



- Technical requirement:**
1. Rated Head:
  2. Drain pump : 1 meter water flow rate:  $\geq 20L/min$  ;
  3. Testing parts: use pump lid with  $\geq \phi 20$  inlet smooth wall drain pipe to test;
- Testing method drawing:**
1. Waterproof testing: The pump shall be no water leakage in 0.03MPa water pressure.
  2. Insulation resistance: The insulation resistance shall be  $> 50M\Omega$  at room temperature.
  3. Insulation class: F ;
  4. Winding temperature: The winding temperature shall be  $\leq 90K$  when the pump is supplied at the 106 rated voltage, water temperature  $25\pm 5^\circ$  and cycled 3.0 hours ON;
  5. Rotate speed: 3000rpm (50Hz);
  6. Low voltage starting: The pump shall start normally with water temperature  $25\pm 5^\circ$  when 0.85 rated voltage in less than 5 seconds;
  7. Electric strength: The pump shall be no surface electrical discharges or perforations by applying a voltage 1800V for 1 second between the terminal and silicone steel stack.
  8. Materials comply with ROHS requirements