

KOHLER®

SDMO®



XP-K16H-ALIZE

PORTABLE POWER

Generating Sets Range INDUSTRIAL

PRODUCT ADVANTAGES

- KOHLER water-cooled industrial engine
- Entire group guaranteed 3 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)	ESP		PRP		Intensity (A)
	kWe *	kVA *	kWe *	kVA *	
400/230	12,80	16	0	0	23

ENGINE SPECIFICATIONS

Engine brand	KOHLER KDI
Engine ref.	KDW1003-H
Air inlet system	Athmo
Cylinders configuration	L
Number of cylinders	3
Displacement (L)	1,03
Bore (mm)	75
Stroke (mm)	77,60
Compression ratio	22,8 : 1
Speed (RPM)	3000
Pistons speed (m/s)	7,76
Maximum stand-by power at rated RPM (kW)	16,50
Frequency regulation, steady state (%)	+/- 2.5%
Governor type	Mechanical
Consumption @ 75% PRP load (L/h) *	3,60
Oil system capacity including filters (L)	2,40
Oil consumption 100% ESP 50Hz (L/h)	0,08

ALTERNATOR SPECIFICATIONS

Alternator commercial brand	KOHLER
Alternator ref.	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 16A socket - circuit breaker + Residual Current Device 30 mA + APM202

DIMENSIONS AND WEIGHT

Length (cm)	175
Width (cm)	77,50
Height (cm)	123
Dry Weight (kg)	480

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ACCESSORIES SUPPLIED



User and maintenance manual

OPTIONS



CA308	ERR:not found in dict valeurs
VERSO-T	Automatic start up on lack of power (included engine preheating, battery charger, normal/back up reverser)
RMS	Commisioning : compliance checks of the instalation, level controles, starting, no-load and load test, Instruction of the customer on the maintenance of the genset.
Adaptor for industrial sockets	ERR:not found in dict valeurs
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 mm ² cable.