



- Technical requirement:**
1. Rated Head:
 - Drain pump : 1 meter water flow rate $\geq 17L/min$;
 - Testing parts: use pump lid with $\geq \phi 20$ inlet smooth wall drain pipe to test.
- Testing method drawing:**
2. Waterproof testing: The pump shall be no water leakage in 0.03MPa water pressure;
 3. Insulation resistance: The insulation resistance shall be $> 50M\Omega$ at room temperature.
 4. Insulation class: F ;
 5. Winding temperature: The winding temperature shall be $\leq 115K$ when the pump is supplied at the 1.06 rated voltage, water temperature $25\pm 5^\circ C$ and cycled 3.0 hours ON;
 6. Rotate speed: 3000rpm (50Hz);
 7. Low voltage starting: The pump shall start normally with water temperature $25\pm 5^\circ C$ when 0.85 rated voltage in less than 5 seconds;
 8. 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.