TECHNICAL DATASHEET DS 800 B



ENGINE Description

Engine model

Cylinders

RPM speed Cubic capacity

Air intake

Sae

BMEP

Cooling

Standard voltage

Optional voltage

Flywheel P.R.P. Power net

Flywheel E.P. Power net

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

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.)

Electronic regulator

Precision class

Oil quantity

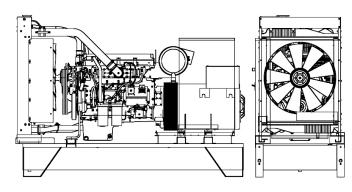
Stage

DS 800 B





POWERFULL "B"



HYUNDAI(DOOSAN)

DP222CB

Turbocharged

1500

21.93 L

24 Vdc

0-18

2900

Water

663.0

748.0 kW

190.0 l/h

168.0 l/h

127.0 l/h

50.0 l/h

G3

75 0 I

Ν

93.0 l/h

Standard

Vdc

kPa

kW

MAIN DATA	
Continuous power (PRP)	800.00 kVA
Continuous power (PRP)	640.00 kW
Emergency power (E.P.)	860.00 kVA
Emergency power (E.P.)	688.00 kW
VAC - HZ - cos(fi)	400 - 50 - 0.8

DIMENSIONS AND WEIGHT

Width	1700	mm
Length	3640	mm
Height	2440	mm
Weight	0	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	S6L1D-C	
P.R.P. Power	810.0	kVA
E.P. Power	860.0	kVA
Connection	Star	
Phases	3FN	
Winding	312	
Terminal Number	6	nr.
IP Protection	23	
Electronic regulator	MX322	
Precision	0.5	± %
BASEFRAME		
Model	Т3	
Standard tank	900	I
Optional tank	0	I
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 35	

Canopy model	SENZA COFANO	
Silencer model	MS 35	
Silencer outlet diameter	168.0	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 genese 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.

	/ 5.0	
Engine Antifreeze capacity	24.0	I
Padiator type	TE	

Radiator type	TE	
Heat from radiator	439.0	kW
Heat from exhaust	536.0	kW
Heat from radiation	38.0	kW
Exhaust temperature	520	°C
Portata Raffreddamento	1266.0	m³/min
Combustion air flow	44.0	m³/min
Exhaust gas flow	123.0	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	

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