
	<b>Product Information</b> <b>150WQ270-16-22(I)</b>	Manufacturer	CNP
		Address	Yuhang District, Hangzhou, Zhejiang,
		Contact	86-571-88637351
		Date	2022/03/09
Project Name		Client Name	DPA
Item NO		Client Addr.	
		Contacts	Alireza
		Contact	

Part NO.	150WQ270-16-22(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	1460
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	65
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	22
Power Frequency	50HZ
Rated Voltage (V)	380V
Rated Current (A)	43.1
Starting mode	direct boot

#### Seal

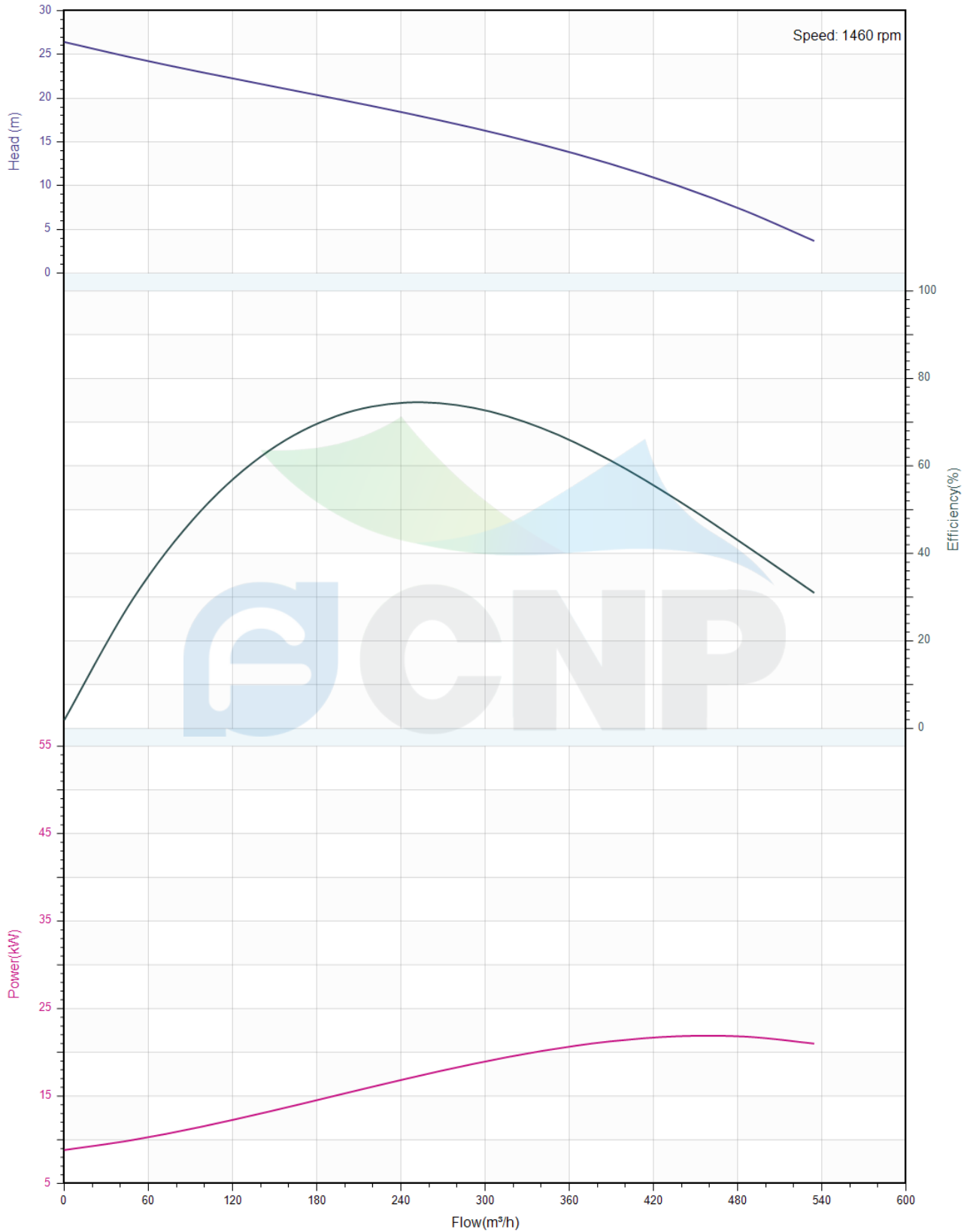
Mechanical Seal	H-50
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#### Others

Weight (kg)	690
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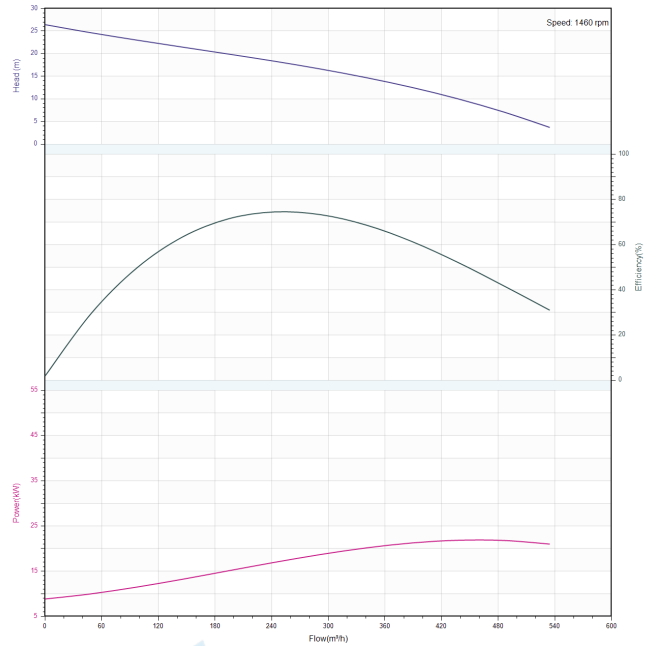
	<b>Performance Curve</b> <b>150WQ270-16-22(I)</b>	Manufacturer	CNP
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The hydraulic performance curve have been tested with Clean Water at 20°C, density 1000kg/m<sup>3</sup>, and at 1bar atmospheric pressure. ISO99062012 Grade 3B




	<b>Pump Technical Parameters</b> <b>150WQ270-16-22(I)</b>	Manufacturer	CNP
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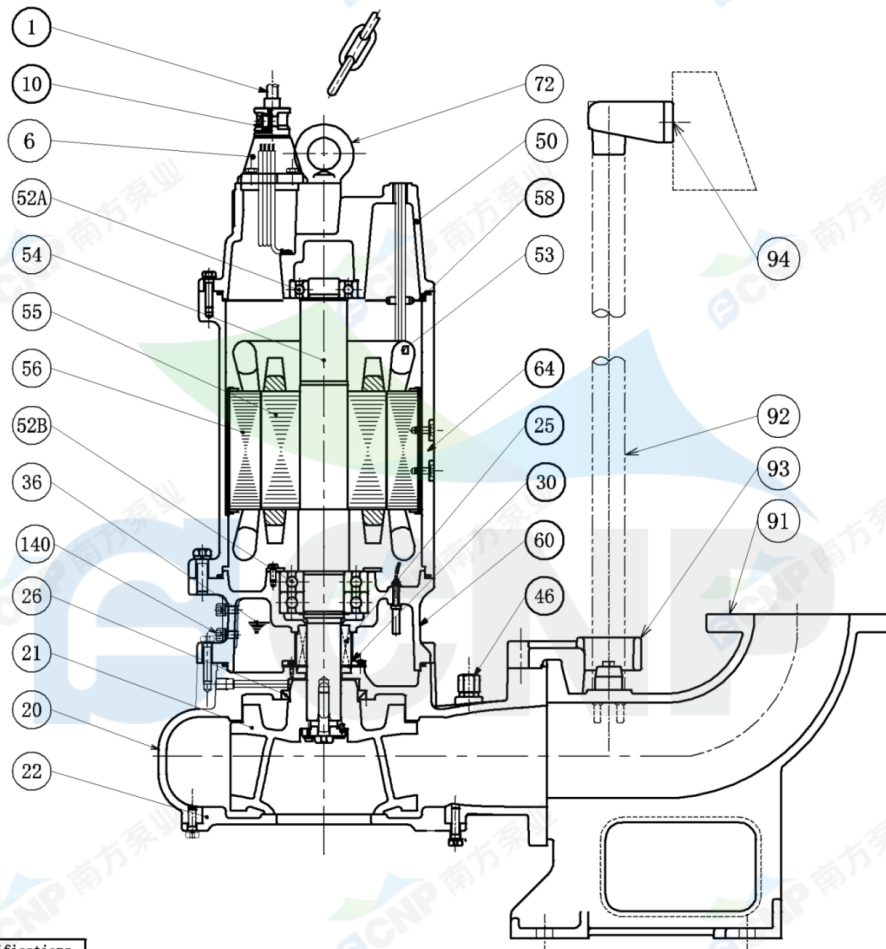
Rated parameters	
Pump model	150WQ270-16-22(I)
Part NO.	150WQ270-16-22(I)
Rated flow (m <sup>3</sup> /h)	270
Rated head (m)	16
Rated efficiency (%)	68.3
Power (kW)	19.12
Speed (rpm)	1460
Medium	
Pumped medium	Clean Water
Working temperature (°C)	20
Medium density (kg/m <sup>3</sup> )	1000
Viscosity (mm <sup>2</sup> /s)	1



	<b>Structure picture</b> <b>150WQ270-16-22(I)</b>	Manufacturer	CNP
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 CNP Nanfang Zhongjin Environment Co., Ltd.

	SECTIONAL DRAWING	No.	No.
TYPE	submersible sewage pump	MODEL	18.5/22KW



order specifications			

No.	names of parts	number	material	No.	names of parts	number	material
1	cable	1	YZW	20	casing	1	HT200
6	cable sleeve	1	HT200	21	impeller	1	HT200
50	top cover	1	HT200	26	framework oil seal	1	NBRI-2
58	cable transit board	1	Q235	140	oil filler plug	2	SUS304
64	base	1	HT200	36	machine oil 32#		
25	mechanical seal	1	Carbon/SIC	52B	lower bearing	2	
60	lower cover	1	HT200	56	stator	1	
30	oil lift	1		55	rotor	1	
46	Air release bolt	1		54	shaft	1	
94	guiding	1	HT200	53	Mini-thermalprotector	1	
92	pipe	1	SUS304(unaffiliated)	52A	upper bearing	1	
93	guide hook	1	HT200	72	eye bolt	2	45#(forging galvanized)
91	water outlet base	1	HT200	95	lift chain	1	SUS304
22	water inlet cover	1	HT200	10	电缆线锁紧块	2	HT200

Nanfang Zhongjin Environment CO.,LTD.

unit: mm

