

## WEG Variable Frequency Drive - CFW09

CFW-090086TGZ



|                                   |  |
|-----------------------------------|--|
| <b>Motor Volts:</b>               | 460V   |
| <b>Input Power Supply:</b>        | 3-Phase 460V   |
| <b>Motor CT HP:</b>               | 60   |
| <b>Motor VT HP:</b>               | 75   |
| <b>CT Amps:</b>                   | 86   |
| <b>VT Amps:</b>                   | 105  |
| <b>Braking Transistor:</b>        | NO USE CFW-09XXXTGDBZ BELOW  |
| <b>Enclosure:</b>                 | NEMA 1   |
| <b>V/Hz Control:</b>              | V/Hz or Sensorless Vector Control via parameter  |
| <b>Input Voltage:</b>             | 200-240V or 380-480V input voltage.<br>Single or Three-phase input voltage up to 3HP/230V .  |
| <b>Current Overload Capacity:</b> | 150%   |
| <b>PWM Output:</b>                | 32 bit RISC microprocessor controlled PWM output   |
| <b>Switching Frequency:</b>       | 1.25 / 2.5 / 5 / 10 kHz adjustable switching frequency   |
| <b>Inputs:</b>                    | 6 isolated programmable digital inputs. 2 isolated programmable analog inputs.   |
| <b>Outputs:</b>                   | 3 programmable relay outputs (250Vac / 1A). 2 programmable analog outputs.   |
| <b>Protective Features:</b>       | Over current, motor overload, drive over temperature, output phase to-phase and phase-to-ground short circuit, DCbus over and under voltage, power supply under voltage and phase loss and external fault.   |
| <b>Control Features:</b>          | Linear and "S" amp acceleration and deceleration, local/remote control, DC braking, torque boost, motor slip compensation, electronic pot, preset speeds, adjustable V/Hz profile, maximum and minimum adjustable motor speed limits, three skip frequencies, adjustable output current limit, JOG, ride-thru, flying start and PID regulator. |
| <b>Display Readings:</b>          | Motor speed, frequency, voltage, current and torque, output power (kW), last four faults, drive status, digital and analog I/O status, hours powered and hours running.  |
| <b>Ambient Temperature:</b>       | 40 °C  |
| <b>Altitude:</b>                  | 3300 ft (1000 m)   |
| <b>Humidity:</b>                  | 60% humidity, non-condensing   |
| <b>Self Tuning:</b>               | Self Tuning to motor parameters  |
| <b>DC Bus Connections:</b>        | DC bus connections accessible  |
| <b>Smart Keypad:</b>              | Detachable Smart Keypad with dual display and Copy Function  |
| <b>Certifications:</b>            | CE or UL for US and Canada   |
| <b>Notes:</b>                     | HP rating based on average FLA values; use as a guide only. Motor FLA may vary with speed and manufacturer. Always compare motor FLA to Nominal amps of drive 2)   |
| <b>Dimensions (inches):</b>       | 26.6 x 13.2 x 11.8   |
| <b>Approx. Shipping Weight:</b>   | 135 lbs  |
| <b>Applications:</b>              | Pumps, Fans / Blowers, Conveyors, Compressors, Agitators and Mixers, Extruders, Grizzly Feeders, Centrifuges, Cranes and Hoists, Rollout Tables, Presses, Saws.  |

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