

# novax

PUMPS & MOTORS



STAINLESS STEEL CENTRIFUGAL PUMPS  
SELF PRIMING PUMPS

ALSO AVAILABLE



# Introduction

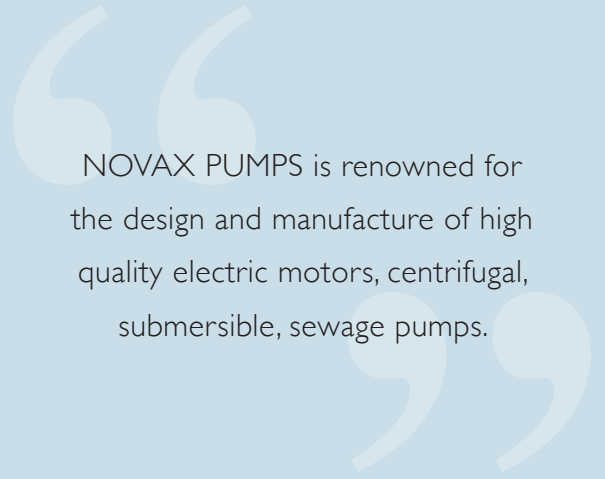
Our goal as a company is to remain at the forefront of technology with a philosophy of integrating four essential concepts as cornerstones in the development of our products: quality, innovation, energy saving and cutting-edge pumping solutions that blend to elevate the quality of modern society and life. We are committed to creating technology that works in harmony with nature while constantly improving man's relationship with the environment. Our production processes are carefully structured to optimize energy, quality and reliability of our products. We work each and every day on innovation, believing firmly our technology and products must go hand-in-hand with full, total respect of society and life.

## Quality

It is the keyword to every aspect of our operations and aspirations. We define this word as the ability to create products that earn the loyalty of our customers. This is precisely why we believe that Quality is essential in every aspect of our day-to-day operations including: the competence and skill of our employees, the use of superior materials and production processes and the continuous development of new solutions aimed at achieving even higher standards.

## Customer Satisfaction

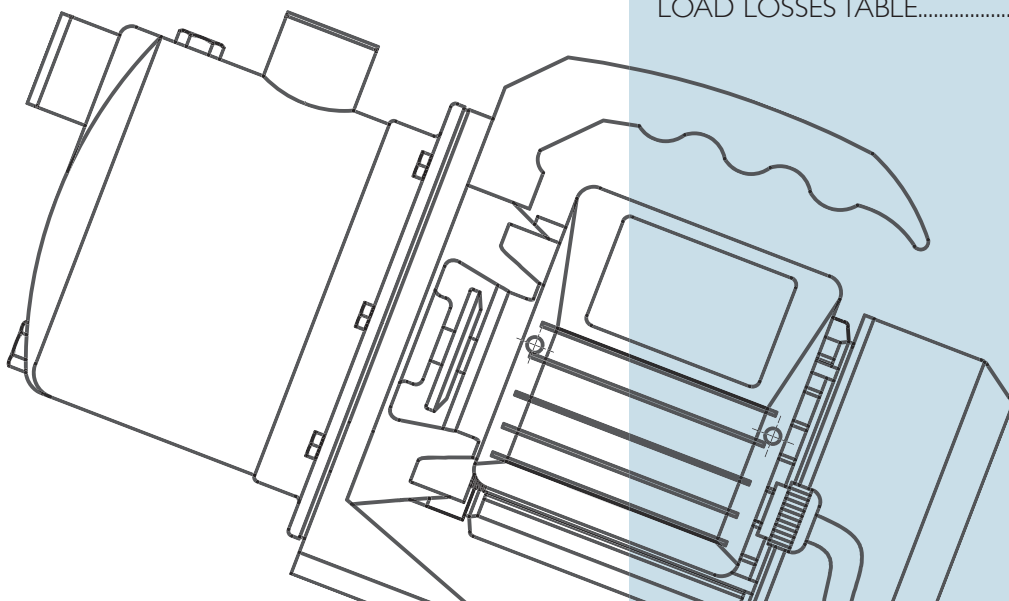
NOVAX is committed to satisfying our customers within the global market. Our objective is an important objective we pursue every day, beginning with our production and customer service philosophy. We only allow products driven by excellence to leave our factories, the results of cutting edge technology and our expertise. We continue to pursue the development of superior products committed to sustainable social and economic development.



NOVAX PUMPS is renowned for the design and manufacture of high quality electric motors, centrifugal, submersible, sewage pumps.

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### APPLICATIONS

Suitable for circulation cleaning system of various production lines and transporting media containing impurities

### MATERIALS

- Casting, back cover, impeller and pump shaft: SUS304 material
- Motor casing: Aluminium-alloy

### PERFORMANCE LIMITS

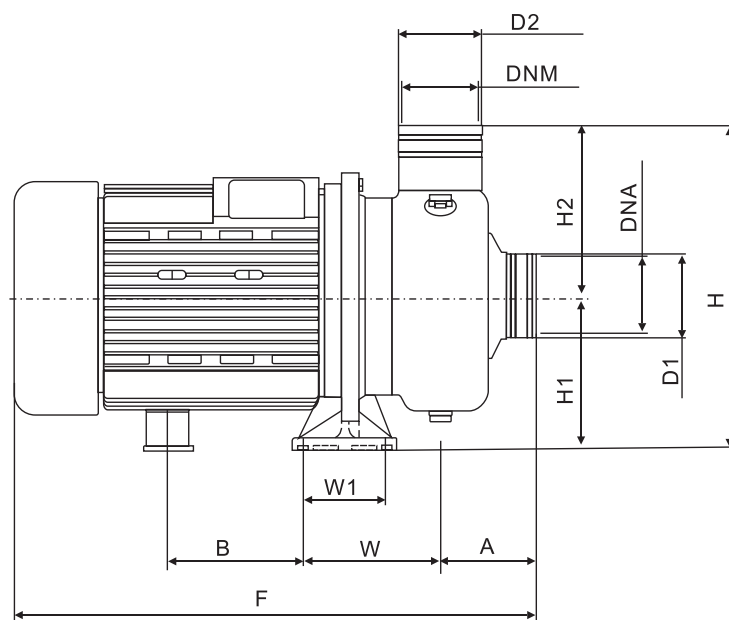
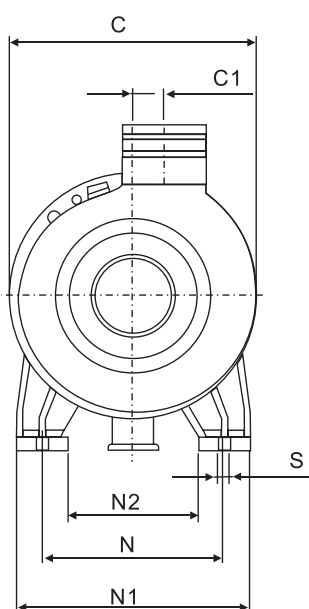
- Max. Solid diameter: 14mm
- Liquid temperature: 15°C~+80°C
- Can be connected with threaded tube or hose.
- This pump can be used at full head without overloading motor

### TECHNICAL DATA

- TEFC 2 pole motor
- Insulation Class F
- Protection degree IP54/IP55
- 1-230V+/-10% 50HZ, 3-230/400V+/-10% 50HZ
- Permanent split capacitor and automatic thermal overload for single phase version
- Thermal protection to be provided by the user for three phase version

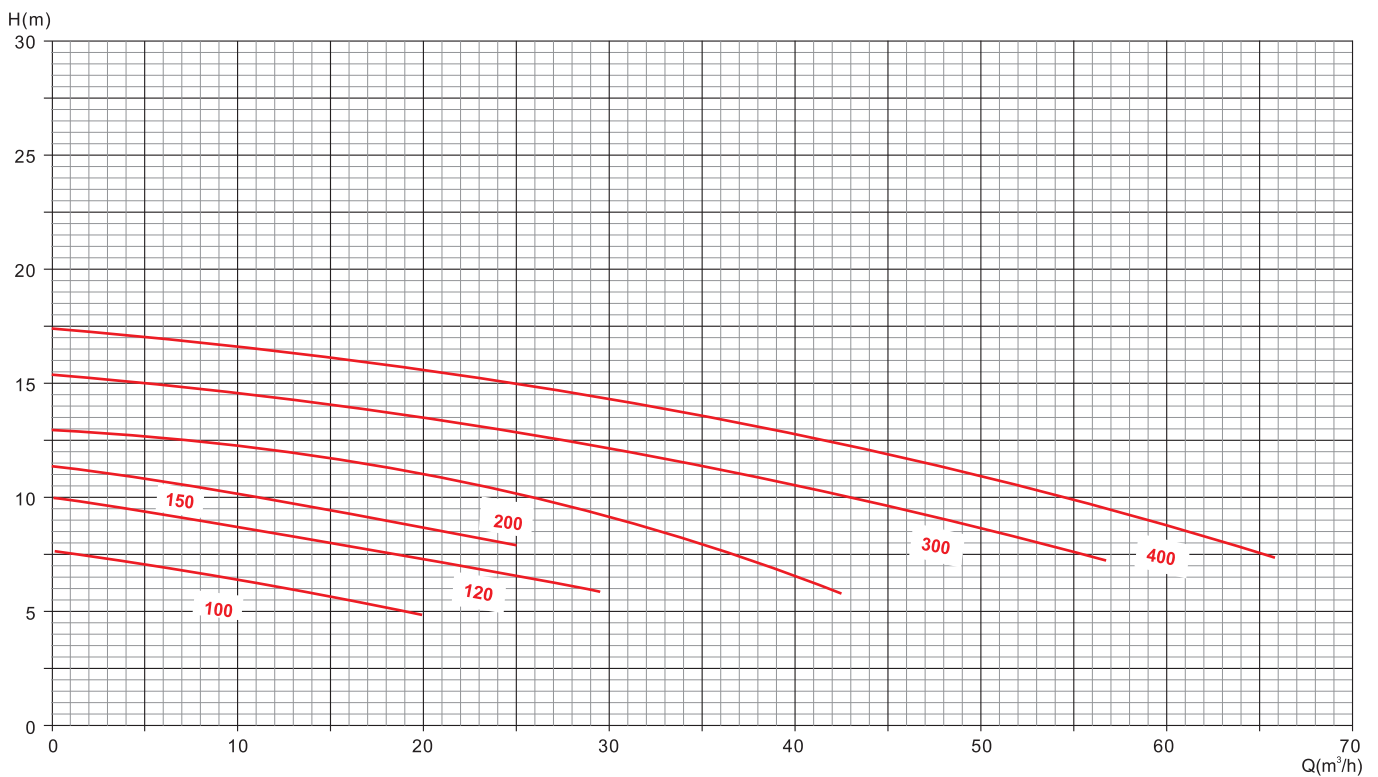
## DW-OE

Close-coupled complete pump with special motor.



DIMENSIONS

Model	A	C	CI	F	H	HI	H2	N	NI	N2	S	W	WI	B	D1	DNA	D2	DNM
DW-OE 100	74.5	170	20	358	226	108	118	120	160	80	9	84	52	90	Ø52	G 1 1/2*	Ø52	G 1 1/2*
DW-OE 120	74.5	170	20	358	226	108	118	120	160	80	9	84	52	90	Ø52	G 1 1/2*	Ø52	G 1 1/2*
DW-OE 150	82	193	20	364	253	120	133	140	180	100	9	100	52	74	Ø63	G 2*	Ø63	G 2*
DW-OE 200	82	193	20	364	253	120	133	140	180	100	9	100	52	74	Ø63	G 2*	Ø63	G 2*
DW-OE 300	82	193	20	390	253	120	133	140	180	100	9	100	52	65	Ø80	G 2 1/2*	Ø63	G 2*
DW-OE 400	82	193	20	390	253	120	133	140	180	100	9	100	52	65	Ø80	G 2 1/2*	Ø63	G 2*



TECHNICAL DATA

n=2900rpm

Model		Power		Capacity										
Single phase 220V/50HZ	Three phase 380V/50HZ	KW	HP	m³/h	6	12	18	24	33	42	48	57	66	
				L/min	100	200	300	400	550	700	800	950	1100	
				Head(m)										
DW-OE 100 M	DW-OE 100	0.75	1.0	7	6	5								
DW-OE 120 M	DW-OE 120	0.9	1.2	11	10	9								
DW-OE 150 M	DW-OE 150	1.1	1.5	9.5	8.8	7.8	6.7	5						
DW-OE 200 M	DW-OE 200	1.5	2.0	12.7	12	11.2	10	8.3	6.5					
DW-OE 300 M	DW-OE 300	2.2	3.0	15	14	13.5	12.7	11.2	9.8	8.9	7.5			
/	DW-OE 400	3.0	4.0	17.5	16.8	16	15.2	14	12.5	11.5	9.7	7.5		



**APPLICATIONS**

The pumps are suitable for transporting clean water and light corrosive liquid, glycol solution and other liquid which must be allowed by dealer. The pumps can be applied on industrial applications, domestic, washing, pool and irrigation etc.

**MATERIALS**

- Casting, impeller back cover and shaft: SUS304.

**PERFORMANCE LIMITS**

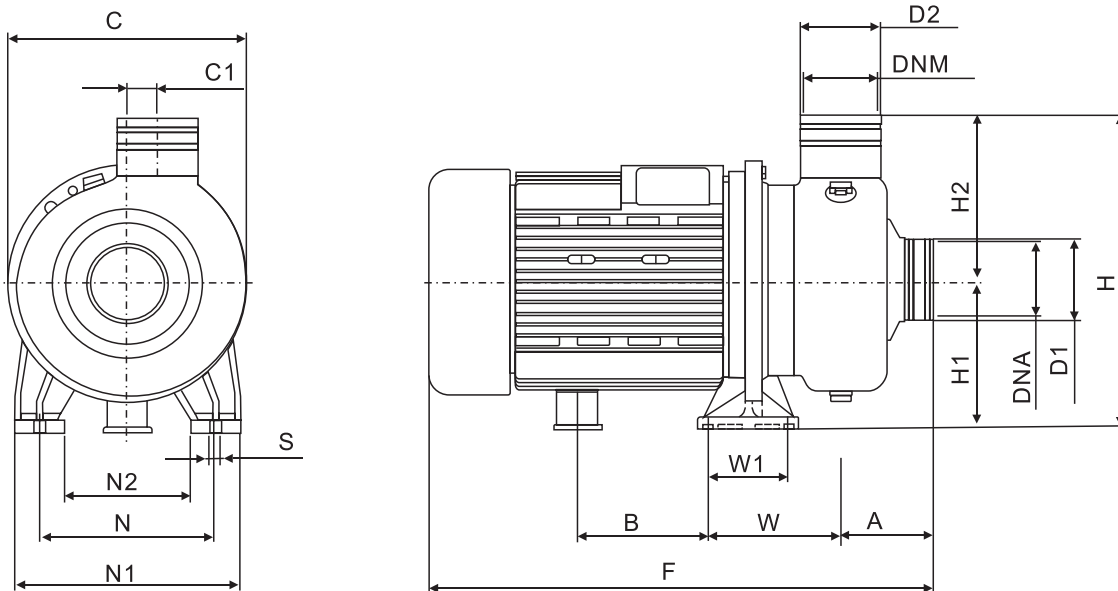
- Liquid temperature: 15°C~+80°C
- Max. Working pressure: 8 bar
- This pump can be used at full head without overloading motor

**TECHNICAL DATA**

- TEFC 2 pole motor
- Insulation Class F
- Protection degree IP54/IP55
- I-230V+/-10% 50HZ, 3-230/400V+/-10% 50HZ
- Permanent split capacitor and automatic thermal overload for single phase version
- Thermal protection to be provided by the user for three phase version

**DW-CE**

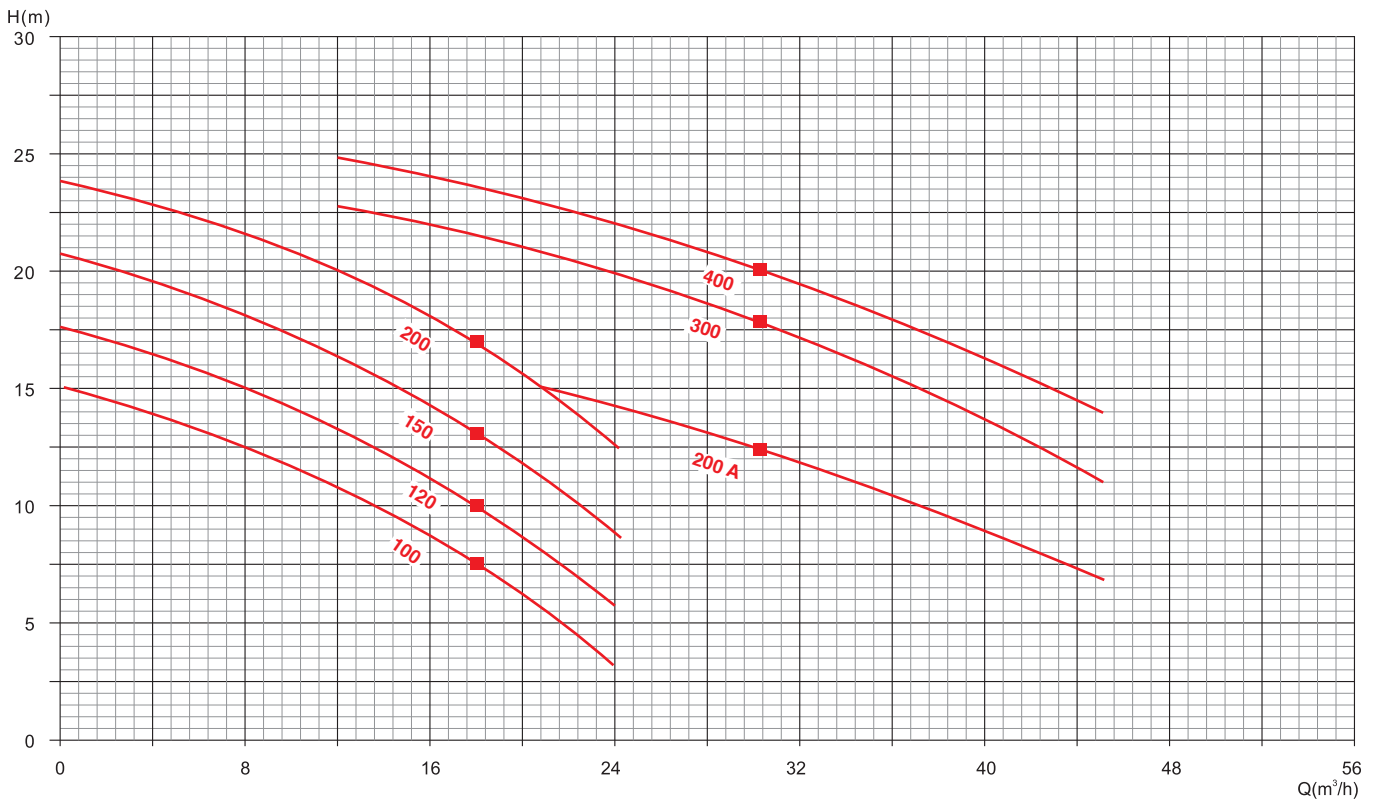
Close-coupled complete pump with special motor.



DIMENSIONS

Model	A	C	CI	F	H	HI	H2	N	N1	N2	S	W	WI	B	DI	DNA	D2	DNM
DW CE 100	74.5	170	20	358	226	108	118	120	160	80	9	84	52	90	Ø52	G 1 1/2*	Ø52	G 1 1/2*
DW CE 120	74.5	170	20	358	226	108	118	120	160	80	9	84	52	90	Ø52	G 1 1/2*	Ø52	G 1 1/2*
DW CE 150	82	193	20	364	253	120	133	140	180	100	9	100	52	74	Ø63	G 2*	Ø63	G 2*
DW CE 200	82	193	20	364	253	120	133	140	180	100	9	100	52	74	Ø63	G 2*	Ø63	G 2*
DW CE 200 A	82	193	20	364	253	120	133	140	180	100	9	100	52	74	Ø63	G 2*	Ø63	G 2*
DW CE 300	82	193	20	390	253	120	133	140	180	100	9	100	52	65	Ø63	G 2*	Ø63	G 2*
DW-CE 400	80	193	20	390	253	120	133	140	180	100	9	100	52	65	Ø63	G 2*	Ø63	G 2*

DW CE performance curve



TECHNICAL DATA

2900rpm

Model		Power		Capacity							
Single phase 220V/50HZ	Three phase 380V/50HZ	KW	HP	m³/h	6	12	18	24	28	36	42
				L/min	100	200	300	400	465	600	700
				Head(m)							
DW-CE 100 M	DW-CE 100	0.75	1.0		13	11	7.5	3.5	/	/	/
DW-CE 120 M	DW-CE 120	0.9	1.2		16	13	10	6	/	/	/
DW-CE 150 M	DW-CE 150	1.1	1.5		19	16.5	13.5	8.5	/	/	/
DW-CE 200 M	DW-CE 200	1.5	2.0		22.5	20	17	12.5	/	/	/
DW-CE 200 A M	DW-CE 200 A	1.5	2.0		/	17	15.5	14	13	10.5	8
DW-CE 300 M	DW-CE 300	2.2	3.0		/	22.5	21.5	20	18.5	15.5	12.5
	DW-CE 400	3.0	4.0		/	25	23.5	22	21	18	15.5











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