

## **T009 – Milk Pump Motor Wiring**

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The Milking Solutions milk pump is driven by a 0.75kW WEG-branded motor. This is available for single and three phase supplies and can be wired to suit left-hand or right-hand pumps. ***These instructions are supplementary i.e. the motor manufactures directions override this technical note and should be followed at all times!***

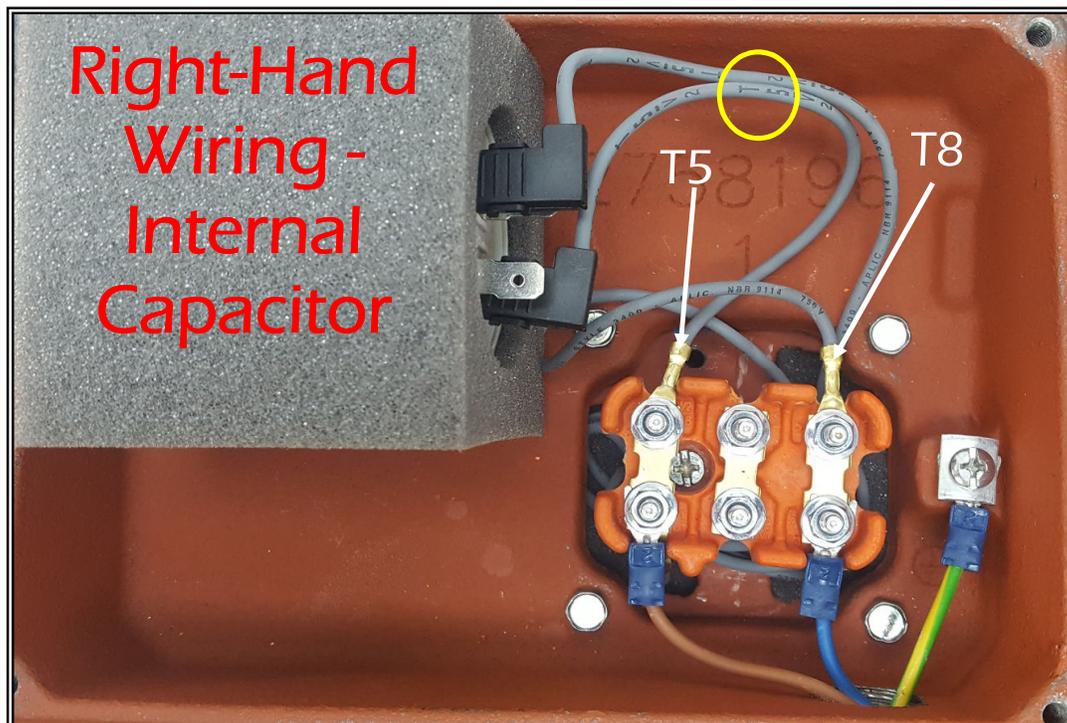
Firstly, make sure you are familiar with which motor you have, your electricity supply type and which rotation direction is correct for your pump. Also confirm these instructions correspond to those on the name plate attached to the motor. After a wiring change, confirm the rotation is correct with a brief application of power (less than 5 seconds).

*Note; other variations of motor wiring exist than those given below, always follow manufactures instruction on name plate attached to motor.*

### **Single Phase (220-240V)**

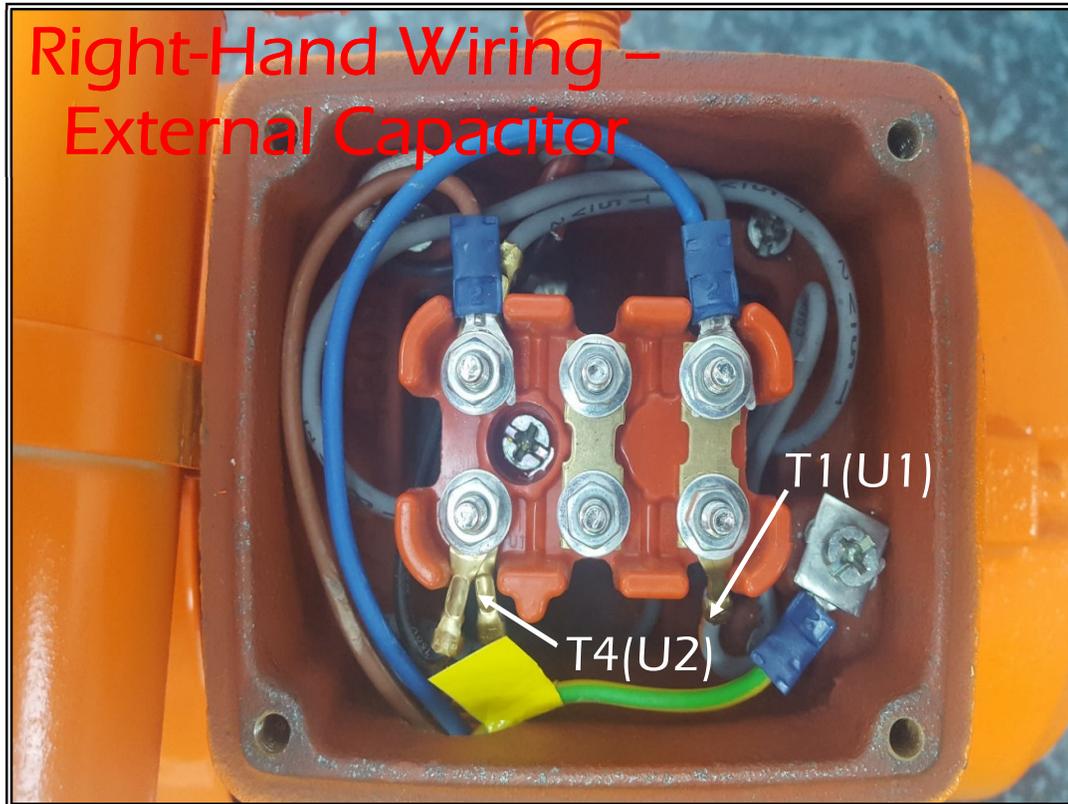
These motors are generally painted orange, so care should be taken not to chip the paint layer. They are supplied new as right-hand (turning anti-clockwise) and require a wiring change to reverse direction.

*Internal Capacitor Type* - Recent motors are supplied with the capacitor housed within the terminal enclosure, sometimes within a foam cushion. To reverse the rotation, identify and swap the T5 and T8 wires.



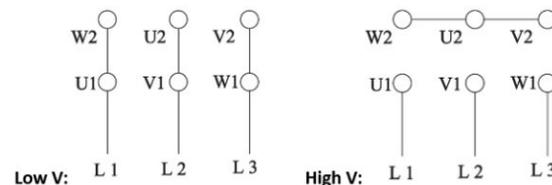


*External Capacitor Type* – Older motors have a capacitor secured to the outside of the connection box. To reverse rotation, identify and swap T1(U1) and T4(U2).



### Three Phase (220-240/380-415/440-460V)

These motors are supplied in blue and should be set according to your high or low voltage supply. These are supplied as right-hand (turning anti-clockwise) and require a swap of the positive phases L1 & L2 to reverse rotation.



- Check rotation matches arrow sticker (Do not run dry for more than 5 sec)
- To reverse rotation change L1 with L2
- Vérifier que la rotation corresponde à la flèche de l'autocollant (Ne pas tourner à sec pendant plus de 5 secondes)
- Pour inverser la rotation, changer L1 avec L2
- Prüfen Dreh einstimmt Pfeil Aufkleber (Nehmen Sie für mehr als 5 Sekunden trocken laufen nicht)
- Um die Rotation Umkehren, tauschen L1 mit L2
- Controleer of de draairichting overeenkomt met de pijl op de sticker (Gebruik niet droog lopen voor meer dan 5 seconden)
- Om de rotatie te keren, het veranderen van L1 met L2
- Compruebe que la rotación corresponda con la flecha en la etiqueta (No haga funcionar en seco durante más de 5 segundos)
- Para invertir la rotación, cambiar L1 con L2