

	Product Information 50WQ15-15-1.5(I)	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2023/06/23
Project Name		Client Name	Ikhua Engineering SB
Item NO		Client Addr.	Tmn Ind. Selesa Jaya.
		Contacts	Nor Alera
		Contact	016-2383778

Part NO.	50WQ15-15-1.5(I)		
Product Picture: (Note: Images may not be the same as the product)		Note	
		The sewage submersible pump is composed of two parts: the motor and the pump. The two are separated by an oil chamber and a mechanical seal assembly. Divided into fixed automatic coupling installation and mobile installation	
Technology			
Pump rotator speed		2880	
Nameplate standards		CE	
Material			
Impeller		HT200	
Pump shaft		20cr13	
Pump case		HT200	
Rubber code		P	
Installation			
Connection Code		F	
Maximum Pressure/Temperature (high temperature)		6bar/40°C	
Flange Standard		DIN	
Pressure Class		PN6	
Medium			
Medium Temperature		40°C//40-80°C	
Maximum diameter of particles (mm)		20	
Maximum Environment Temperature		40°C	
Structure dimension			
Standard caliber		DN	
Outlet Diameter		DN50	
Motor			
Number of Motor Phase		Three Phase	
Protection Class		IP68	
Insulation Class		F	
Motor Power		1.5KW	
Power Frequency		50HZ	
Rated Voltage (V)		380V	
Rated Current (A)		3.3	
Starting mode		direct boot	
Seal			
Mechanical Seal		H-20	
Others			
Weight (kg)		33	



Performance Curve

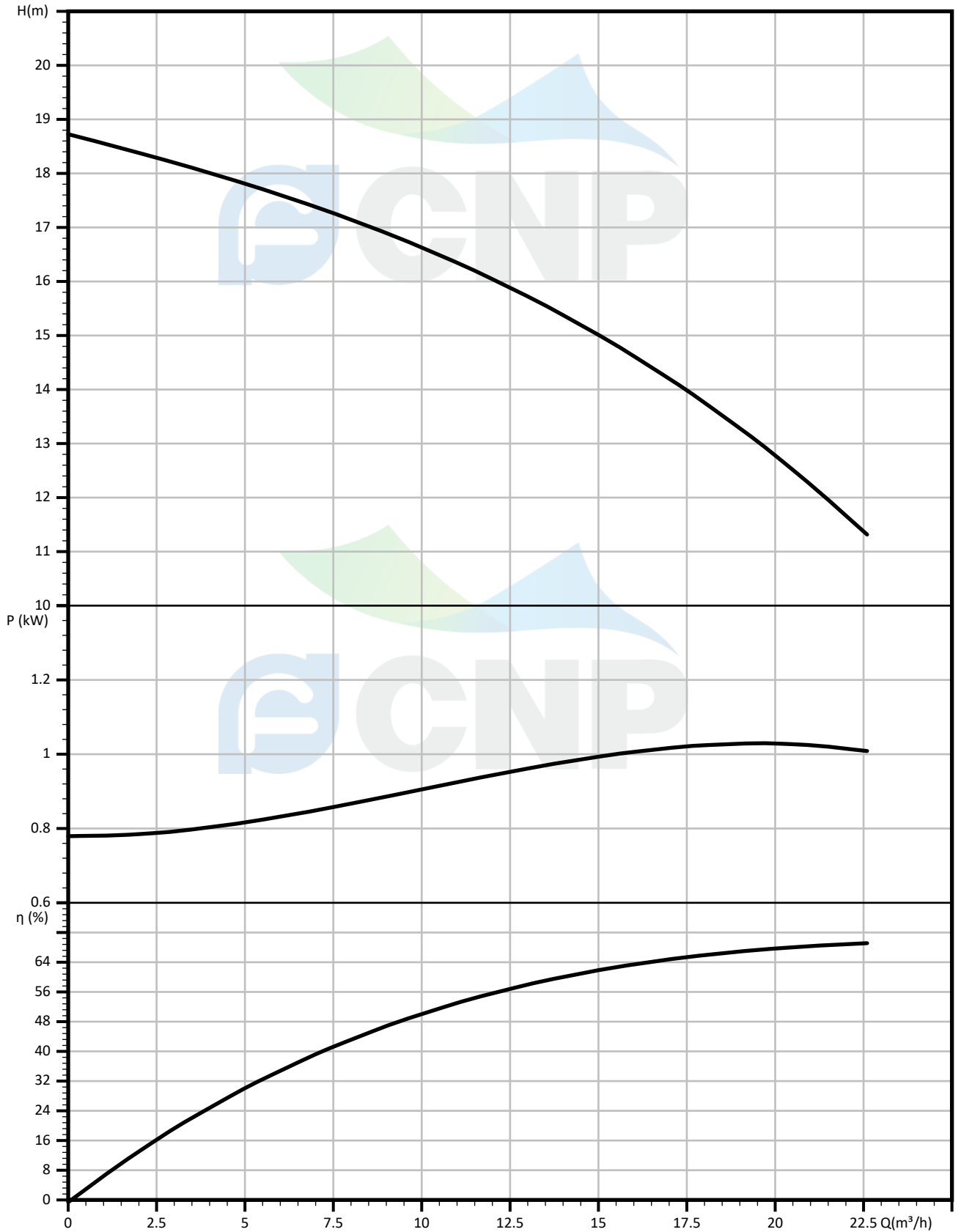
50WQ15-15-1.5(I)

Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
Address	Hangzhou, Zhejiang, China
Contact	86-571-88637351
Date	2023/06/23
Client Name	Ikhua Engineering SB
Client Addr.	Tmn Ind. Selesa Jaya.
Contacts	Nor Alera
Contact	016-2383778

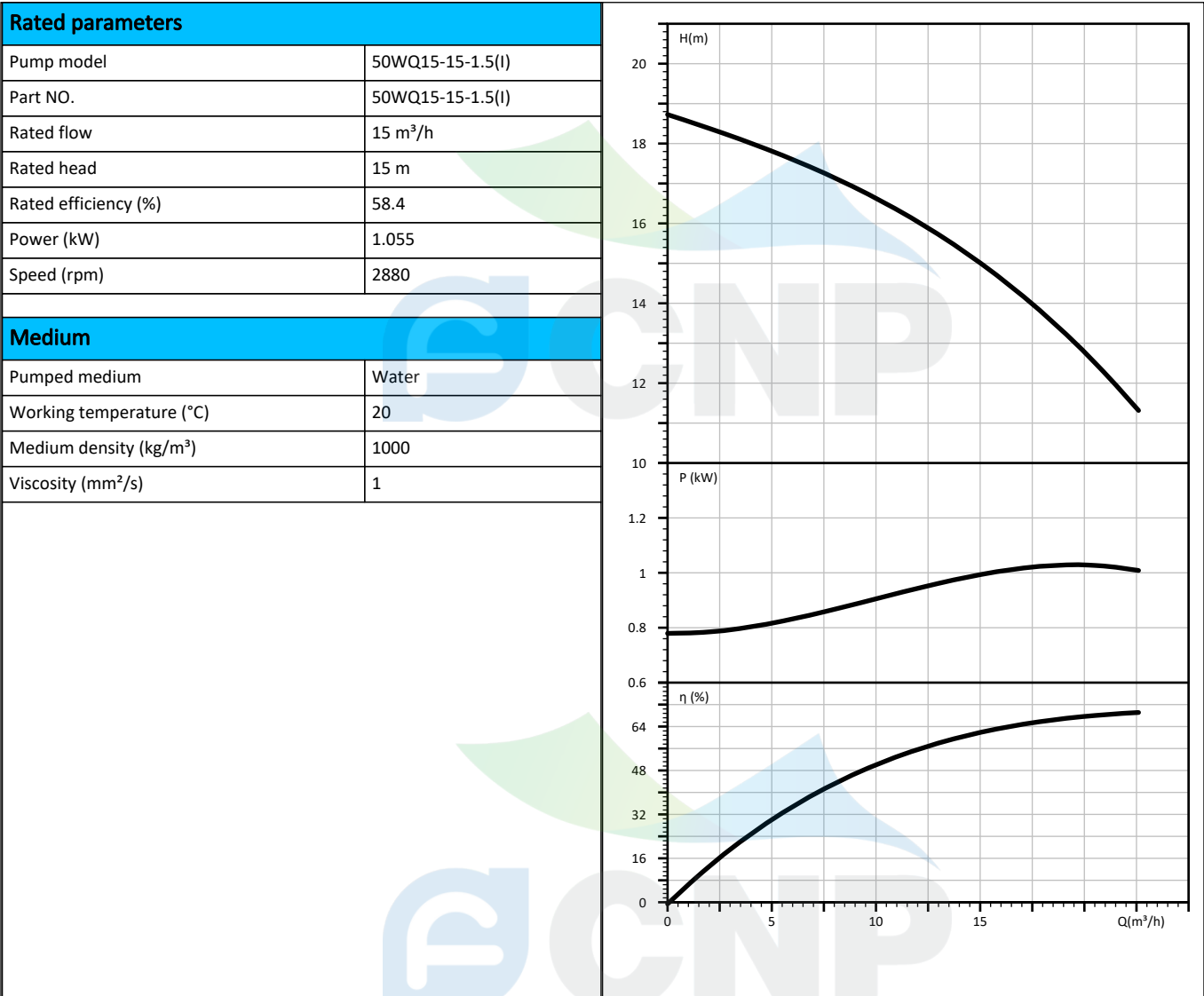
Project Name

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The hydraulic performance curve have been tested with Water at °C, density 1000kg/m³, and at 1bar atmospherical pressure. GB32162016 Grande 3B



	Pump Technical Parameters 50WQ15-15-1.5(I)	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2023/06/23
Project Name		Client Name	Ikhua Engineering SB
Item NO		Client Addr.	Tmn Ind. Selesa Jaya.
		Contacts	Nor Alera
		Contact	016-2383778





Installation picture

50WQ15-15-1.5(I)

Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
Address	Hangzhou, Zhejiang, China
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Date	2023/06/23
Client Name	Ikhua Engineering SB
Client Addr.	Tmn Ind. Selesa Jaya.
Contacts	Nor Alera
Contact	016-2383778

Project Name

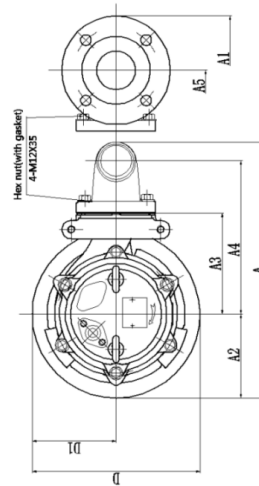
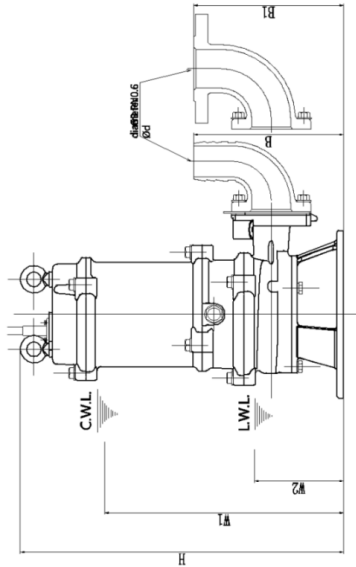
Item NO

CNP Nanfang Zhongjin Environment Co., Ltd.

DIMENSION DRAWING		No.	No.
TYPE	submersible sewage pump	MODEL	50WQ15-15-1.5

MODEL	d	A	A1	A2	A3	A4	A5	B	B1	D	D1	W1	W2	H	Body weight
50WQ15-15-1.5	50	363	420	120	156	223	236	216	216	240	120	310	151	475	33.0kg

diameter	elbow weight	bend weight
50	1.5kg	3.5kg



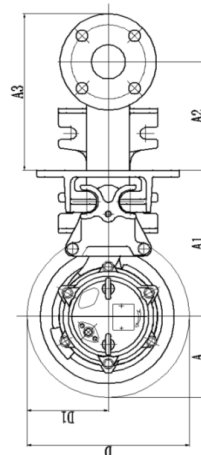
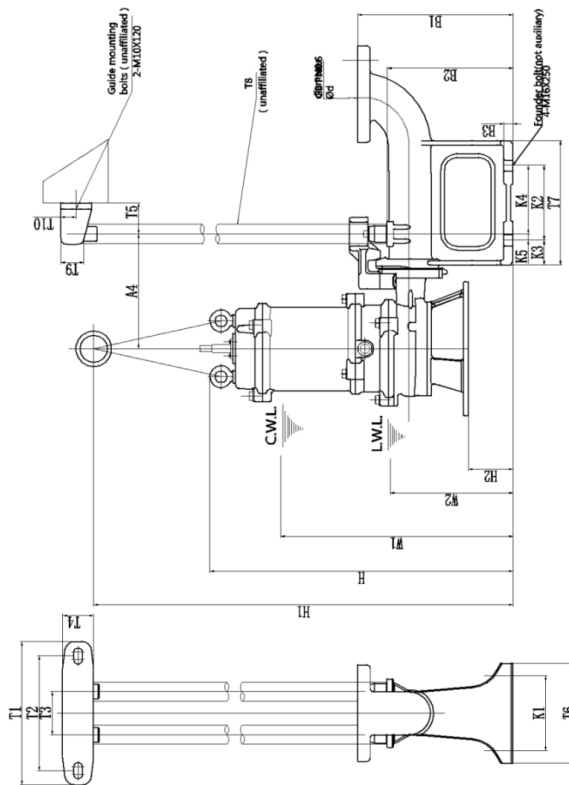
C.W.L.: minimum water level under continuous operation
L.W.L.: minimum water level under possible operation

Nanfang Zhongjin Environment CO.,LTD. unit : mm

CNP Nanfang Zhongjin Environment Co., Ltd.

DIMENSION DRAWING		No.	No.
TYPE	submersible sewage pump	MODEL	50WQ15-15-1.5

MODEL	A	A1	A2	A3	A4	D	D1	W1	W2	H	H1	H2	Body weight	
WQ15-15-1.5	120	261	155	225	211	240	120	369	210	504	934	59	33kg	
Outlet diameter	d	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	Coasting weight	
50WQ15-15-1.5	50	280	185	70	50	160	200	179	94	35	25	120	15	13.5kg



C.W.L.: minimum water level under continuous operation
L.W.L.: minimum water level under possible operation

Nanfang Zhongjin Environment CO.,LTD. unit : mm



Structure picture 50WQ15-15-1.5(I)

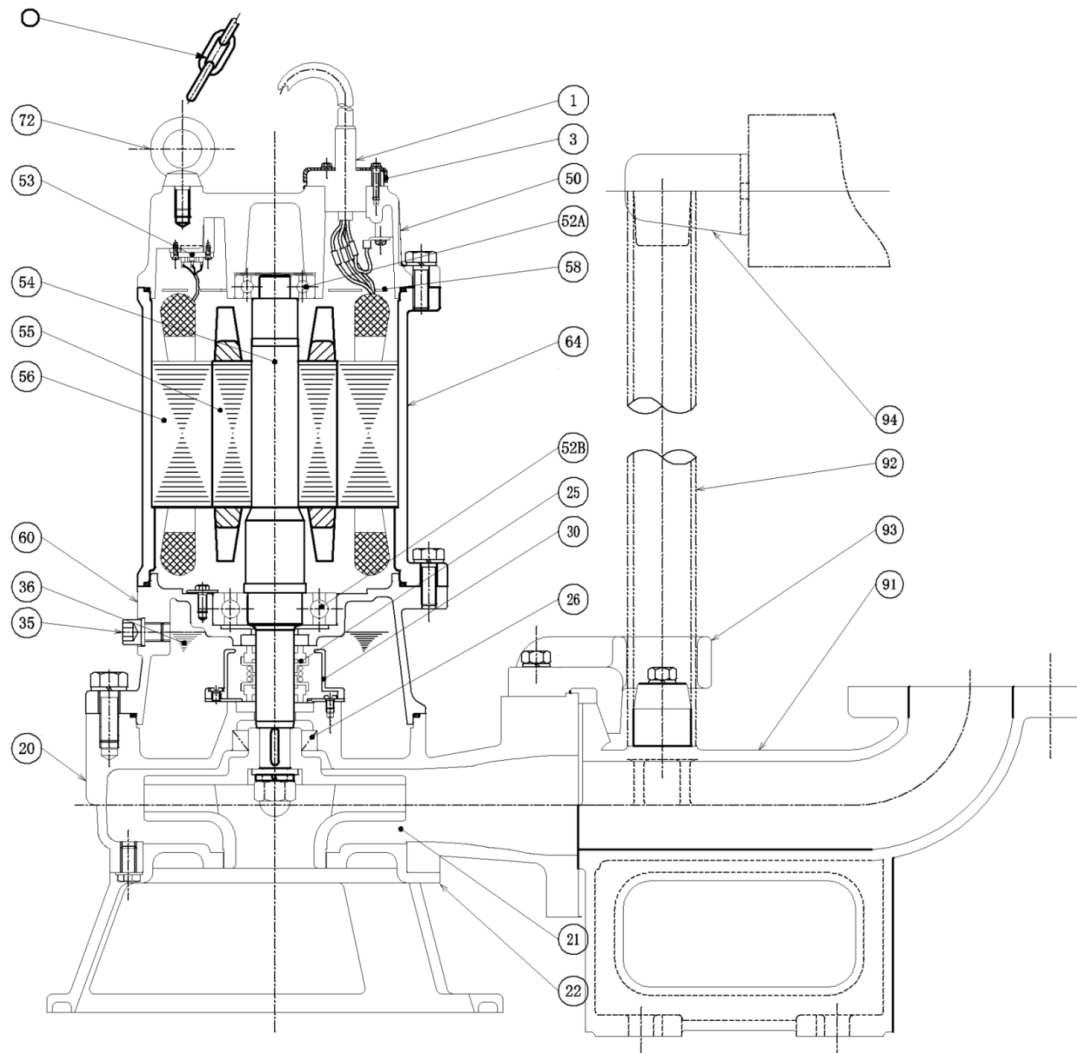
Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
Address	Hangzhou, Zhejiang, China
Contact	86-571-88637351
Date	2023/06/23
Client Name	Ikhua Engineering SB
Client Addr.	Tmn Ind. Selesa Jaya.
Contacts	Nor Alera
Contact	016-2383778

Project Name

Item NO

CNP Nanfang Zhongjin Environment Co., Ltd.

	SECTIONAL DRAWING	No.	No.
TYPE	submersible sewage pump	MODEL	WQ-1.5/2.2/3.0/4.0kW



							order specifications
No.	names of parts	number	material	No.	names of parts	number	material
1	cable	1	YZW	22	water inlet cover	1	HT200
3	cable cover	1	SUS304	20	casing	1	HT200
50	top cover	1	HT200	35	oil filler plug	1	SUS304
52A	upper bearing	1		36	machine oil 32#		
58	cable transit board	1		60	lower cover	1	HT200
64	base	1	HT200	56	stator	1	
52B	lower bearing	1		55	rotor	1	
25	mechanical seal	1	Carbon/SIC	54	shaft	1	
30	oil lift	1		53	thermal protector	1	
26	framework oil seal	1	NBRI-2	72	eye bolt	2	45#(forging galvanized)
93	guide hook	1	HT200	91	water outlet base	1	HT200
21	impeller	1	HT200	94	guiding	1	HT200
510	lift chain	1	SUS304	92	pipe	1	SUS304(unaffiliated)

Nanfang Zhongjin Environment CO.,LTD.

unit : mm



Physical picture
50WQ15-15-1.5(I)

Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
Address	Hangzhou, Zhejiang, China
Contact	86-571-88637351
Date	2023/06/23
Client Name	Ikhua Engineering SB
Client Addr.	Tmn Ind. Selesa Jaya.
Contacts	Nor Alera
Contact	016-2383778

Project Name

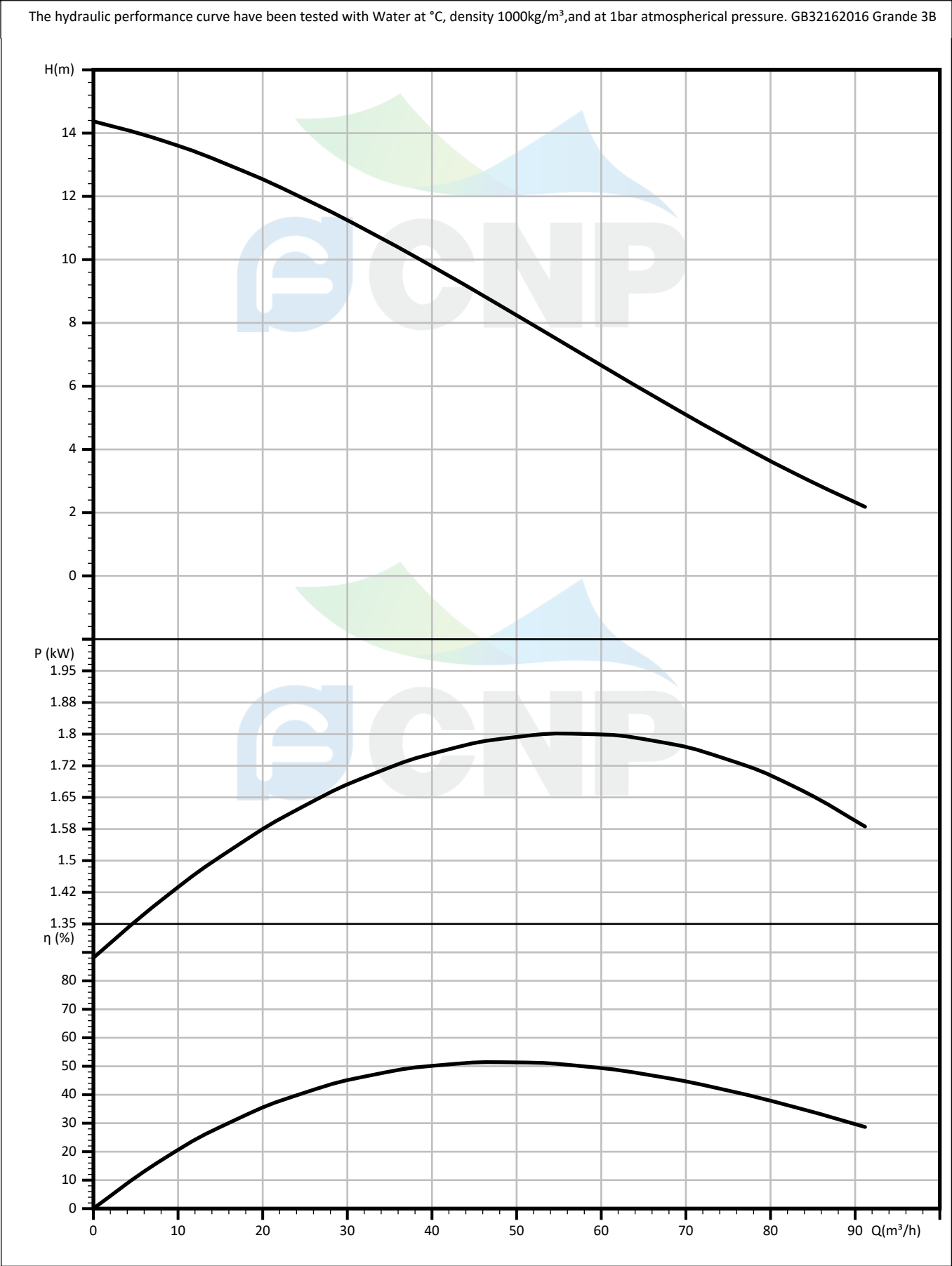
Item NO



	Product Information 100WQ50-7-2.2(I)	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2023/06/23
Project Name		Client Name	Ikhua Engineering SB
		Client Addr.	Tmn Ind. Selesa Jaya.
Item NO		Contacts	Nor Alera
		Contact	016-2383778

Part NO.	100WQ50-7-2.2(I)		
Product Picture: (Note: Images may not be the same as the product)		Note	
		The sewage submersible pump is composed of two parts: the motor and the pump. The two are separated by an oil chamber and a mechanical seal assembly. Divided into fixed automatic coupling installation and mobile installation	
Technology			
Pump rotator speed		2880	
Nameplate standards		CE	
Material			
Impeller		HT200	
Pump shaft		20cr13	
Pump case		HT200	
Rubber code		P	
Installation			
Connection Code		F	
Maximum Pressure/Temperature (high temperature)		6bar/40°C	
Flange Standard		DIN	
Pressure Class		PN6	
Medium			
Medium Temperature		40°C//40-80°C	
Maximum diameter of particles (mm)		45	
Maximum Environment Temperature		40°C	
Structure dimension			
Standard caliber		DN	
Outlet Diameter		DN100	
Motor			
Number of Motor Phase		Three Phase	
Protection Class		IP68	
Insulation Class		F	
Motor Power		2.2KW	
Power Frequency		50HZ	
Rated Voltage (V)		380V	
Rated Current (A)		4.6	
Starting mode		direct boot	
Seal			
Mechanical Seal		H-25	
Others			
Weight (kg)		48	

	Performance Curve 100WQ50-7-2.2(I)	Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2023/06/23
Project Name		Client Name	Ikhua Engineering SB
Item NO		Client Addr.	Tmn Ind. Selesa Jaya.
		Contacts	Nor Alera
		Contact	016-2383778





Pump Technical Parameters

100WQ50-7-2.2(I)

Manufacturer	Nanfeng Pump Industry Co.,Ltd (CNP)
Address	Hangzhou, Zhejiang, China
Contact	86-571-88637351
Date	2023/06/23
Client Name	Ikhua Engineering SB
Client Addr.	Tmn Ind. Selesa Jaya.
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Project Name

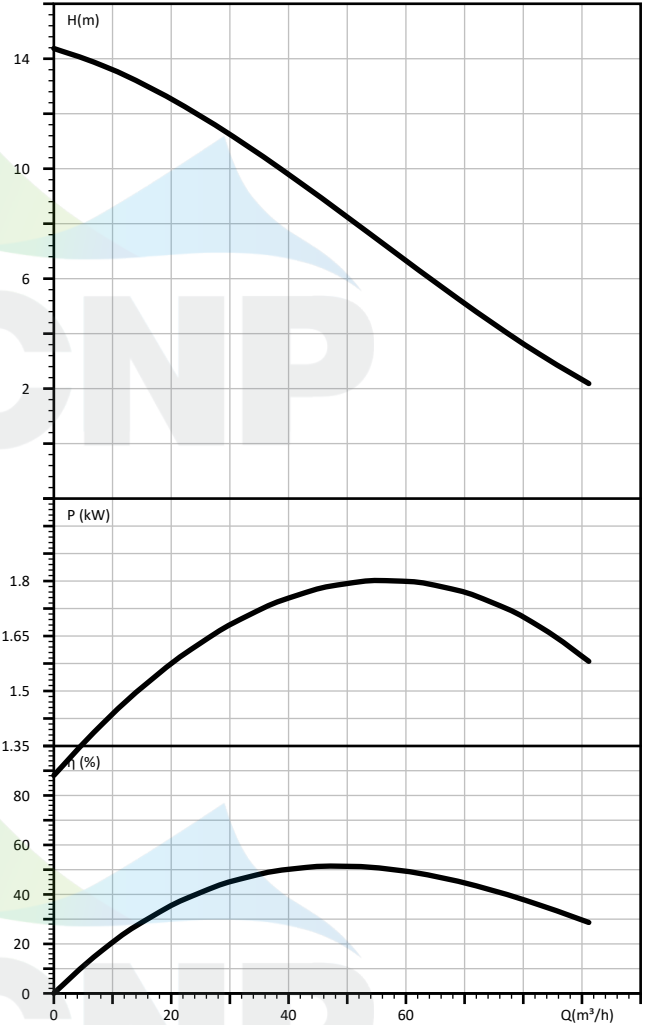
Item NO

Rated parameters

Pump model	100WQ50-7-2.2(I)
Part NO.	100WQ50-7-2.2(I)
Rated flow	50 m ³ /h
Rated head	7 m
Rated efficiency (%)	59.5
Power (kW)	1.821
Speed (rpm)	2880

Medium

Pumped medium	Water
Working temperature (°C)	20
Medium density (kg/m ³)	1000
Viscosity (mm ² /s)	1





Installation picture

100WQ50-7-2.2(I)

Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
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Client Name	Ikhua Engineering SB
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Project Name

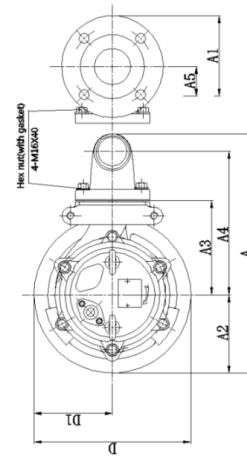
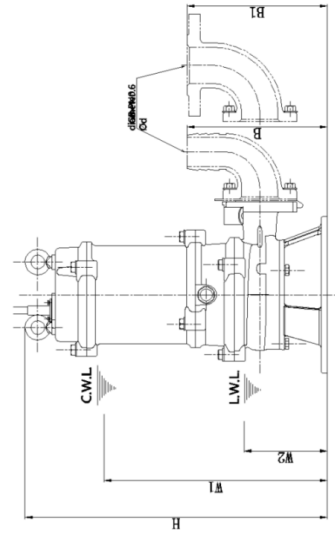
Item NO

CNP Nanfang Zhongjin Environment Co., Ltd.

DIMENSION DRAWING		No.	No.
TYPE	submersible sewage pump	MODEL	100WQ50-7-2.2

MODEL	d	A	A1	A2	A3	A4	A5	B	B1	D	D1	W1	W2	H	Body weight
WQ50-7-2.2	100	479	559	128	200	307	331	286	256	256	128	400	180	543	45kg

diameter	elbow weight	bend weight
100	6.5kg	10.5kg



C.W.L. :minimum water level under continuous operation
L.W.L. :minimum water level under possible operation

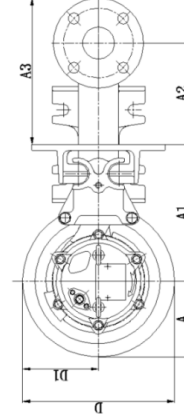
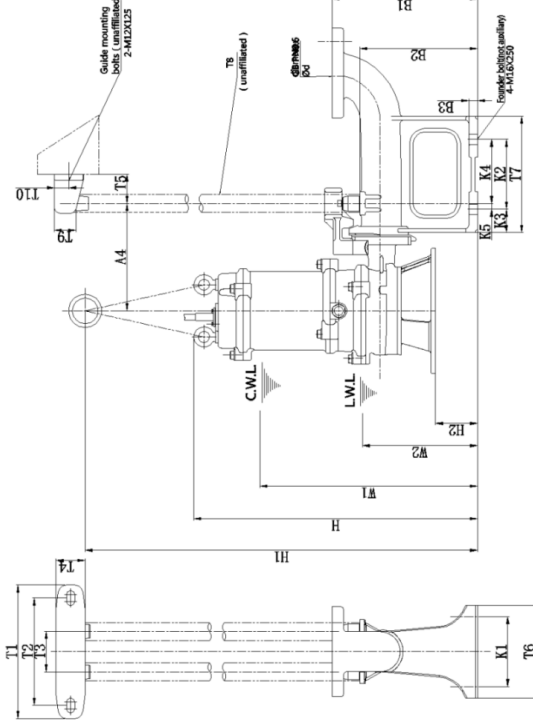
unit : mm

Nanfang Zhongjin Environment CO.,LTD.

CNP Nanfang Zhongjin Environment Co., Ltd.

DIMENSION DRAWING		No.	No.
TYPE	submersible sewage pump	MODEL	100WQ50-7-2.2

MODEL	A	A1	A2	A3	A4	D	D1	W1	W2	H	H1	H2	Body weight							
100WQ50-7.2.2	128	365	173	278	270	256	128	500	280	643	1043	100	45kg							
Outlet diameter	d	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	K1	K2	K3	K4	K5	K6	B3	B8	Coupling weight
100WQ50-7.2.2	100	300	245	100	60	95	250	290	270	600	15	19	340	285	15	35kg				



C.W.L. :minimum water level under continuous operation
L.W.L. :minimum water level under possible operation

unit : mm

Nanfang Zhongjin Environment CO.,LTD.



Structure picture 100WQ50-7-2.2(I)

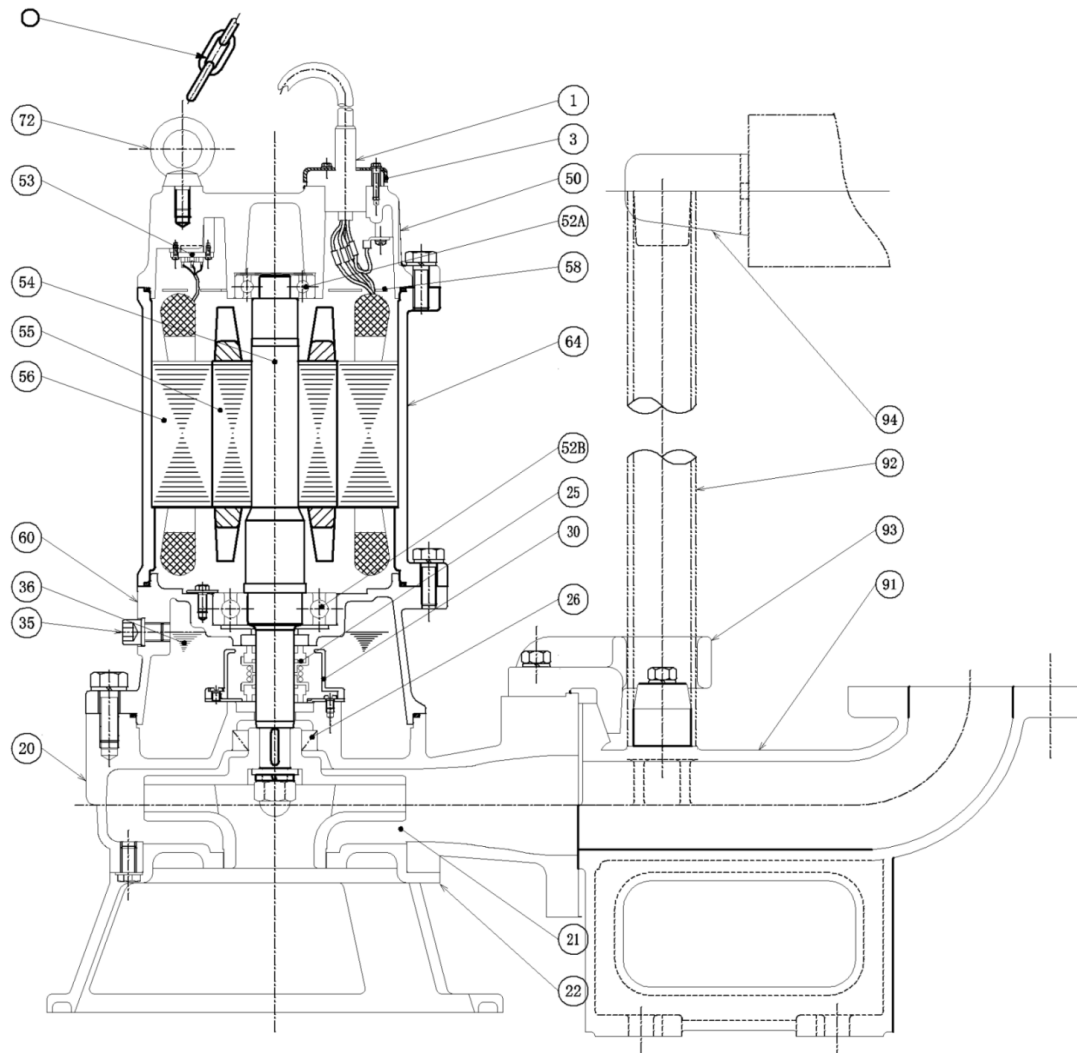
Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
Address	Hangzhou, Zhejiang, China
Contact	86-571-88637351
Date	2023/06/23
Client Name	Ikhua Engineering SB
Client Addr.	Tmn Ind. Selesa Jaya.
Contacts	Nor Alera
Contact	016-2383778

Project Name

Item NO

CNP Nanfang Zhongjin Environment Co., Ltd.

SECTIONAL DRAWING		No.	No.
TYPE	submersible sewage pump	MODEL	WQ-1.5/2.2/3.0/4.0kW



							order specifications
No.	names of parts	number	material	No.	names of parts	number	material
1	cable	1	YZW	22	water inlet cover	1	HT200
3	cable cover	1	SUS304	20	casing	1	HT200
50	top cover	1	HT200	35	oil filler plug	1	SUS304
52A	upper bearing	1		36	machine oil 32#		
58	cable transit board	1		60	lower cover	1	HT200
64	base	1	HT200	56	stator	1	
52B	lower bearing	1		55	rotor	1	
25	mechanical seal	1	Carbon/SIC	54	shaft	1	
30	oil lift	1		53	thermal protector	1	
26	framework oil seal	1	NBRI-2	72	eye bolt	2	45#(forging galvanized)
93	guide hook	1	HT200	91	water outlet base	1	HT200
21	impeller	1	HT200	94	guiding	1	HT200
510	lift chain	1	SUS304	92	pipe	1	SUS304(unaffiliated)

Nanfang Zhongjin Environment CO.,LTD.

unit : mm

	Physical picture 100WQ50-7-2.2(I)	Manufacturer	Nanfang Pump Industry Co.,Ltd (CNP)
		Address	Hangzhou, Zhejiang, China
		Contact	86-571-88637351
		Date	2023/06/23
Project Name		Client Name	Ikhua Engineering SB
		Client Addr.	Tmn Ind. Selesa Jaya.
Item NO		Contacts	Nor Alera
		Contact	016-2383778

