



Technical requirement:

1. Rated Head:
Drain pump : 1 meter water flow rate $\geq 20L/min$;
- Testing parts: use pump lid with $\geq \Phi 20$ inlet smooth wall drain pipe to test.
- Testing method drawing:
2. Waterproof testings: 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 106 rated voltage, water temperature $25 \pm 5^\circ C$ and cycled is 15min ON/30min OFF.
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.
9. Materials comply with ROHS requirements