# CM-FW18

**DIESEL GENERATOR SET / OPEN + SILENT**

OPEN SET

SILENT SET

| 18 kVA | 16.5 kVA | 50/60 Hz | 400/230 V |
|---|---|---|---|
| STANDBY POWER | PRIME POWER | FREQUENCY | VOLTAGE |

## FG Wilson 404D-22G1

3 phase · 0.8 PF · 1500 / 1800 rpm

| Configuration | Typical application |
|---|---|
| Open (skid-mounted) | **Plant rooms, container frames, OEM builds** |
| Silent (acoustic canopy) | **Approx. 75 dB(A) at 7 m, weatherproof** |
| Containerised | **ISO footprint, walk-in or standard, up to 45 ft** |

Enclosure dimensions, weights and tank size are issued with the quotation.

# GENERAL CHARACTERISTICS

**CM-FW18 · 50 / 60 Hz · 3 Phase**

## RATED PERFORMANCE

| | |
|---|---|
| Standby Power (kVA) | **18** |
| Standby Power (kW) | **14.4** |
| Prime Power (kVA) | **16.5** |
| Prime Power (kW) | **13.2** |
| Power Factor (Cos Phi) | **0.8** |
| Diesel Engine | **404D-22G1** |
| Frequency (Hz) | **50/60** |
| Rated Speed (rpm) | **1500 / 1800** |
| Phase | **3** |
| Standard Voltage (V) | **400/230** |

## POWER DEFINITIONS

### STANDBY POWER (ESP)

Available for supplying emergency power during a utility interruption. The stated rating follows ISO 8528-1; overload is not permitted.

### PRIME POWER (PRP)

Available for an unlimited number of annual operating hours in variable-load applications, in accordance with ISO 8528-1.

### TERMS OF USE

Nominal power is stated at 25 °C inlet-air temperature, 100 kPa barometric pressure (100 m A.S.L.) and 30% relative humidity.

## RATED OUTPUT CURRENT BY VOLTAGE

| Rated voltage | Standby current (18 kVA) | Prime current (16.5 kVA) |
|---|---|---|
| 400/230 V | **26.0 A** | **23.8 A** |
| 380/220 V | **27.3 A** | **25.1 A** |
| 415/240 V | **25.0 A** | **23.0 A** |