

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

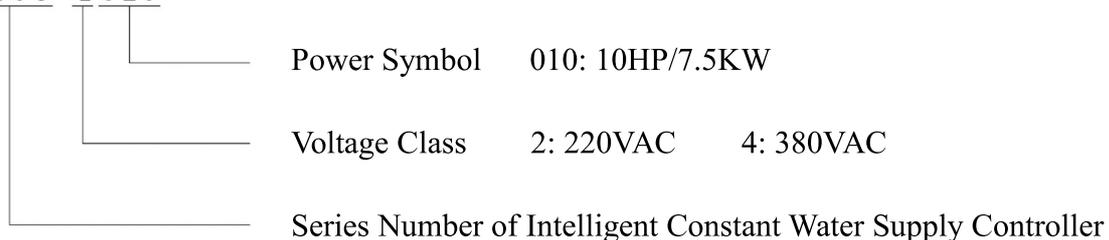
- ◆ Digital Switch Input: 3 input
- ◆ Analog Signal Input: AI1:0~10V or 0~20mA input; AI2: 0~10V or 0~20mA input
- ◆ Relay Output: A pair of switch Output

●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

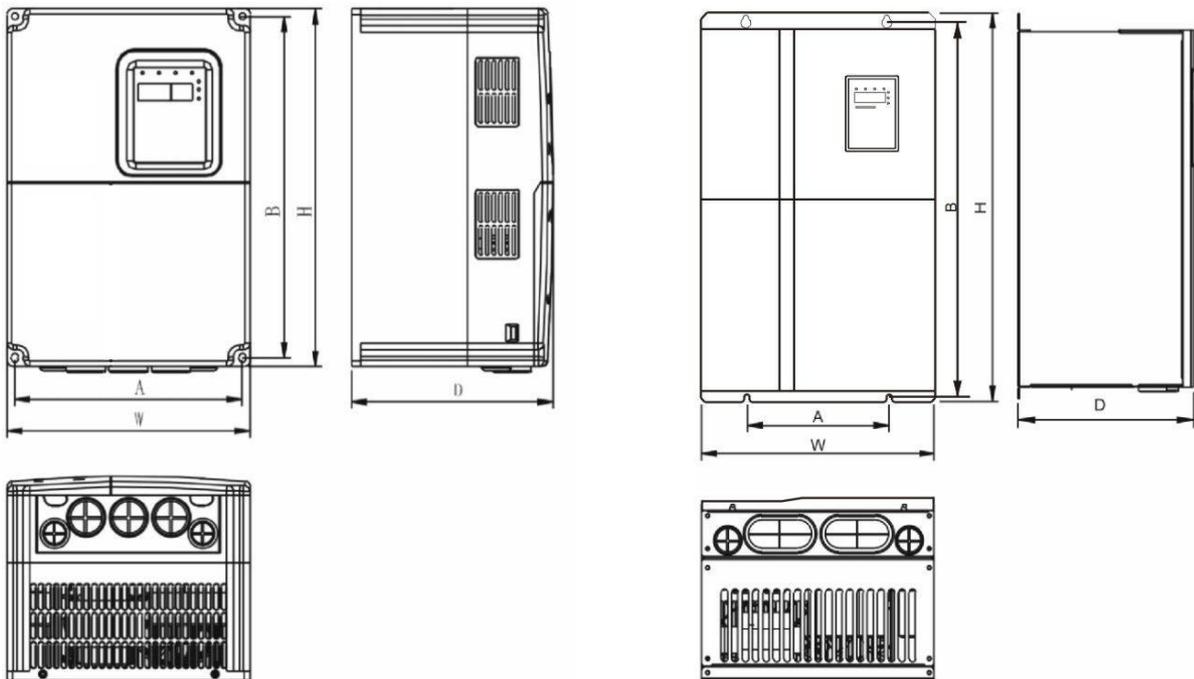


Figure2-1-1 Dimension (0.75~18.5KW)

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

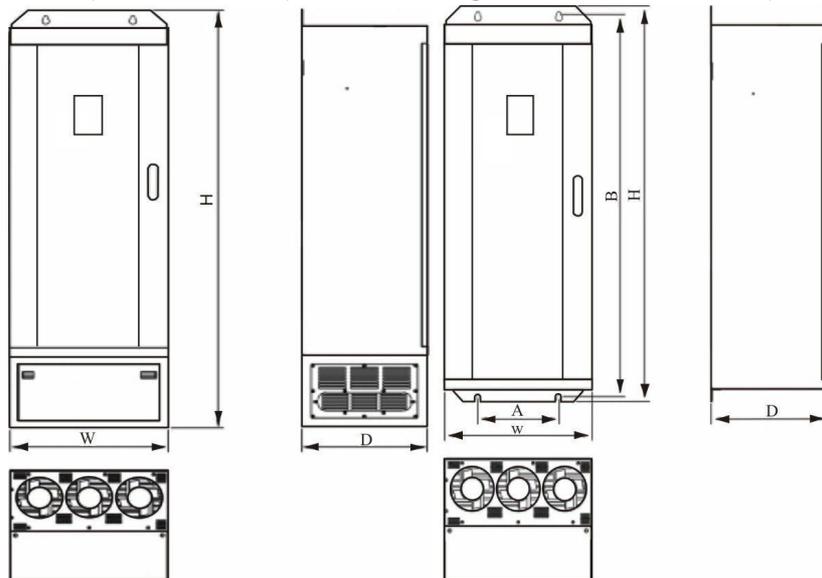


Figure 2-1-3 Dimension (160~350KW)