




**Product Information**  
**CDLK42-100/10-2**

Manufacturer	CNP
Address	Yuhang District, Hangzhou, Zhejiang,
Contact	86-571-88637351
Date	2022/07/19
Client Name	DPA
Client Addr.	
Contacts	Alireza
Contact	

**Project Name**

**Item NO**

Part NO.	1100057345
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Product Picture	Note
	<p><b>Product introduction</b></p> <p>CDLK/CDLKF is non-self priming multi-stage centrifugal pump installed with standard motor. The motor shaft is directly connected with the pump shaft through coupling. The impellers and diffusers are made of stainless steel plate stamping and welding. In order to meet the requirement of installation depth of the water tank or vessel, it is possible to install cavity diffusers for changing length of the pump.</p> <p><b>Performance and advantages</b></p> <p>Compact structure Convenient maintenance Changeable installation depth</p>

Nameplate parameters	
flow	42 m <sup>3</sup> /h
head	194 m
Efficiency	71
speed	2900
number of stages	10
technology	
Pump rotator speed	2900
Nameplate standards	CE
Material	
Impeller	304
Rubber code	P
Material Code	S
Medium	
Medium Temperature normal	-15°C+70°C
Medium Temperature high t	-15°C+105°C
Maximum Environment Temper	40°C
Motor	
Number of Motor Phase	Three Phase
Protection Class	IP55
Insulation Class	F
Motor Power	37KWKW
Power Frequency	50HZ
Rated Voltage (V)	380V
Rated Current (A)	68.3A
Energy Efficiency Level	IE3
Seal	
Mechanical Seal	CDLA-22/WSF14
Others	
Weight (kg)	320



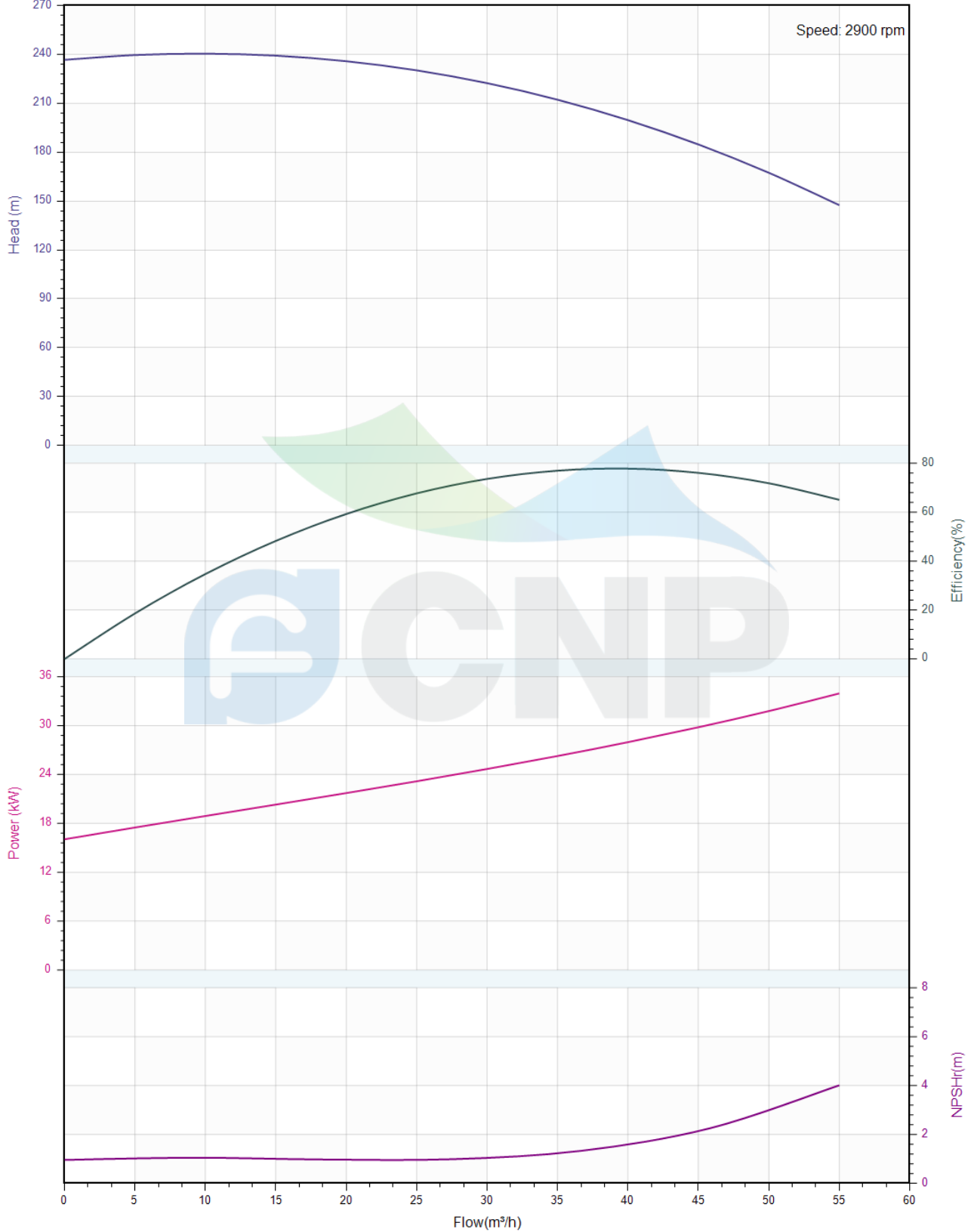
# Performance Curve CDLK42-100/10-2

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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. GB32162016 Grande 3B





## Pump Technical Parameters

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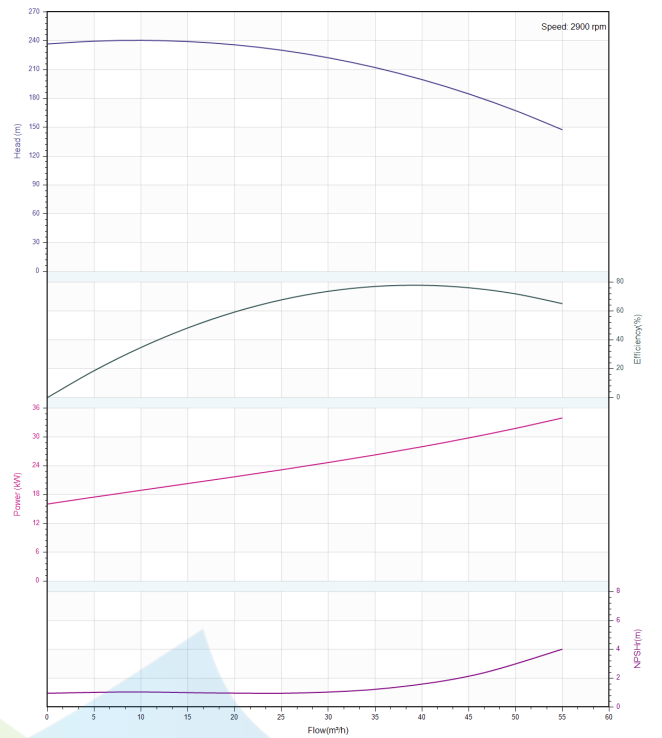
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#### Rated parameters

Pump model	CDLK42-100/10-2
Part NO.	1100057345
Rated flow	42 m <sup>3</sup> /h
Rated head	194 m
Rated efficiency (%)	71
Power (kW)	31.3
NPSHr (m)	3
Speed (rpm)	2900
Max impeller diameter (mm)	136

#### Medium

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





**Physical picture**  
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