
	Product Information 500WQ2000-9-75(I)	Manufacturer	CNP
		Address	Yuhang District, Hangzhou, Zhejiang,
		Contact	86-571-88637351
		Date	2022/03/09
Project Name		Client Name	DPA
		Client Addr.	
Item NO		Contacts	Alireza
		Contact	

Part NO.	500WQ2000-9-75
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Product Picture	Note
	<p>The sewage submersible pump is composed of two parts: the motor and the pump.</p> <p>The two are separated by an oil chamber and a mechanical seal assembly.</p> <p>Divided into fixed automatic coupling installation and mobile installation</p>

technology

Pump rotator speed	983
Nameplate standards	CE

Material

Impeller	HT200
Pump shaft	20cr13
Rubber code	P
Pump case	HT200

Installation

Connection Code	F
Maximum Pressure/Temperature	10bar/40
Flange Standard	DIN
Pressure Class	PN10

Medium

Medium Temperature	40
Maximum diameter of partic	120
Maximum Environment Temper	40

Structure dimension

Standard caliber	DN
Outlet Diameter	DN500

Motor


Number of Motor Phase	Three Phase
Protection Class	IP68
Insulation Class	F
Motor Power	75
Power Frequency	50HZ
Rated Voltage (V)	380V
Rated Current (A)	138
Starting mode	Star delta boot

Seal

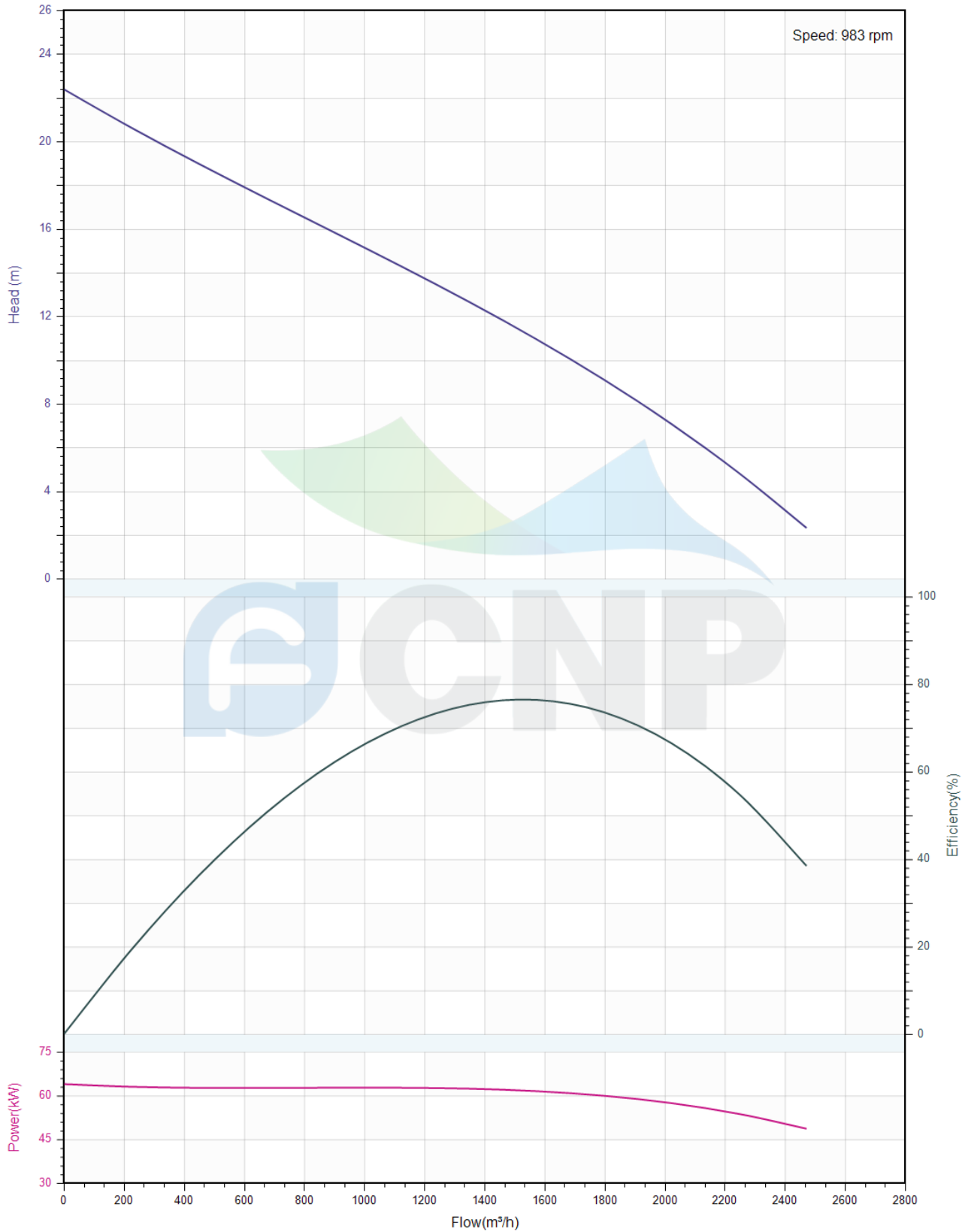
Mechanical Seal	H-70
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Others

Weight (kg)	1522
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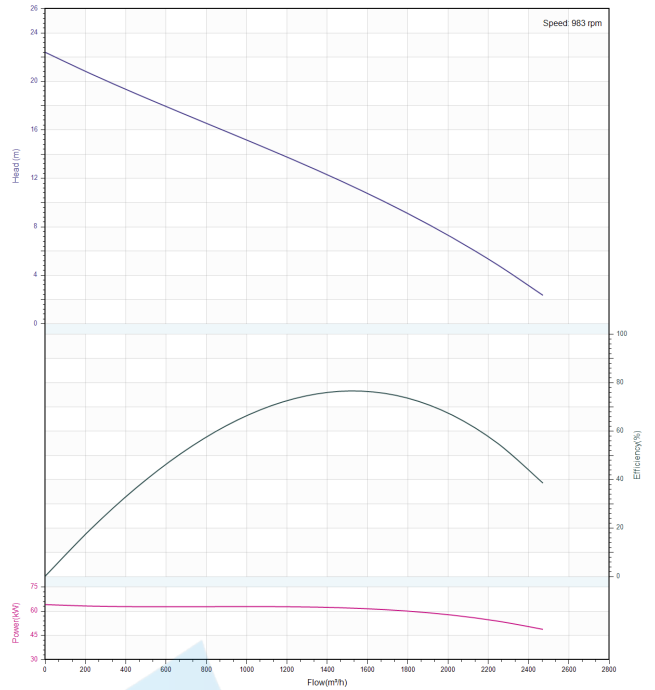
	Performance Curve 500WQ2000-9-75(I)	Manufacturer	CNP
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The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m³, and at 1bar atmospherical pressure. ISO99062012 Grade 3B




	Pump Technical Parameters 500WQ2000-9-75(I)	Manufacturer	CNP
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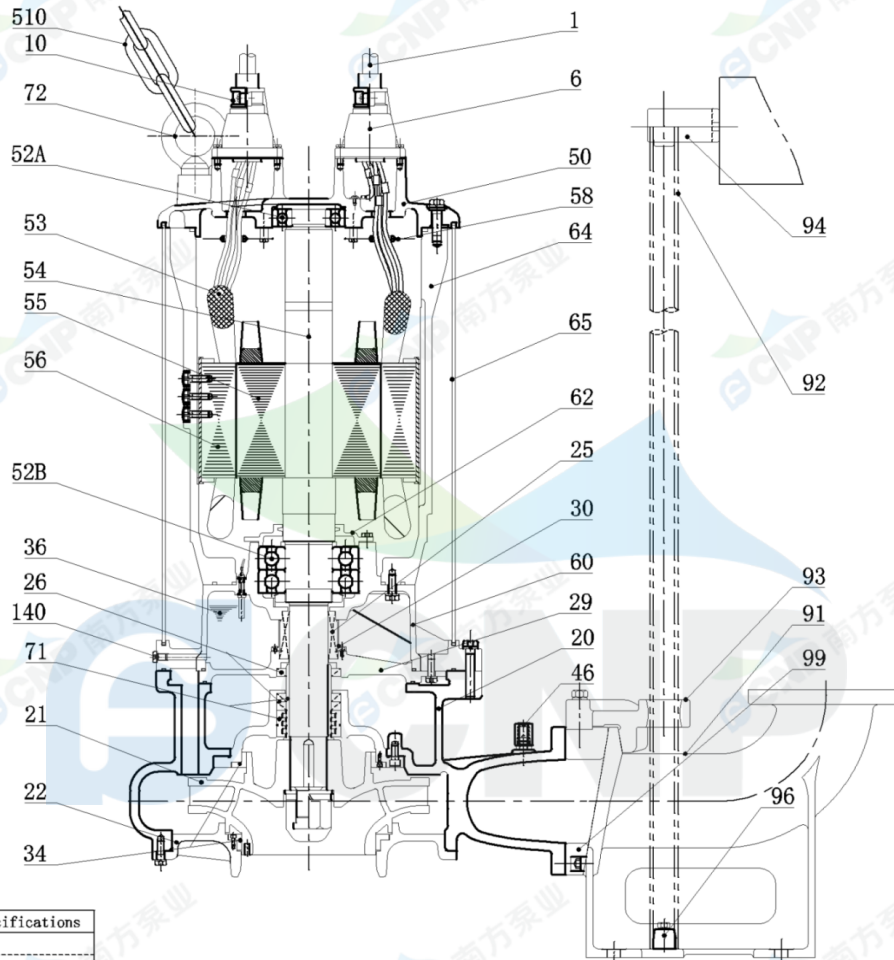
Rated parameters	
Pump model	500WQ2000-9-75(I)
Part NO.	500WQ2000-9-75
Rated flow (m ³ /h)	2000
Rated head (m)	9
Rated efficiency (%)	72.8
Power (kW)	67.4
NPSHr (m)	2
Speed (rpm)	983
Medium	
Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m ³)	1000
Viscosity (mm ² /s)	1



	Structure picture 500WQ2000-9-75(I)	Manufacturer	CNP
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 **CNP Nanfang Zhongjin Environment Co., Ltd.**

	SECTIONAL DRAWING	No.	No.
TYPE	submersible sewage pump	MODEL	WQ-55/75kW



order specifications

No.	names of parts	number	material	No.	names of parts	number	material
1	cable	2	YCW	54	shaft	1	2Cr13
6	cable sleeve	2	HT200	55	rotor	1	
50	top cover	1	HT200	56	stator	1	
58	cable transit board	1	Q235	52B	lower bearing	2	
64	base	1	HT200	36	machine oil 32#		
65	Water proof cover	1	Q235	26	framework oil seal	3	NBRI-2
62	Bearing cover	1	HT200	140	oil filler plug	2	SUS304
25	mechanical seal	1	Carbon/SIC	71	Shaft sleeve	2	1Cr13
30	oil lift	1		21	impeller	1	HT200
60	lower cover	1	HT200	22	water inlet cover	1	HT200
29	Casingtop cover	1	HT200	34	Neck ring	2	HT200
20	casing	1	HT200	94	guiding	1	Q235Steel board
46	Air release bolt	2	SUS304	92	pipe	2	SUS304(unaffiliated)
510	lift chain	1	SUS304	93	guide hook	1	QT600
10	Cable lockblock	2	HT200	91	water outlet base	1	HT200
72	eye bolt	2	45#(forging galvanized)	99	coupling flange	1	HT200
52A	upper bearing	1		96	guide plug	2	HT150
53	Mini-thermalprotector	1		0			

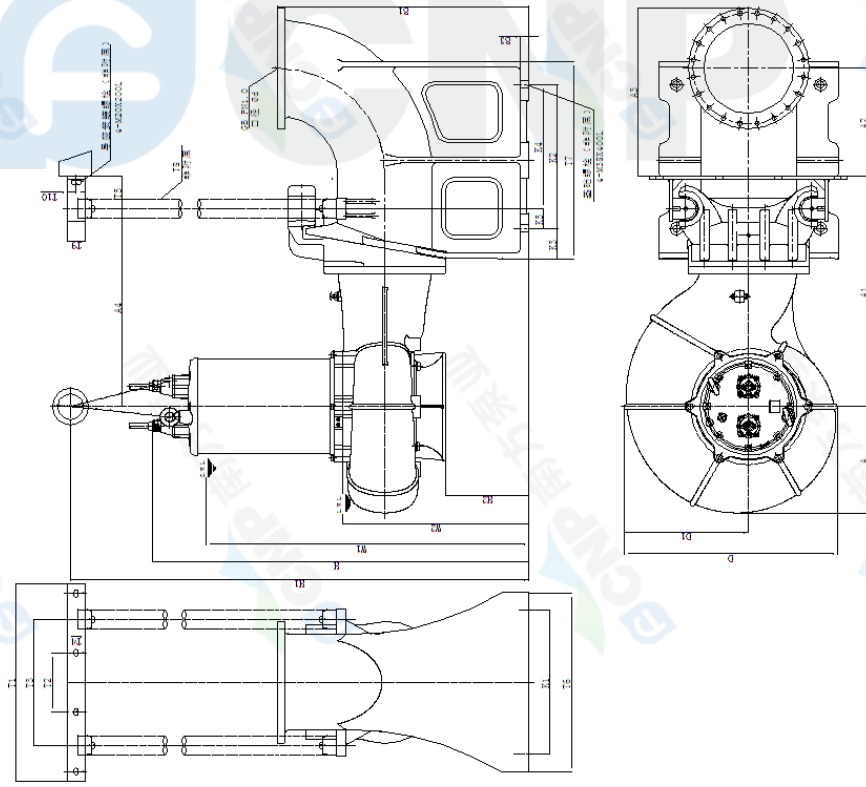
Nanfang Zhongjin Environment CO.,LTD.

unit: mm

安装外形尺寸 DIMENSION DRAWING		No.	No.
污水污物潜水泵		500WQ2000-9-75-6	

型号	A	A1	A2	A3	A4	D	D1	W1	W2	H	H1	H2	本体重量
500	592	1279.5	1600.5	938	1099.5	1187	693	1030	1740	2091	3091	462	1522kg

口径	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	K1	K2	K3	K4	K5	R1	R2	额定流量
500	1100	330	100	100	160	1000	1100	4" (114.3)	100	50	180	180	170	160	110	400	50	1550kg



C.W.L.: 连续运行最低水位
L.W.L.: 可能运行最低水位

unit: mm

南方中金环境股份有限公司 Nanfang Zhongjin Environment CO., LTD.



Installation picture 500WQ2000-9-75(I)

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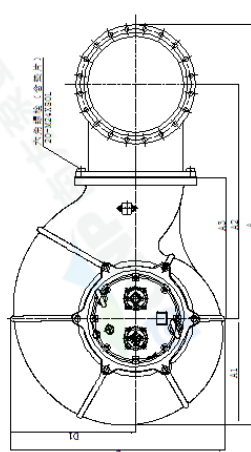
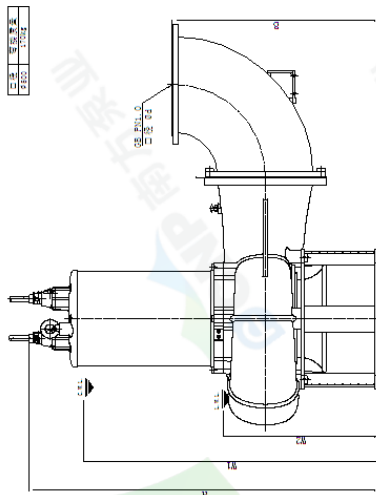
Project Name

Item NO

CNP 中金环境

安装外形尺寸 DIMENSION DRAWING		No.	No.
污水污物潜水泵		500WQ2000-9-75-6	

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