

OIS Olympian 22 Kva Sound Proof Generator



- Chalwyn valve, sparks arrestors and emergency shut off
- Skid mounted for transport and fastening
- GW 1200 kg



SubSea Solution

www.ois-group.com

SPECIFICATIONS



ALTERNATOR

Make..... Olympian
 Model..... LL1014N
 Type..... Self-excited, brushless
 Voltage regulation..... ±0.5% at steady state from
 from no load to full load
 Frequency..... ±0.8% for constant load from
 no load to full load
 Waveform distortion..... THD <4%
 Radio interference..... Compliance with BS800 and
 VDE Class G&N
 Telephone Interference..... TIF <50, THF <2%
 Overspeed limit..... 2250 rpm
 Insulation..... Class H
 Temperature rise..... Within Class H limits
 Deration..... Consult factory for available outputs



ENGINE

Manufacturer..... Perkins
 Model..... 404C-22G2
 Type..... 4-Cycle
 Aspiration..... Naturally aspirated
 Cylinder configuration..... In-line 3
 Displacement – L (cu in)..... 2.22 (135)
 Bore/stroke – mm (in)..... 84/100 (3.3/3.9)
 Compression ratio..... 23.3:1
 Engine speed – rpm
 50 Hz..... 1500
 60 Hz..... 1800

Piston speed – m/sec (ft/sec)
 50 Hz..... 5.0 (16.4)
 60 Hz..... 6.0 (19.7)
 Maximum power at rated rpm – kW (hp)
 Standby
 50 Hz..... 20.6 (27.6)
 60 Hz..... 24.3 (32.6)
 Prime
 50 Hz..... 18.7 (25.1)
 60 Hz..... 22.0 (29.5)
 BMEP – kPa (psi)
 Standby
 50 Hz..... TBA
 60 Hz..... TBA
 Prime
 50 Hz..... 669 (97.0)
 60 Hz..... 658 (95.4)
 Regenerative power – kW (hp)
 50 Hz..... T B A
 60 Hz..... T B A
 Motor starting capability – kW (hp)
 50 Hz..... T B A
 60 Hz..... T B A
 Governor
 Type..... Mechanical
 Class..... ISO 8528 G2

GEP22-2 (3-Phase)

Generating Set Technical Data		50 Hz		60 Hz	
		Standby	Prime	Standby	Prime
Package Performance Power rating	kVA (kW)	22.0 (17.6)	20.0 (16.0)	25.0 (20.0)	22.5 (18.0)
Lubricating System Type: Oil Oil filter: Spin-on, full flow Oil cooler: Coolant Oil type required: API CH-4/ACEA E5 Total lube system capacity Oil pan capacity	L (U.S. Gal) L (U.S. Gal)	10.6 (2.8) 8.9 (2.35)		10.6 (2.8) 8.9 (2.35)	
Fuel System Fuel Tank Capacity Generating set fuel consumption** 100% load 75% load 50% load	L (U.S. Gal) L/hr (U.S. g/hr) L/hr (U.S. g/hr) L/hr (U.S. g/hr)	45 (11.9) 6.1 (1.6) 4.3 (1.1) 3.1 (0.8)	5.4 (1.4) 3.9 (1.0) 2.9 (0.8)	6.9 (1.8) 5.0 (1.3) 3.6 (1.0)	6.1 (1.6) 4.6 (1.3) 3.4 (0.9)

ois-gabon@ois-group.com

ois-congo@ois-group.com

