



XP-K16H-ALIZE

PORTABLE POWER

GENERATING SET Range INDUSTRIAL

PRODUCT ADVANTAGES

KOHLER water-cooled industrial engine
Entire group guaranteed 2 years
complete control panel
Low noise level
Large Autonomy

Range INDUSTRIAL

Leading edge technology, designed for regular, intensive use, that is powerful and quiet.



XP-K16H-ALIZE

GENERAL SPECIFICATIONS

| | |
|--|------------|
| Range | INDUSTRIAL |
| Frequency (Hz) | 50 Hz |
| Voltage (V) | 400/230 |
| Standard Control Panel | APM303 |
| Tank (L) | 50 |
| Sound power level guaranteed LwA dB(A) | 95 |
| Acoustic pressure level @1m in dB(A) | 79 |
| Acoustic pressure level @7m in dB(A) | 66 |

POWER

| | |
|---------------|---------|
| Voltage (V) | 400/230 |
| ESP kWe * | 13 |
| kVA * | 16 |
| PRP | 0 |
| kWe * | 0 |
| Intensity (A) | 23 |

ENGINE SPECIFICATIONS

| | |
|---|------------|
| Engine brand | KOHLER KDI |
| Engine ref. | KDW1003-H |
| Air inlet system | Atmo |
| Cylinder configuration | L |
| Number of cylinders | 3 |
| Displacement (l) | 1,03 |
| Bore (mm) | 75 |
| Stroke (mm) | 77,6 |
| Compression ratio | 22,8 : 1 |
| Speed 50Hz (RPM) | 3000 |
| Pistons speed (m/s) | 7,76 |
| Maximum stand-by power at rated RPM (kW) | 16,5 |
| Frequency regulation, steady state (%) | +/- 2.5% |
| Governor type | Mechanical |
| Fuel consumption @ 75% of PRP Power (l/h) | 3,6 |
| Oil system capacity including filters (l) | 2,4 |
| Oil consumption 100% ESP 50Hz (l/h) | 0,08 |

ALTERNATOR SPECIFICATION

| | |
|--|----------|
| Alternator commercial brand | KOHLER |
| Kohler Alternator description | KH00321T |
| Voltage regulation at established rating (+/- %) | |

PLUGS AND PANEL DESCRIPTIVE

1 230V 10/16A socket - circuit breaker + 1 230V 16A socket - circuit breaker + 1 400V 32A socket - circuit breaker + Residual Current Device 30 mA + APM303

DIMENSIONS AND WEIGHT

| | |
|-----------------|------|
| Length (cm) | 175 |
| Width (cm) | 77,5 |
| Height (cm) | 123 |
| Dry Weight (kg) | 480 |

ACCESSORIES SUPPLIED

User and maintenance manual

OPTIONS

- CA308** Remote control with separated case with start up/stop button, start up indicator and generating set defect - delivered without cable
- VERSO-T** Automatic start up on lack of power (included engine preheating, battery charger, normal/back up reverser)
- RMS** Commissioning : compliance checks of the instalation, level controles, starting, no-load and load test, Instruction of the customer on the maintenance of the genset
- RAP** RAP - industrial adapter for connecting a 230V device to an industrial socket
- RBH1** Box of 24 o.5L cans of oil or 20 1 L cans of oil (SAE 15W40)
- RBH0-5** Box of 24 0.5L cans of oil or 20 1 L cans of oil (SAE 15W40)
- RPM** Male plugs for all models made up of : 2 x 16 A/230 V, EEC17: 1 x 16A/230 V, 1 x 32A/230 V and 1 x 16A/400V
- RPQ** For earthing your generator set. Galvanised 1 m long spike, supplied with 2 m of 10 mm² cable