
	Product Information 150WQ240-7-7.5(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.	150WQ240-7-7.5(I)
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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	1450
Nameplate standards	CE

Material

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

Installation

Connection Code	F
Maximum Pressure/Temperature	6bar/40
Flange Standard	DIN
Pressure Class	PN6

Medium

Medium Temperature	40
Maximum diameter of partic	70
Maximum Environment Temper	40

Structure dimension

Standard caliber	DN
Outlet Diameter	DN150

Motor


Number of Motor Phase	Three Phase
Protection Class	IP68
Insulation Class	F
Motor Power	7.5
Power Frequency	50HZ
Rated Voltage (V)	380V
Rated Current (A)	16.6
Starting mode	direct boot

Seal

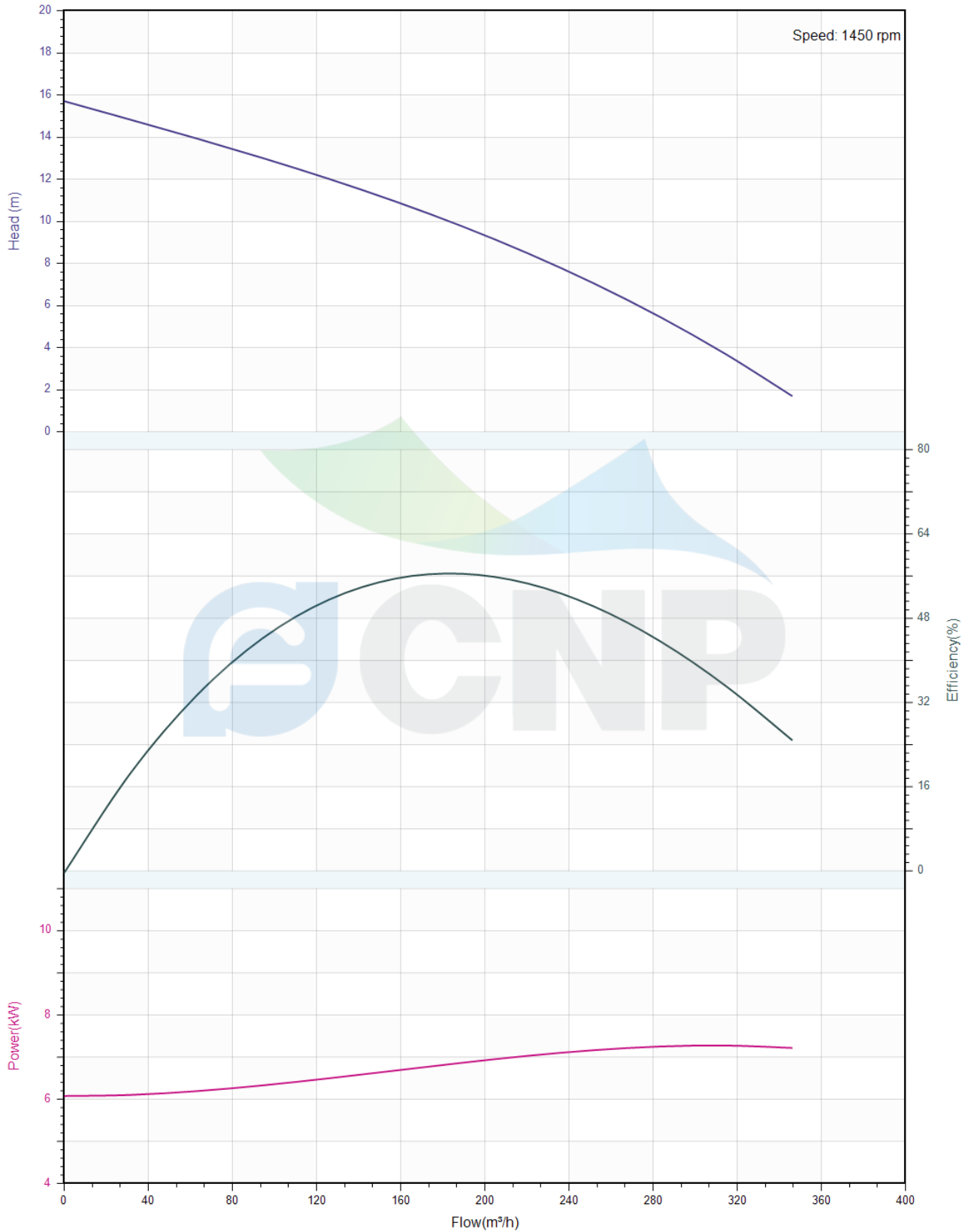
Mechanical Seal	H-35
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Others

Weight (kg)	126
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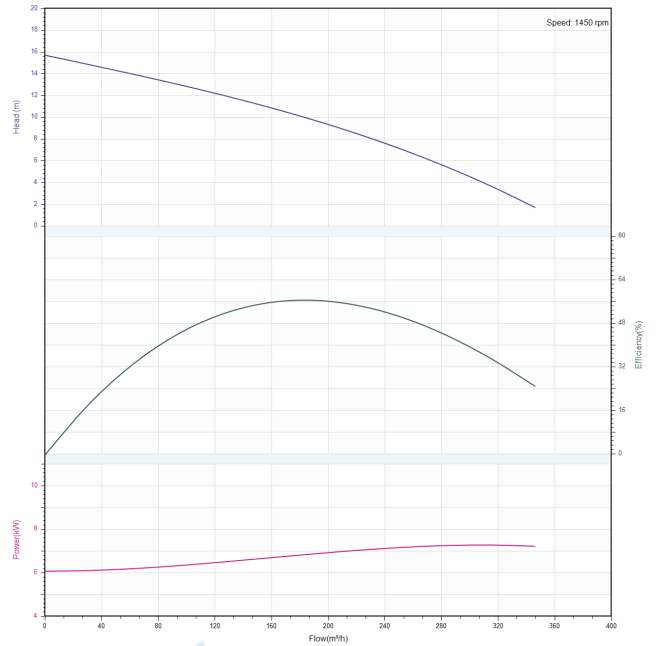
	Performance Curve 150WQ240-7-7.5(I)	Manufacturer	CNP
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The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m³, and at 1bar atmospheric pressure. ISO99062012 Grade 3B



	Pump Technical Parameters 150WQ240-7-7.5(I)	Manufacturer	CNP
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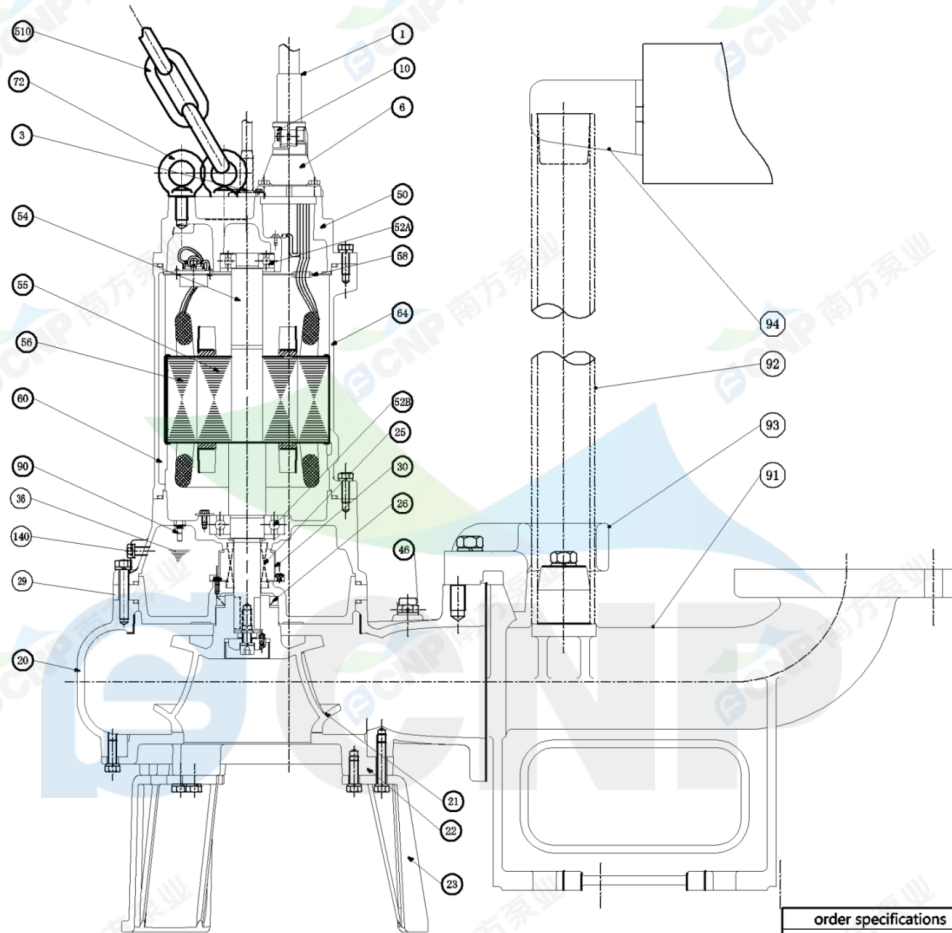
Rated parameters	
Pump model	150WQ240-7-7.5(I)
Part NO.	150WQ240-7-7.5(I)
Rated flow (m³/h)	240
Rated head (m)	7
Rated efficiency (%)	60.8
Power (kW)	6.918
Speed (rpm)	1450
Medium	
Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



	Structure picture 150WQ240-7-7.5(I)	Manufacturer	CNP
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	SECTIONAL DRAWING	No.	No.
TYPE	submersible sewage pump	MODEL	4P-5.5/7.5kW

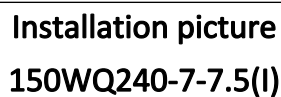


order specifications

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	23	foot bracket	1	HT200
50	top cover	1	HT200	37	water outletbend	1	HT200(unaffiliated)
52A	upper bearing	1		20	casing	1	HT200
58	cable transit board	1	PPS	29	Casingtop cover	1	HT200
64	base	1	HT200	140	oil filler plug	1	SUS304
52B	lower bearing	1		36	machine oil 32#		
25	mechanical seal	1	Carbon/SIC	90	Leak sensor electrode bar	1	
30	oil lift	1		60	lower cover	1	HT200
26	framework oil seal	1	NBRI-2	56	stator	1	
46	Air release bolt	1		55	rotor	1	
94	guiding	1	HT200	54	shaft	1	
92	pipe	1	SUS304(unaffiliated)	53	Mini-thermalprotector	1	
93	guide hook	1	HT200	72	eye bolt	2	45#(forging galvanized)
91	water outlet base	1	HT200	510	lift chain	1	SUS304
21	impeller	1	HT200	10	Cable lockblock	2	HT200
6	cable sleeve	2	HT200				

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unit : mm

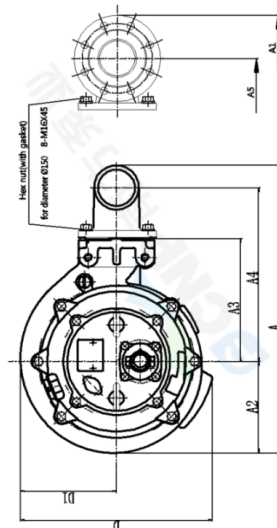
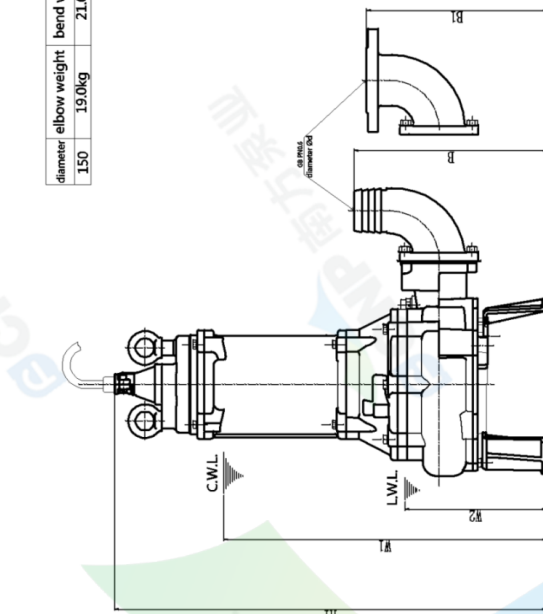


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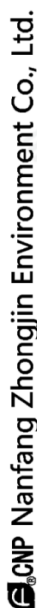
DIMENSION DRAWING		No.	No.
TYPE submersible sewage pump		MODEL	
MODEL	d	A	A1 A2 A3 A4 A5 B B1 D D1 W1 W2 H
150WQ240-7-7.5	150	881	859 228 320 498 498 613 545 457 254 854 510 1085 126kg

diameter	elbow weight	bend weight
150	19.0kg	21.0kg

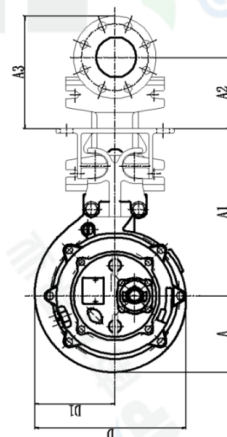
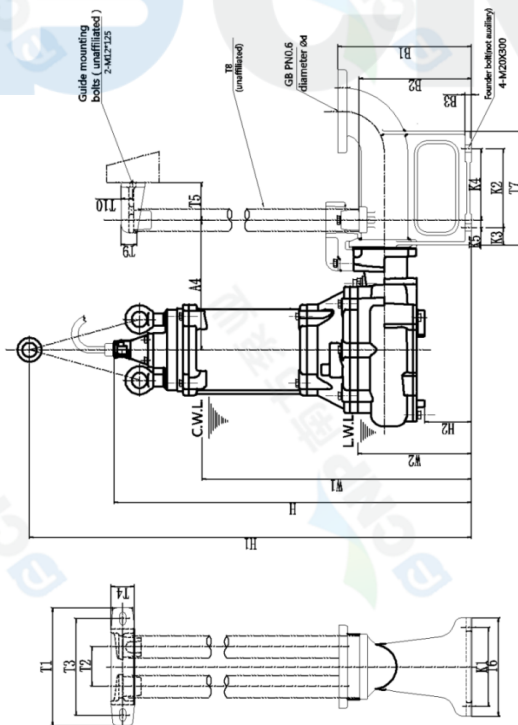


C.W.L.: minimum water level under continuous operation
L.W.L.: minimum water level under possible operation

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TYPE submersible sewage pump										MODEL				150WQ240-7-7.5			
DIMENSION DRAWING										No.		No.					
MODEL	A1	A2	A3	A4	B	D1	D2	W1	W2	H1	H2	Body weight					
150WQ240-7-7.5	228	509	150	330	164	457	254	800	400	1030	1430	155	1256kg				
Outlet diameter	1	12	13	14	15	17	18	19	21	23	24	25	26				
50WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
30WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
15WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
10WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
5WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
3WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
1.5WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.75WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.37WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.18WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.09WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.045WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.022WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.011WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.0055WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.0027WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.0013WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.00065WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.00032WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.00016WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.00008WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.00004WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.00002WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.00001WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.000005WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				
0.0000025WQ240-7-7.5	150	258	136	160	60	95	360	400	300	500	205	95	480				



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