

Phase Rotation

Important Information

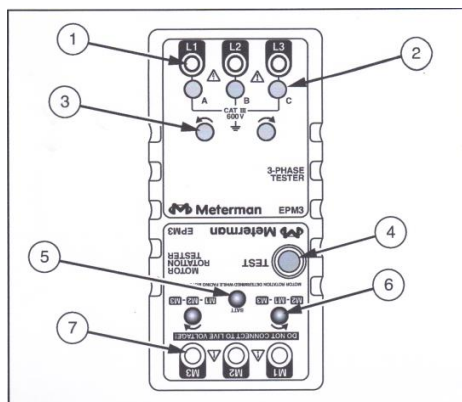
- 1) All Kestner Vertical Pump impellers must run **Anti-clockwise**, when looking up into the suction port, as shown in figure below (when looking at the top of the motor, the motor fan will run clockwise).



Clockwise when viewed from above
(fan end)

Anti-clockwise when viewed from below
(impeller end)

- 2) The default electric motor fitted to Kestner pumps is of ABB manufacture.
- 3) ALL ABB electric motors are wired such that, when a supply cable with a clockwise phase rotation, is connected to motor terminals U1; V1; and W1, the motor will run clockwise (looking at the motor shaft) and if connected to an anti-clockwise phase rotation, it will run anti-clockwise (again, looking at the motor shaft) see fig. above.
- 4) To ensure that the electric motor shaft and impeller runs ANTI-CLOCKWISE, the following steps, using a METERMAN/AMPROBE phase sequence and motor rotation tester, be carefully followed. Shown below.



1. Phase rotation input terminals
2. Open phase indicators
3. Phase rotation indicators
4. Motor testing power switch
5. Motor testing power indicator
6. Motor rotation indicators
7. Motor rotation input terminals