

## WEG Variable Frequency Drive - CFW09

CFW-090086TDZ



<b>Motor Volts:</b>	230V
<b>Input Power Supply:</b>	3-Phase 230V
<b>Motor CT HP:</b>	30
<b>Motor VT HP:</b>	40
<b>CT Amps:</b>	86
<b>VT Amps:</b>	105
<b>Braking Transistor:</b>	NO use CFW-09 0XXXTDDB 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. 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>	21.6 x 13.2 x 10.8
<b>Approx. Shipping Weight:</b>	101 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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