

Diesel Generator Set-Basic Parameters

Model: HNSC100DC
Rated power: 125(KVA)
Standby power: 140(KVA)
Output current: 180 (A)
Weight: 1150 (KG)
Open type size: 2150*780*1150(mm)
Output voltage: 400/230 (V)

Diesel Engine-Basic Parameters

Model: SC4H165.15CF2
Rated power: 151(KVA)
Standby power: 166(KVA)
Emission standard: T2
Ship inspection: CCS/IMOⅡ
Manufacturer: SDEC
Bore: 105 (mm)
Stroke: 124 (mm)
Speed control mode: electronic speed control
Displacement: 4.3 (L)
Number of cylinders: 4
Fuel consumption rate: 192g/kW.h
Oil consumption rate: 0.3g/kW.h
Type: 4-stroke, water-cooled, in-line, wet cylinder liner
Fuel system: electronically controlled/common rail
Speed: 1500 (RPM)
Firing order: 1-5-3-6-2-4
Flywheel housing: SAE3
Flywheel: 11.5
Fuel specification and grade: China 0# (light diesel oil)
Noise: ≤102dB(A)
Crankshaft rotation direction: counterclockwise
Starting method: electric start
Diesel engine overhaul period: 20000h

Motors - Basic Parameters

Model: TFXW252D4P00-H
Rated power: 125 (KVA)
Brand: LANZHOUDIANJI (standard)
Motor type: brushless three-phase AC synchronous generator
Voltage Regulation: AVR (Automatic Voltage Regulation)
Temperature rise: H°C
Overcurrent: 3 ~ 5Ie≥5S
Overload capacity: 3 ~ 5Ie≥5S
Short-circuit current: 3 times 2 seconds
Short-circuit capability: 3 times 2 seconds
Power factor: 0.8
Insulation/protection grade: H class/IP23
Wiring: three-phase four-wire, Y-type connection
Rated voltage: 400/230(V)
Winding material: pure copper
Cooling method: self-cooling
Excitation method: self-excitation
Telephone interference factor: THF<2, TIF<50

Attachment

Connecting chassis material: bending steel plate
Chassis strength: passed 500KG torsion test
Unit steel common base (including: unit composite vibration damping rubber mat)
Vibration damping pads: bowl type or square type rubber vibration damping pads