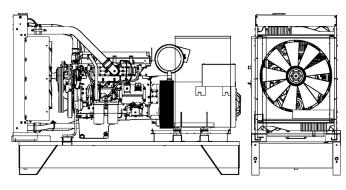


F 500 B





POWERFULL "B"



Stage

RPM speed 1500 Cubic capacity 12.90 I Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 BMEP 2683 kPa Cooling Water Fill Wester Fill Cooling Wester Fill Fill Cooling Wester Fill Fill Cooling Wester Fill Fill Fill Cooling Red Fill	For illustrative purposes only		
Engine model C13TE7 Cylinders 6 RPM speed 1500 Cubic capacity 12.90 Air intake Turbocharged Standard voltage Vdc Optional voltage Vdc Sae 1-14 BMEP 2683 kPa Cooling Water Flywheel P.R.P. Power net 415.0 kW Flywheel E.P. Power net 459.0 kW Fuel Cons. at 100% (E.P.) 112.6 l/h Fuel Cons. at 50% (P.R.P.) 75.4 l/h Fuel Cons. at 50% (P.R.P.) 51.5 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.)	ENGINE		
Cylinders 6 RPM speed 1500 Cubic capacity 12.90 Air intake Turbocharged Standard voltage 24 Optional voltage Vdc Sae 1-14 BMEP 2683 kPa Cooling Water Flywheel P.R.P. Power net 415.0 kW Flywheel E.P. Power net 459.0 kW Fuel Cons. at 100% (E.P.) 112.6 l/h Fuel Cons. at 100% (P.R.P) 100.6 l/h Fuel Cons. at 75% (P.R.P.) 75.4 l/h Fuel Cons. at 50% (P.R.P.) 51.5 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.) 75.4 l/h Fuel Cons. at 25% (P.R.P.) 75.5 l/h Fuel Cons. at	Description	FPT IVECO	
RPM speed 1500 Cubic capacity 12.90 I Air intake Turbocharged Standard voltage Vdc Optional voltage Vdc Sae 1-14 BMEP 2683 kPa Cooling Water Flywheel P.R.P. Power net 415.0 kW Flywheel E.P. Power net 459.0 kW Fuel Cons. at 100% (E.P.) 112.6 l/h Fuel Cons. at 100% (P.R.P) 100.6 l/h Fuel Cons. at 75% (P.R.P.) 75.4 l/h Fuel Cons. at 25% (P.R.P.) 51.5 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.) 51.5 l/h Fuel Cons. at 25% (P.R.P.) 75.4 l/h Fuel Cons. at 25% (P.R.P.) 75.4 l/h Fuel Cons. at 25% (P.R.P.) 75.5 l/h Fuel Cons. at 25% (P.R.P.) 75.5 l/h Fuel Cons. at 25% (P.R.P.) 75.5 l/h Fuel Cons. at 25% (P.R.P.) 75.4 l/h Fuel Cons. at 25% (P.R.P.) 75.7 l/h	Engine model	C13TE7	
Cubic capacity 12.90 I Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 BMEP 2683 kPa Cooling Water Flywheel P.R.P. Power net 415.0 kW Flywheel E.P. Power net 459.0 kW Fuel Cons. at 100% (E.P.) 112.6 l/h Fuel Cons. at 100% (P.R.P.) 100.6 l/h Fuel Cons. at 50% (P.R.P.) 75.4 l/h Fuel Cons. at 25% (P.R.P.) 51.5 l/h Fuel Cons. at 75% (P.R.P.) 75.4 l/h Fuel Cons. at 75% (P.R.P.) 75.4 l/h Fuel Cons. at 75% (P.R.P.) </td <td>Cylinders</td> <td>6</td> <td></td>	Cylinders	6	
Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 BMEP 2683 kPa Cooling Water Flywheel P.R.P. Power net 415.0 kW Flywheel E.P. Power net 459.0 kW Fuel Cons. at 100% (E.P.) 112.6 l/h Fuel Cons. at 100% (P.R.P) 100.6 l/h Fuel Cons. at 55% (P.R.P.) 75.4 l/h Fuel Cons. at 55% (P.R.P.) 51.5 l/h Fuel Cons. at 25% (P.R.P.) 75.4 l/h	RPM speed	1500	
Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 BMEP 2683 kPa Cooling Water Flywheel P.R.P. Power net 415.0 kW Flywheel E.P. Power net 459.0 kW Fuel Cons. at 100% (E.P.) 112.6 l/h Fuel Cons. at 100% (P.R.P) 100.6 l/h Fuel Cons. at 75% (P.R.P.) 75.4 l/h Fuel Cons. at 50% (P.R.P.) 51.5 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 32.0 l Engine Antifreeze capacity 19.5 l Radiator type TR Heat from radiator 199.5 kW Heat from exhaust 309.9 kW Heat from radiation 18.7 kW Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Exhaust gas flow 74.8 m³/min TA Luft N TA Luft/2 N	Cubic capacity	12.90	I
Optional voltage Vdc Sae 1-14 BMEP 2683 kPa Cooling Water Flywheel P.R.P. Power net 415.0 kW Flywheel E.P. Power net 459.0 kW Fuel Cons. at 100% (E.P.) 112.6 I/h Fuel Cons. at 100% (P.R.P) 100.6 I/h Fuel Cons. at 75% (P.R.P.) 75.4 I/h Fuel Cons. at 25% (P.R.P.) 51.5 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Electronic regulator Standard Standard Precision class G3 Oil quantity 32.0 I Engine Antifreeze capacity 19.5 I Radiator type TR Heat from radiator 199.5 kW Heat from exhaust 309.9 kW Heat from radiation 18.7 kW Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Exhaust gas flow 74.8 m³/min TA Luft/2	Air intake	Turbocharged	
Sae 1-14 BMEP 2683 kPa Cooling Water Flywheel P.R.P. Power net 415.0 kW Flywheel E.P. Power net 459.0 kW Fuel Cons. at 100% (E.P.) 112.6 l/h Fuel Cons. at 100% (P.R.P) 100.6 l/h Fuel Cons. at 75% (P.R.P.) 75.4 l/h Fuel Cons. at 50% (P.R.P.) 51.5 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 32.0 l Engine Antifreeze capacity 19.5 l Radiator type TR Heat from radiator 199.5 kW Heat from exhaust 309.9 kW Heat from radiation 18.7 kW Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Combustion air flow 26.3 m³/min Exhaust gas flow 74.8 m³/min TA Luft N TA Luft/2 N	Standard voltage	24	Vdc
BMEP 2683 kPa Cooling Water Flywheel P.R.P. Power net 415.0 kW Flywheel E.P. Power net 459.0 kW Fuel Cons. at 100% (E.P.) 112.6 l/h Fuel Cons. at 100% (P.R.P) 100.6 l/h Fuel Cons. at 75% (P.R.P.) 75.4 l/h Fuel Cons. at 50% (P.R.P.) 51.5 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 32.0 l Engine Antifreeze capacity 19.5 l Radiator type TR Heat from radiator 199.5 kW Heat from exhaust 309.9 kW Heat from radiation 18.7 kW Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Combustion air flow 26.3 m³/min Exhaust gas flow 74.8 m³/min TA Luft/2 N	Optional voltage		Vdc
Cooling Water Flywheel P.R.P. Power net 415.0 kW Flywheel E.P. Power net 459.0 kW Fuel Cons. at 100% (E.P.) 112.6 l/h Fuel Cons. at 100% (P.R.P) 100.6 l/h Fuel Cons. at 75% (P.R.P.) 75.4 l/h Fuel Cons. at 50% (P.R.P.) 51.5 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 32.0 l Engine Antifreeze capacity 19.5 l Radiator type TR Heat from radiator 199.5 kW Heat from exhaust 309.9 kW Heat from radiation 18.7 kW Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Combustion air flow 26.3 m³/min Exhaust gas flow 74.8 m³/min TA Luft/2 N	Sae	1-14	
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.) Fuel Cons. at 100% (P.R.	ВМЕР	2683	kPa
Flywheel E.P. Power net 459.0 kW Fuel Cons. at 100% (E.P.) 112.6 l/h Fuel Cons. at 100% (P.R.P) 100.6 l/h Fuel Cons. at 75% (P.R.P.) 75.4 l/h Fuel Cons. at 50% (P.R.P.) 51.5 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 32.0 l Engine Antifreeze capacity 19.5 l Radiator type TR Heat from radiator 199.5 kW Heat from exhaust 309.9 kW Heat from radiation 18.7 kW Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Combustion air flow 26.3 m³/min Exhaust gas flow 74.8 m³/min TA Luft N TA Luft/2 N	Cooling	Water	
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 50% (P.R.P.) Fuel Cons. at 25% (P.R.P.) Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 75% (P.R.P.) Fuel Cons. at 100% (P.R.P.) Fuel Cons. at 75% (P.R.P.) Fuel Cons. at 25% (P.R.P.)	Flywheel P.R.P. Power net	415.0	kW
Fuel Cons. at 100% (P.R.P) 100.6 I/h Fuel Cons. at 75% (P.R.P.) 75.4 I/h Fuel Cons. at 50% (P.R.P.) 51.5 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Electronic regulator Standard Precision class G3 Oil quantity 32.0 I Engine Antifreeze capacity 19.5 I Radiator type TR T Heat from radiator 199.5 kW Heat from exhaust 309.9 kW Heat from radiation 18.7 kW Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Combustion air flow 26.3 m³/min Exhaust gas flow 74.8 m³/min TA Luft N	Flywheel E.P. Power net	459.0	kW
Fuel Cons. at 75% (P.R.P.) 75.4 I/h Fuel Cons. at 50% (P.R.P.) 51.5 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Electronic regulator Standard Precision class G3 Oil quantity 32.0 I Engine Antifreeze capacity 19.5 I Radiator type TR Heat from radiator 199.5 kW Heat from exhaust 309.9 kW Heat from radiation 18.7 kW Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Combustion air flow 26.3 m³/min TA Luft N TA Luft/2 N	Fuel Cons. at 100% (E.P.)	112.6	l/h
Fuel Cons. at 50% (P.R.P.) 51.5 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Electronic regulator Standard Precision class G3 Oil quantity 32.0 I Engine Antifreeze capacity 19.5 I Radiator type TR Heat from radiator 199.5 kW Heat from exhaust 309.9 kW Heat from radiation 18.7 kW Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Combustion air flow 26.3 m³/min Exhaust gas flow 74.8 m³/min TA Luft N TA Luft/2 N	Fuel Cons. at 100% (P.R.P)	100.6	l/h
Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 32.0 l Engine Antifreeze capacity 19.5 l Radiator type TR Heat from radiator 199.5 kW Heat from exhaust 309.9 kW Heat from radiation 18.7 kW Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Combustion air flow 26.3 m³/min Exhaust gas flow 74.8 m³/min TA Luft N TA Luft/2 N	Fuel Cons. at 75% (P.R.P.)	75.4	l/h
Electronic regulator Precision class Oil quantity Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Protata Raffreddamento Combustion air flow TA Luft TA Luft/2 Samual Standard Fig. 32.0 I Post 1 A Sun 1 A Standard A Sun 1 A Sun 1 A Standard A W Exhaust type A W A W A W A W A W A Sun 3/min A Luft A N TA Luft/2 A N	Fuel Cons. at 50% (P.R.P.)	51.5	l/h
Precision class G3 Oil quantity 32.0 I Engine Antifreeze capacity 19.5 I Radiator type TR Heat from radiator 199.5 kW Heat from exhaust 309.9 kW Heat from radiation 18.7 kW Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Combustion air flow 26.3 m³/min Exhaust gas flow 74.8 m³/min TA Luft N TA Luft/2 N	Fuel Cons. at 25% (P.R.P.)	0.0	l/h
Oil quantity Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Heat from radiation TA Exhaust temperature TA Combustion air flow TA TA Luft N TA Luft/2 19.5 KW 19.5	Electronic regulator	Standard	
Engine Antifreeze capacity 19.5 Radiator type TR Heat from radiator 199.5 kW Heat from exhaust 309.9 kW Heat from radiation 18.7 kW Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Combustion air flow 26.3 m³/min Exhaust gas flow 74.8 m³/min TA Luft N TA Luft/2 N	Precision class	G3	
Radiator type TR Heat from radiator 199.5 kW Heat from exhaust 309.9 kW Heat from radiation 18.7 kW Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Combustion air flow 26.3 m³/min Exhaust gas flow 74.8 m³/min TA Luft N TA Luft/2 N	Oil quantity	32.0	I
Heat from radiator 199.5 kW Heat from exhaust 309.9 kW Heat from radiation 18.7 kW Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Combustion air flow 26.3 m³/min Exhaust gas flow 74.8 m³/min TA Luft N TA Luft/2 N	Engine Antifreeze capacity	19.5	1
Heat from exhaust 309.9 kW Heat from radiation 18.7 kW Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Combustion air flow 26.3 m³/min Exhaust gas flow 74.8 m³/min TA Luft N TA Luft/2 N	Radiator type	TR	
Heat from radiation 18.7 kW Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Combustion air flow 26.3 m³/min Exhaust gas flow 74.8 m³/min TA Luft N TA Luft/2 N	Heat from radiator	199.5	kW
Exhaust temperature 520 °C Portata Raffreddamento 408.0 m³/min Combustion air flow 26.3 m³/min Exhaust gas flow 74.8 m³/min TA Luft N TA Luft/2 N	Heat from exhaust	309.9	kW
Portata Raffreddamento 408.0 m³/min Combustion air flow 26.3 m³/min Exhaust gas flow 74.8 m³/min TA Luft N TA Luft/2 N	Heat from radiation	18.7	kW
Combustion air flow 26.3 m³/min Exhaust gas flow 74.8 m³/min TA Luft N TA Luft/2 N	Exhaust temperature	520	°C
Exhaust gas flow 74.8 m³/min TA Luft N TA Luft/2 N	Portata Raffreddamento	408.0	m³/min
TA Luft N TA Luft/2 N	Combustion air flow	26.3	m³/min
TA Luft/2 N	Exhaust gas flow	74.8	m³/min
	TA Luft	N	
EPA N	TA Luft/2	N	
	EPA	N	

MAIN DATA	
Continuous power (PRP)	500.00 kVA
Continuous power (PRP)	400.00 kW
Emergency power (E.P.)	520.00 kVA
Emergency power (E.P.)	416.00 kW
VAC - HZ - cos(fi)	400 - 50 - 0.8

DIMENSIONS AND WEIGHT		
Width	1270	mm
Length	3180	mm
Height	1990	mm
Weight	3500	kg

ALTERNATOR	
Description	STAMFORD
Alternator model	HCI5C
P.R.P. Power	500.0 kVA
E.P. Power	520.0 kVA
Connection	Series star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS440
Precision	1.0 ± %

BASEFRAME	
Model	Т3
Standard tank	900 I
Optional tank	0 1
Oversized tank*	0

CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 35	
Silencer outlet diameter	168.0 r	nm

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 obsorbiolal. Tele Consumption is infinite and refers to specific weight 0,50kg/i. Southern 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: 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.