TECHNICAL DATASHEET DS 505 B



ENGINE Description

Engine model

Fuel Cons. at 100% (P.R.P)

Fuel Cons. at 75% (P.R.P.)

Fuel Cons. at 50% (P.R.P.)

Fuel Cons. at 25% (P.R.P.)

Engine Antifreeze capacity

Electronic regulator

Precision class

Oil quantity

Radiator type

Heat from radiator

Heat from exhaust

Heat from radiation

Exhaust temperature

Combustion air flow

Exhaust gas flow

TA Luft

EPA

Stage

TA Luft/2

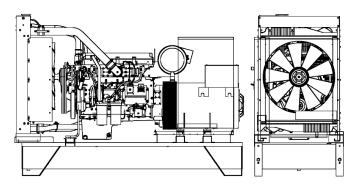
Portata Raffreddamento

DS 505 B





POWERFULL "B"



HYUNDAI(DOOSAN)

DP158LDF

14.62 I

24 Vdc

533.0 kW

1271 l/h

62.3 l/h

35.2 l/h

G3

24.0 I

59.0

492.0

50.0 kW

567

36.6

108.0

Ν

Ν

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TR

328.0 kW

kW

°C

m³/min

m³/min

850.0 m³/min

92.9 l/h

Standard

0.0 l/h

Vdc

kPa

kW

MAIN DATA	
Continuous power (PRP)	560.00 kVA
Continuous power (PRP)	448.00 kW
Emergency power (E.P.)	620.00 kVA
Emergency power (E.P.)	496.00 kW
VAC - HZ - cos(fi)	480 - 60 - 0.8

DIMENSIONS AND WEIGHT

Width	1410	mm
Length	3060	mm
Height	2110	mm
Weight	3430	kg

Cylinders	8
RPM speed	1800
Cubic capacity	14.62
Air intake	Turbocharged
Standard voltage	24
Optional voltage	
Sae	1-14
BMEP	2300
Cooling	Water
Flywheel P.R.P. Power net	482.0
Flywheel E.P. Power net	533.0
Fuel Cons. at 100% (E.P.)	0.0

ALTERNATOR		
Description	STAMFORD	
Alternator model	S4L1D-G	
P.R.P. Power	560.0	kVA
E.P. Power	625.0	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Ferminal Number	12	nr.
P Protection	23	
Electronic regulator	AS440	
Precision	1.0	± %
BASEFRAME		
Model	T3	
Standard tank	900	I
Optional tank	0	1
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MSR/a 125	
Silencer outlet diameter	140.0	mm

Standard reference conditions temperature 25°C, altitude 100m asl, relative humidity 30%. atmospheric pressure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non distortional. Fuel consumption is nominal and refers to specific weight 0,850kg/l. Sound power values refer to free field conditions: the installation site may influence the values. Dimensions, weights and other specifications contained in the technical data sheet and related attachments are nominal, subject to tolerances and refer to the model with standard equipment; any optional and additional equipment/accessories can modify weight, dimensions, performance. **P.R.P. Prime Power-Continuous power at variable load:** The power that a genset can supply in continuous service at a variable load for an unlimited number of hours per year while respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer. according to ISO8528-1. The average power supplied over time and any applicable overload must be less than the percentages stated by the Manufacturer. **E.P. - Emergency power:** This is the maximum power that a generating set can deliver for a limited number of hours per year while complying with the maintenance frequency stipulated under the environmental conditions set by the Manufacturer. The number of hours per year is determined by the engine manufacturer. The average power output over time must be lower than the percentages set by the engine manufacturer. Overloading is not allowed.

The data contained in this document is nominal and refers to the standard equipped model and is not binding. Visa S.p.A. reserves the right to revise the information without notice per our policy of continuous product development and improvement.

Visa S.p.A. s.u. is subject to management and coordination of IPG S.p.A., via dei Mercanti 12 - Milano Company registration Office n. 12616930967