

WEG Variable Frequency Drive - CFW09

CFW-090142TDZ



Motor Volts:	230V
Input Power Supply:	3-Phase 230V
Motor CT HP:	50
Motor VT HP:	60
CT Amps:	142
VT Amps:	174
Braking Transistor:	Yes
Enclosure:	NEMA 1
V/Hz Control:	V/Hz or Sensorless Vector Control via parameter
Input Voltage:	200-240V or 380-480V input voltage. Single or Three-phase input voltage up to 3HP/230V .
Current Overload Capacity:	150%
PWM Output:	32 bit RISC microprocessor controlled PWM output
Switching Frequency:	1.25 / 2.5 / 5 / 10 kHz adjustable switching frequency
Inputs:	6 isolated programmable digital inputs. 2 isolated programmable analog inputs.
Outputs:	3 programmable relay outputs (250Vac / 1A). 2 programmable analog outputs.
Protective Features:	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.
Control Features:	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.
Display Readings:	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.
Ambient Temperature:	40 °C
Altitude:	3300 ft (1000 m)
Humidity:	60% humidity, non-condensing
Self Tuning:	Self Tuning to motor parameters
DC Bus Connections:	DC bus connections accessible
Smart Keypad:	Detachable Smart Keypad with dual display and Copy Function
Certifications:	CE or UL for US and Canada
Notes:	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)
Dimensions (inches):	32.9 x 13.2 x 11.8
Approx. Shipping Weight:	172 lbs
Applications:	Pumps, Fans / Blowers, Conveyors, Compressors, Agitators and Mixers, Extruders, Grizzly Feeders, Centrifuges, Cranes and Hoists, Rollout Tables, Presses, Saws.

WEG Variable Frequency Drive - CFW09

