5REHUW0%RVFK06WU1#:###
'#0#7399;#0HHUEXVFK
7HO1=#.7<#0#5483#0#<4#5;#33
)D[1=##.7<#0#5483#0#<4#5;#3<
KWWS=######ZZZ1SRZHUVRXUFHV1GH
3
0(56###)##

32:(56

83/,(6#(

(1*,1(Typ..4-stroke diesel engine..with direct injection.Manufacturer..LombardiniModel..6 LD 435coupling system to obtain a rigid union.No. of cylinders...1Engine capacity...4363ccBore...86 mmStroke..75 mmCompression ratio...18:1Aspiration...AtmosphericEngine speed..3000 rpmPrime power............................8.7 HP DIN Nb36271Fuel consumption3100% load.......................1.9 ltr/hFuel tank capacity......................................4.3 litresApproximate running time w/o..................2.2 hoursNoise level............................79.2 dB (A) at 7metresCooling systemCooled by air forcing fan on flywheel.using anti-vibration pads. Alternator coupled directly to the engine crankshaft via a conicalCooling air flow.....................................5.17 m3/minForced lubrication3via gear type pump. Oil filter.Lubrication system,QGXVWULDO#*HQ6HW6HULHV/907I32:(55$7,1*6333#USP283#+]3ULPH5.6kVA,34.5kW6WDQGE\6.4kVA,35.1kWGenerator set consisting of engine and alternator mounted on a tubular steel profile frame,Oil sump capacity.......................................1.2 litresConsumption...0.013 kg/hAir intake systemNaturally aspirated via oil soaked air filter.Combustion3air flow..............................0.55 m3/minInjection systemInjection pump submerged in block with centrifugalgovernor. Fuel filterElectric system12V electric starting system. Axial starter motor. 46Ahbattery. Battery charging alternator. Oil sensor.Protection systemVisual alarm if oil pressure too low. Optionally, alarmsystem with automatic engine shutdown if oil pressuretoo low.Exhaust system equipped with exhaust silencer.$/7(51$725Three phase, sefl-regulating and self-exciting. Selfventilating. Class “H” insulation. All windings areimpregnated in epoxy resin3varnish, making themresistant to acids and oil. Voltage is maintained within+/- 6%. Manufactured to CEI 2-3, IEC 34.1, VDE 0530, may be supplied in the following versions:BS 4999-5000 and NF 51100.Manufacturer..Mecc AlteModel..TR1 - 160/2Power rating...6.5 kVAVoltage(*)............................220/380 V Three phase(*) Other voltages: PLEASE CONSULT.Regulation...CompoundNominal current..103ASpeed...3000 rpmFrequency...50 Hz67$7,21$5</#02%,/(#:,7+287&$123<$1'$8720$7,&19(56,216The L 6 Tf

5REHUW0%RVFK06WU1#:###

'#0#7399;#0HHUEXVFK
7HO1=#.7<#0#5483#0#<4#5;#33)D[1=##.7<#0#5483#0#<4#5;#3< KWWS=######ZZZ1SRZHUVRXUFHV1GH

3

0(56

&RQWURO In this version, the set is supplied on a tubular frame with wheels and handles. #SDQHO• Thermo-magntic circuit breaker.• Volmeter.• Hours run meter.

• On light

• Oil pressure indicator lamp.

• Ignition key.

• 1 three phase and 1 single phase socket (mountedon alternator cover).Includes battery. Shutdown using manual choke.

02%,/(#9(56,21

/9#

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0

0

5REHUW0%RVFK06WU1#:###

'#0#7399;#0HHUEXVFK
7HO1=#.7<#0#5483#0#<4#5;#33)D[1=##.7<#0#5483#0#<4#5;#3< KWWS=######ZZZ1SRZHUVRXUFHV1GH

3

0(56

/(&75,&$/#3$1(/Mounted in metal cabinet with IP 54 protection and supplied loose for wall mounting. Includes monitoring andcontrol, measuring and handling and changeover systems.0RQLWRULQJ#DQG#FRQWURO#V\VWHP

• Automatically monitors the mains, and if the mains fails connects the consumers to the generator set viacontactors which are mechanically and electronically activated. When the mains is restored, the load isreconnected to the mains, the set idles and then stops.

• No. of start-up attempts: 3

• Selector switch for Disonnect, Automatic Service, Manual Service and Test.

• The generator set may be set to run manually or automatically. When running manually, start-up,shutdown and changeover are performed using a selector switch.

• Three phase voltage monitor with adjustable values.0HDVXULQJ#DQG#KDQGOLQJ#HTXLSPHQWConsists of the following items:

• 1 Ammeter

• 1 Voltmeter

• 1 Mains-generator set voltmeter selector switch.

• 1 Frequency meter

• 1 Battery voltmeter.

• Off button.

• Battery maintenance system.

• Battery indicator light.

• Battery charge light.

• Large emergency stop push button.

• Audible and visual alarm for low fuel level.(Shown as “ALARMS NO STOP”).

• Alarm system disconnecting generator,shutdown, audible alarm and visual signal for:

• Start-up failure

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