



## Single Phase Start-Up and Check List

Troubleshooting a single-phase pump is easier if there has been data recorded at start-up. This is useful to see if there have been any changes to the pump, start components or supply voltage. It is also important at start-up to verify that the ampere-draw and supply voltages are within tolerance. Please refer to the HOMA Product Binder for specific pump data. You will find the Full Load Amp value listed in the Pump Data Sheets and the proper start components listed in the Capacitor Reference Chart.

Log in all data at commissioning in the Start-Up Check List. If troubleshooting is necessary at a later date, complete the same readings in the section below, Troubleshooting Check List.

Please refer to the Single Phase Pump Start-Up Procedure, **Publication 88LM2015A** to assure proper capacitor selection. This affects amp draw on each power lead and should be verified for all single phase applications.

### Start-Up Check List

|                                 |                |            |                  |  |
|---------------------------------|----------------|------------|------------------|--|
| Name Tag Voltage _____ v        | All Pumps Off  |            | All Pumps On     |  |
| Actual Supply Voltage           | _____ v        |            | _____ v          |  |
| Capacitor Values                | Run / _____ uf |            | Start / _____ uf |  |
| Capacitor Voltage Rating        |                |            |                  |  |
| Actual Capacitor Voltage        | Run / _____ v  |            | Start / _____ v  |  |
| Full Load Amp Rating<br>_____ A |                |            |                  |  |
| Actual Amp Readings             | U1 _____ A     | U2 _____ A | Z2 _____ A       |  |

### Troubleshooting Check List

|                                 |                |            |                  |  |
|---------------------------------|----------------|------------|------------------|--|
| Name Tag Voltage _____ v        | All Pumps Off  |            | All Pumps On     |  |
| Actual Supply Voltage           | _____ v        |            | _____ v          |  |
| Capacitor Values                | Run / _____ uf |            | Start / _____ uf |  |
| Capacitor Voltage Rating        |                |            |                  |  |
| Actual Capacitor Voltage        | Run / _____ v  |            | Start / _____ v  |  |
| Full Load Amp Rating<br>_____ A |                |            |                  |  |
| Actual Amp Readings             | U1 _____ A     | U2 _____ A | Z2 _____ A       |  |