



## CONFIGURATION OPTIONS

### Material Options

Pump Head	Fiber reinforced PA6	
Diaphragm	EPDM	FKM
Valves	EPDM	FKM
Motor	BLDC	

### Connector Options

Default PA hose connector/PP hose connector/Stainless steel hose connector  
PC6 push-in quick connector/PC8 push-in quick connector /Rc1/8 inside thread

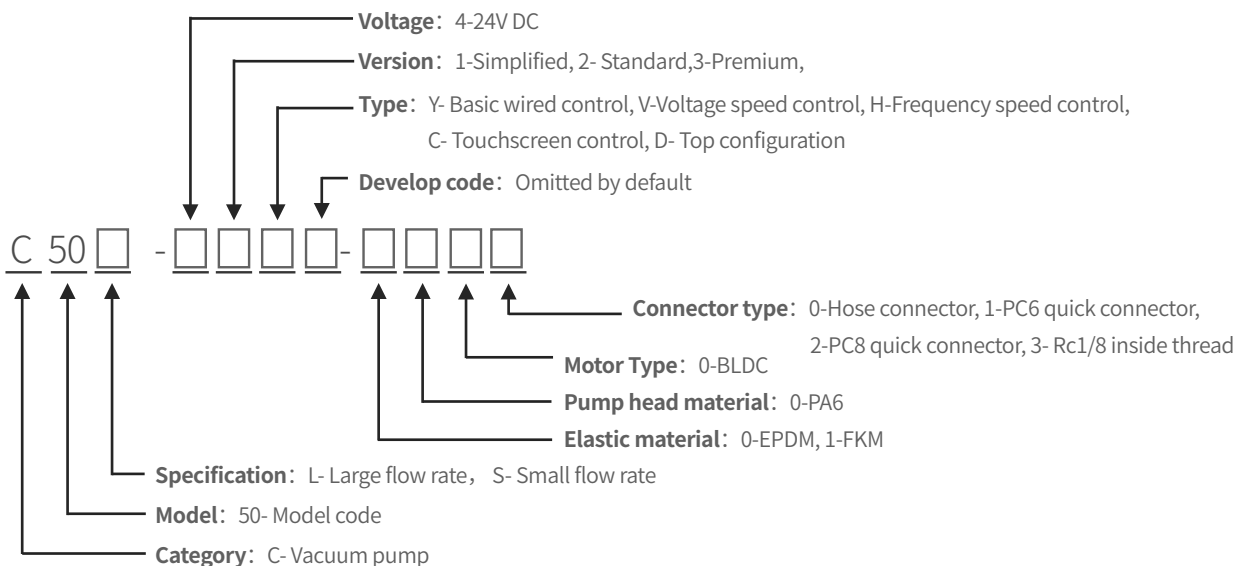
### Function Options

Basic type    Knob speed control    Frequency speed control    Top configuration

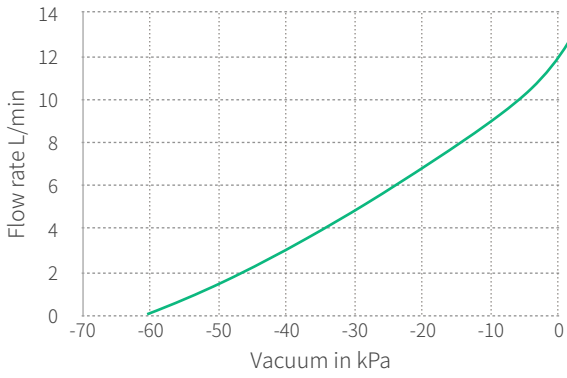
## RELIABILITY DATA

Models Versions	C50S C50L		
	Simplified	Standard	Premium
Fully Loaded Lifetime (hrs)	5000	7500	10000
Unloaded Lifetime (hrs)	8000	12000	15000
Motor Lifetime (hrs)	10000	15000	20000
Test conditions	In a clean and non-corrosive laboratory, the pump is fully loaded (the outlet is blocked, the inlet is directly connected to the atmosphere) or unloaded (the inlet and outlet are directly connected to the atmosphere), and runs continuously around the clock; ambient temperature: 5°C~33 °C, relative humidity: 50%-85%, fluctuates with the climate.		
<b>Working Condition</b>			
Operating temperature	Permissible ambient temperature is 0°C~50°C, it is not suitable to be exposed to the sun, and it should work in a clean and ventilated environment		
Medium	Permissible temperature of the medium is 5°C~50°C, the transferring gas is allowed to be rich in water vapor, but cannot contain solid particles		
Wetted materials	EPDM, FKM as optional; fiber reinforced nylon, tolerance to alcohol, acid, alkali, etc. (except strong acid, concentrated acid, lipids, benzene, gasoline, etc.)		

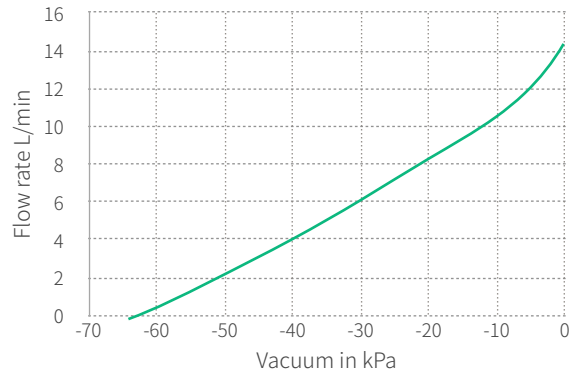
## C50 MODEL KEY



### C50S-24V FLOW CUREVE



### C50L-24V FLOW CUREVE



### C50 BASIC WIRED CONTROL TYPE

Type of Connector	W value
Pipefit Type	148
Internal Thread Type (Metric/Inches)	134
Quick Change Interface $\Phi 6$	149
Quick Change Interface $\Phi 8$	151

Notice: Size of W is related to the pneumatic connectors and its installation dimensions, for reference only, the error may be a few millimeters

### C50 VOLTAGE/FREQUENCY CONTROL TYPE

Type of Connector	W value
Pipefit Type	148
Internal Thread Type (Metric/Inches)	134
Quick Change Interface $\Phi 6$	149
Quick Change Interface $\Phi 8$	151

Notice: Size of W is related to the pneumatic connectors and its installation dimensions, for reference only, the error may be a few millimeters

### C50 TOUCHSCREEN CONTROL TYPE

Type of Connector	W value
Pipefit Type	148
Internal Thread Type (Metric/Inches)	134
Quick Change Interface $\Phi 6$	149
Quick Change Interface $\Phi 8$	151

Notice: Size of W is related to the pneumatic connectors and its installation dimensions, for reference only, the error may be a few millimeters

### C50 TOP CONFIGURATION TYPE

Type of Connector	W value
Pipefit Type	148
Internal Thread Type (Metric/Inches)	134
Quick Change Interface $\Phi 6$	149
Quick Change Interface $\Phi 8$	151

Notice: Size of W is related to the pneumatic connectors and its installation dimensions, for reference only, the error may be a few millimeters

ACCESSORIES		
Descriptions	Illustration	Function
Shock-isolation mounting feet		Reduce the impact of vibration on the equipment during the operation of the pump. This accessory comes with the pump*4
Filter		The 80-mesh filter protect both pumps and other upstream instrumentation and hydraulic circuits against particulate, crystals and fibers . It is recommended to replace it regularly. This accessory comes with the pump*1
Check valve		Enhance the cut-off capability of the gas circuit system to ensure one-way gas flow. This accessory can be purchased on demand
Flow stabilizer		Eliminate and reduce pulsation, make gas output smooth and stable, this accessory can be purchased on demand
Manul control valve		It can be used to manually adjust the gas flow rate, pressure and vacuum. This accessory can be purchased on demand
Power Adapter		220V AC to DC switching power supply, this accessory can be purchased on demand
Silencer		It is used to eliminate and reduce the airflow noise caused by pumping operation, this accessory can be purchased on demand



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