

1. INSPECTION

1.1 Technology Features

●Input & Output

- ◆ Input Voltage Range: 220/380V±15%
- ◆ Input Frequency Range: 47~63Hz
- ◆ Output Voltage Range: 0~rated input voltage
- ◆ Output Frequency Range: 0~50/60Hz

●I/O Features

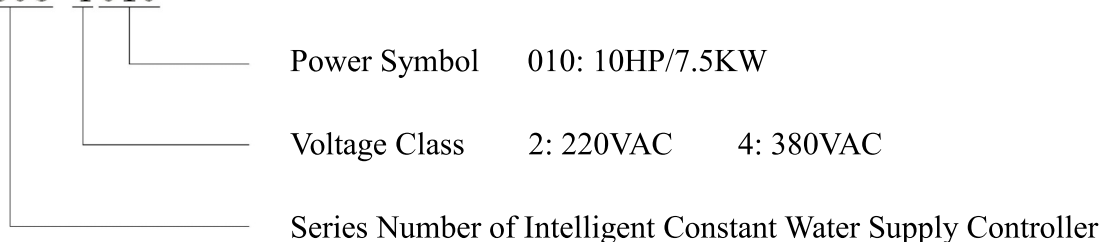
- ◆ Digital Switch Input: 3 input
- ◆ Analog Signal Input: AI1:0~10V or 0~20mA input; AI2: 0~10V or 0~20mA input
- ◆ Relay Output: A pair of switch Output

●Function Characteristics

- ◆ Multi-Pump Control: Can realize 1 master and Max.5 auxiliaries combine work
- ◆ Sleep Function: Sleep down when have no water consumption, to earn a better energy saving
- ◆ Freeze-Proofing Function: Suitable to low temperature area, prevent pump from freezing
- ◆ Anti-clogging Function: take precaution against pipe clogging and clean the pipe dirt
- ◆ Power On Restart: Running automatically when power on
- ◆ Master Fault Shift Automatically: keep on working when the master break down
- ◆ Alternate Running: balance every pump's running time, prolong service life of the whole unit machine
- ◆ Day-Part Function : 3 independent day-part control, up to 7 day-part achieved when define separated
- ◆ Two Running Mode: synchronous control mode, master-slave control mode
- ◆ Terminal Control Mode: Terminal Run/Stop、 Manual/Auto Control、 Electronic Contact Gauge Control
- ◆ Various of water supply Fault Alarm Function: High-Pressure, Low-Pressure, Low-Level, Transducer Error etc.
- ◆ As many as 22 kinds of fault protection function: Over-Current, Over-Voltage, Low-Voltage, Phase-Failure, Over-Load etc.

1.2 Description of Name Plate

B603-4010



1.3 Selection Guide

Table1-3-1 B603 List

Model No.	Rated Input Voltage (V)	Rated Input Current (A)	Rated Output Current (A)	Motor Power (KW)	
B603-2001	1AC: 220V -15%~+15%	8.2	4.5	0.75	
B603-2002		14.2	7.0	1.5	
B603-2003		23.0	10	2.2	
B603-2001	3AC: 220V -15%~+15%	5.0	4.5	0.75	
B603-2002		7.7	7.0	1.5	
B603-2003		11.0	10.0	2.2	
B603-2005		17.0	16.0	3.7	
B603-2007		21.0	20.0	5.5	
B603-2010		31.0	30.0	7.5	
B603-2015		43.0	42.0	11	
B603-2020		56.0	55.0	15	
B603-2025		71.0	70.0	18.5	
B603-2030		81.0	80.0	22	
B603-2040		112.0	110.0	30	
B603-2050		132.0	130.0	37	
B603-2060		163.0	160.0	45	
B603-2075		200.0	200.0	55	
B603-4001		3AC: 380V -15%~+15%	3.4	2.5	0.75
B603-4002			5.0	3.7	1.5
B603-4003	5.8		5.0	2.2	
B603-4005	10.0		9.0	4	
B603-4007	15.0		13.0	5.5	
B603-4010	20.0		17.0	7.5	
B603-4015	26.0		25.0	11	
B603-4020	35.0		32.0	15	
B603-4025	38.0		37.0	18.5	
B603-4030	46.0		45.0	22	
B603-4040	62.0		60.0	30	
B603-4050	76.0		75.0	37	
B603-4060	90.0		90.0	45	
B603-4075	105.0		110	55	
B603-4100	140		150	75	
B603-4120	160		176	90	
B603-4150	210		210	110	
B603-4180	240		250	132	
B603-4215	290		300	160	
B603-4250	330		340	185	
B603-4270	370	380	200		
B603-4300	410	415	220		
B603-4340	460	470	250		
B603-4380	500	520	280		

Model No.	Rated Input Voltage (V)	Rated Input Current (A)	Rated Output Current (A)	Motor Power (KW)
B603-4430		580	600	315
B603-4470		620	640	350

1.4 Check the following point

- a) Inspect the nameplate and ensure it meets the order type and specification;
 - b) Inspect the entire exterior of the controller to ensure there are no scratches or other damage caused by the transportation;
 - c) Ensure the guarantee odd number matches the controller.
- If you have found any problem mentioned above, please contact the supplier.

2. EXTERNAL DIMENSION

2.1 The Dimension of B603

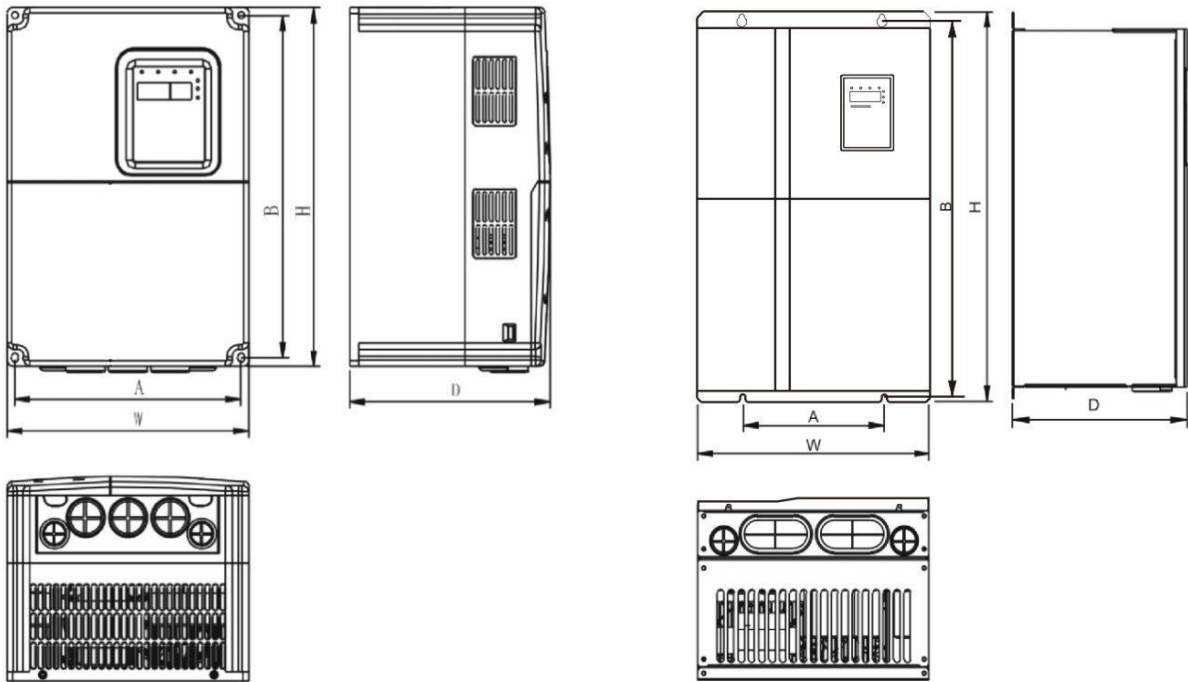


Figure2-1-1 Dimension (0.75~18.5KW)

Figure 2-1-2 Dimension (22~132KW)

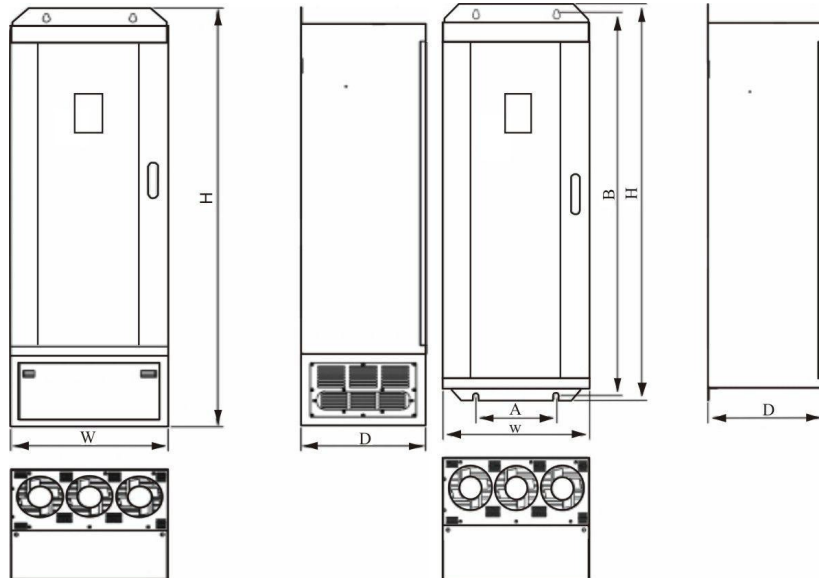


Figure 2-1-3 Dimension (160~350KW)