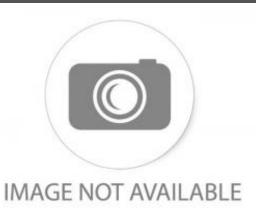


## **DS 505 B**





## **POWERFULL "B"**



For illustrative purposes only

ENGINE		
Description	HYUNDAI(DOOSAN)	
Engine model	DP158LDF	
Cylinders	8	
RPM speed	1500	
Cubic capacity	14.62	I
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	I
Engine Antifreeze capacity	59.0	1
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)	<b>500.00</b> kVA
Continuous power (PRP)	<b>400.00</b> kW
Emergency power (E.P.)	550.00 kVA
Emergency power (E.P.)	<b>440.00</b> 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 ± %	
RASEERAME		

BASEFRAME		
Model	T3	
Standard tank	900 I	
Optional tank	0 1	
Oversized tank*	0	

CANOPY & SILENCER	
Canopy model	SENZA COFANO
Silencer model	MS 30
Silencer outlet diameter	140.0 mm

