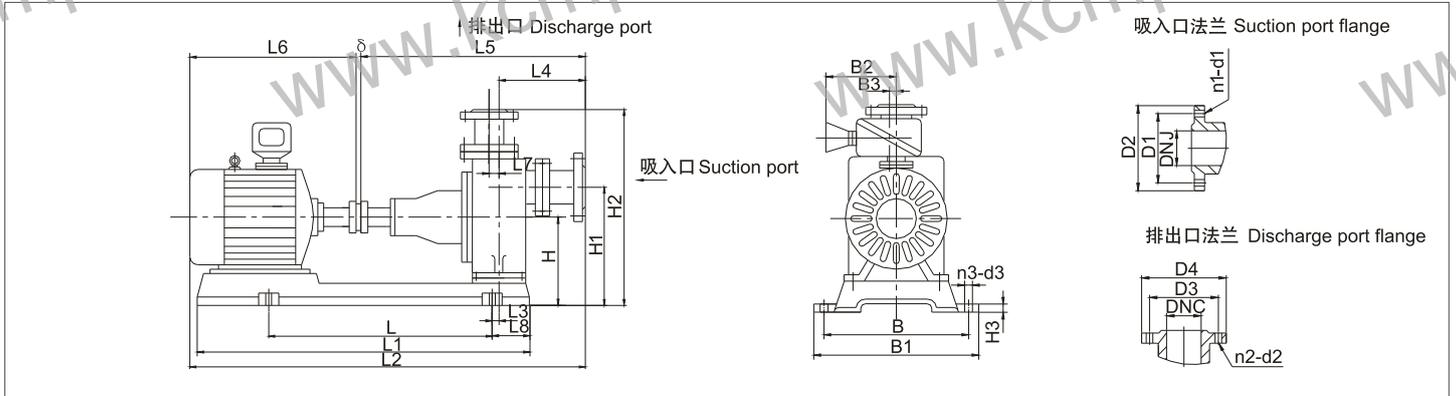
▶ **性能曲线图** Performance Curve



▶ **性能参数表** Performance Parameters

Type 泵型号	流量Q Capacity C		Head (m) 扬程	Suction lift (m) 吸程	n/min Speed 转速	Self-priming performance (min/5m) 自吸性能	功率 Power (kw)		口径 Diameter (mm)		Weight of machine set (Kg) 机组重量
	(m³/h)	(L/S)					轴功率 Shaft power	电机功率 Power	吸入 Suction	排出 Discharge	
300CYZ-A-50	500	138.9	50	5	1450	2	104.6	110	300	300	1728
300CYZ-A-55	550	152.8	55	5	1450	2	117.6	132	300	300	1995

▶ **安装尺寸图** Installation Dimensions Drawing



▶ **安装尺寸表** Installation Dimensions

Type 泵型号	Motor Type 电机型号	外形及安装尺寸(mm) Outline and Installation Dimensions													
		L	L1	L2	L3	L4	L5	L6	L7	L8	δ	H	H1	H2	H3
300CYZ-A-50	YB315S-4	1200	2000	2962	170	890	1690	1270	重合 Polyme- rization	400	2	550	1210	1440	40
300CYZ-A-55	YB315M-4	1200	2000	3042	170	890	1690	1350	重合 Polyme- rization	400	2	550	1210	1440	40

▶ **安装尺寸表** Installation Dimensions

Type 泵型号	外形及安装尺寸(mm) Outline and Installation Dimensions					吸入口法兰尺寸(mm) Suction Port Flange Dimensions				吐出口法兰尺寸(mm) Discharge Port Flange Dimensions			
	B	B1	B2	B3	n3-d3	DNJ	D1	D2	n1-d1	DNC	D3	D4	n2-d2
300CYZ-A-50	900	980	400	30	4-25	300	400	440	12-23	300	400	440	12-23
300CYZ-A-55	900	980	400	30	4-25	300	400	440	12-23	300	400	440	12-23

输送各种液体时压力的控制范围表 Table of Pressure Control Range for Transfer of Various Liquid

▶ 输送各种液体时压力的控制范围表 Table of Pressure Control Range for Transfer of Various Liquid

单位: MPa

介质种类 Medium type 型号 Type	Water	Petrol	Kerosene	Diesel oil
	水	汽油	煤油	柴油
25CYZ-A-20	0.13-0.23	0.09-0.15	0.10-0.18	0.10-0.19
25CYZ-A-32	0.28-0.38	0.20-0.27	0.21-0.29	0.23-0.32
40CYZ-A-20	0.15-0.25	0.11-0.18	0.12-0.20	0.12-0.21
40CYZ-A-40	0.33-0.41	0.24-0.30	0.26-0.33	0.28-0.35
50CYZ-A-12	0.10-0.15	0.07-0.11	0.08-0.12	0.08-0.13
50CYZ-A-20	0.15-0.25	0.11-0.18	0.12-0.20	0.12-0.21
50CYZ-A-30	0.29-0.39	0.21-0.28	0.22-0.30	0.24-0.33
50CYZ-A-35	0.30-0.40	0.22-0.29	0.23-0.31	0.25-0.33
50CYZ-A-40	0.33-0.41	0.24-0.30	0.26-0.33	0.28-0.35
50CYZ-A-50	0.45-0.64	0.33-0.47	0.36-0.46	0.38-0.49
50CYZ-A-60	0.55-0.65	0.40-0.47	0.48-0.60	0.47-0.55
50CYZ-A-75	0.72-0.78	0.53-0.57	0.58-0.62	0.61-0.66
65CYZ-A-15	0.12-0.20	0.09-0.13	0.09-0.14	0.10-0.15
65CYZ-A-32	0.29-0.39	0.21-0.28	0.22-0.30	0.24-0.33
80CYZ-A-13	0.10-0.15	0.07-0.11	0.08-0.12	0.08-0.13
80CYZ-A-17	0.13-0.21	0.09-0.15	0.10-0.17	0.11-0.18
80CYZ-A-22	0.19-0.26	0.13-0.20	0.14-0.21	0.14-0.22
80CYZ-A-25	0.21-0.28	0.15-0.20	0.17-0.22	0.18-0.24
80CYZ-A-32	0.28-0.36	0.20-0.26	0.22-0.29	0.24-0.31
80CYZ-A-55	0.54-0.62	0.39-0.45	0.43-0.50	0.46-0.53
80CYZ-A-70	0.66-0.76	0.48-0.55	0.53-0.61	0.56-0.65
100CYZ-A-20	0.18-0.28	0.14-0.22	0.15-0.23	0.15-0.24
100CYZ-A-40	0.37-0.49	0.27-0.36	0.30-0.39	0.31-0.39
100CYZ-A-40A	0.35-0.46	0.26-0.34	0.28-0.37	0.30-0.39
100CYZ-A-65	0.60-0.68	0.44-0.50	0.48-0.54	0.51-0.58
100CYZ-A-75	0.72-0.78	0.53-0.57	0.58-0.63	0.61-0.65
150CYZ-A-55	0.52-0.58	0.38-0.42	0.42-0.46	0.44-0.49
150CYZ-A-65	0.60-0.66	0.44-0.48	0.48-0.53	0.51-0.56
150CYZ-A-80	0.72-0.77	0.53-0.56	0.56-0.62	0.61-0.65
200CYZ-A-63	0.63-0.69	0.45-0.51	0.51-0.53	0.53-0.58
250CYZ-A-50	0.45-0.60	0.33-0.44	0.30-0.46	0.38-0.49



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