



POWERFULL "B"



IMAGE NOT AVAILABLE

For illustrative purposes only

ENGINE

Description	HYUNDAI(DOOSAN)
Engine model	DP158LDF
Cylinders	8
RPM speed	1500
Cubic capacity	14.62 l
Air intake	Turbocharged
Standard voltage	24 Vdc
Optional voltage	Vdc
Sae	1-14
BMEP	2530 kPa
Cooling	Water
Flywheel P.R.P. Power net	448.0 kW
Flywheel E.P. Power net	494.0 kW
Fuel Cons. at 100% (E.P.)	0.0 l/h
Fuel Cons. at 100% (P.R.P)	115.1 l/h
Fuel Cons. at 75% (P.R.P.)	83.4 l/h
Fuel Cons. at 50% (P.R.P.)	55.1 l/h
Fuel Cons. at 25% (P.R.P.)	30.3 l/h
Electronic regulator	Standard
Precision class	G3
Oil quantity	24.0 l
Engine Antifreeze capacity	59.0 l
Radiator type	TR
Heat from radiator	300.0 kW
Heat from exhaust	450.0 kW
Heat from radiation	46.0 kW
Exhaust temperature	561 °C
Cooling air flow	700.0 m³/min
Combustion air flow	33.1 m³/min
Exhaust gas flow	98.0 m³/min
TA Luft	N
TA Luft/2	N
EPA	N
Stage	N

MAIN DATA

Continuous power (PRP)	500.00 kVA
Continuous power (PRP)	400.00 kW
Emergency power (E.P.)	550.00 kVA
Emergency power (E.P.)	440.00 kW
VAC - HZ - cos(fi)	415 - 50 - 0.8

DIMENSIONS AND WEIGHT

ALTERNATOR

Description	STAMFORD
Alternator model	S5L1D-D
P.R.P. Power	500.0 kVA
E.P. Power	550.0 kVA
Connection	Series star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS440
Precision	1.0 ± %

BASEFRAME

Model	T3
Standard tank	900 l
Optional tank	0 l
Oversized tank*	0 l

CANOPY & SILENCER

Canopy model	SENZA COFANO
Silencer model	MS 30
Silencer outlet diameter	140.0 mm

