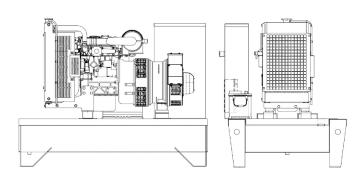


P 80 B





POWERFULL "B"



For illustrative purposes only

ENGINE PERKINS Engine model 1104A-44TG2 Cylinders 4 RPM speed 1500 Cubic capacity 4.40 Air intake Turbocharged Standard voltage 12 Optional voltage Vdc Sae 3-11 BMEP 1335 kPa Cooling Water Flywheel P.R.P. Power net 71.9 kW Flywheel Stand-by Power net 79.1 kW Flywheel Stand-by Power net 79.1 kW Fuel Cons. at 100% (P.R.P) 18.7 //h Fuel Cons. at 50% (P.R.P.) 9.7 //h Fuel Cons. at 50% (P.R.P.) 9.7 //h Fuel Cons. at 25% (P.R.P.) 5.2 //h Fuel Cons. at 25% (P.R.P.) 6.2 //h	Tor mustrative purposes only		
Engine model 1104A-44TG2 Cylinders	ENGINE		
Cylinders 4 RPM speed 1500 Cubic capacity 4.40 I Air intake Turbocharged Standard voltage Vdc Optional voltage Vdc Sae 3-11 BMEP 1335 kPa Cooling Water Flywheel P.R.P. Power net 71.9 kW Flywheel Stand-by Power net 79.1 kW Fuel Cons. at 100% (P.R.P.) 20.5 I/h Fuel Cons. at 100% (P.R.P.) 18.7 I/h Fuel Cons. at 55% (P.R.P.) 9.7 I/h Fuel Cons. at 25% (P.R.P.) 5.2 I/h Fuel Cons. at 50% (P.R.P.) 7.0 I Fuel Cons. at 25% (P.R.P.) 5.2 I/h Fuel Cons. at 50% (P.R.P.) 5.2 I/h Fuel Cons. at 50% (P.R.P.) 5.2 I/h Fuel	Description	PERKINS	
RPM speed 1500 Cubic capacity 4.40 I Air intake Turbocharged Standard voltage Vdc Optional voltage Vdc Sae 3-11 BMEP Cooling Water Cooling Flywheel P.R.P. Power net 71.9 kW Flywheel Stand-by Power net 79.1 kW Fuel Cons. at 100% (L.T.P.) 20.5 l/h Fuel Cons. at 100% (P.R.P) 18.7 l/h Fuel Cons. at 55% (P.R.P.) 9.7 l/h Fuel Cons. at 25% (P.R.P.) 5.2 l/h	Engine model	1104A-44TG2	
Cubic capacity 4.40 I Air intake Turbocharged Vdc Standard voltage 12 Vdc Optional voltage Vdc Vdc Sae 3-11 BMEP 1335 kPa Cooling Water WW Flywheel P.R.P. Power net 71.9 kW Flywheel Stand-by Power net 79.1 kW Flywheel Stand-by Power net 79.1 kW Fuel Cons. at 100% (L.T.P.) 20.5 I/h I/h Fuel Cons. at 100% (P.R.P.) 18.7 I/h I/h Fuel Cons. at 75% (P.R.P.) 14.0 I/h I/h Fuel Cons. at 50% (P.R.P.) 9.7 I/h I/h Fuel Cons. at 25% (P.R.P.) 5.2 I/h I/h Fuel Cons. at 25% (P.R.P.) 5.2 I/h I/h Fuel Cons. at 25% (P.R.P.) 9.7 I/h Fuel Cons. at 25% (P.R.P.) 5.2 I/h Fuel Cons. at 25% (P.R.P.) 5.2 I/h I/h Fuel Cons. at 25% (P.R.P.) 5.2 I/h I/h Fuel Cons. at 25% (P.R.P.) 7.0 I/h Fuel Cons. at 25% (P.R.P.) 5.2 I/h I/h Fuel Cons. at 25% (P.R.P.) 7.0 I/h I/h Fuel	Cylinders	4	
Air intake Turbocharged Standard voltage 12 Vdc Optional voltage Vdc Sae 3-11 BMEP 1335 kPa Cooling Water Flywheel P.R.P. Power net 71.9 kW Flywheel Stand-by Power net 79.1 kW Fluel Cons. at 100% (L.T.P.) 20.5 l/h Fuel Cons. at 100% (P.R.P) 18.7 l/h Fuel Cons. at 75% (P.R.P.) 9.7 l/h Fuel Cons. at 50% (P.R.P.) 9.7 l/h Fuel Cons. at 25% (P.R.P.) 5.2 l/h Electronic regulator On request Precision class G2 Oil quantity 8.0 l Engine Antifreeze capacity 7.0 l Radiator type TR Heat from radiator 46.0 kW Heat from exhaust 53.0 kW Heat from radiation 13.0 kW Exhaust temperature 555 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 12.5 m³/min TA Luft/2	RPM speed	1500	
Standard voltage 12 Vdc Optional voltage Vdc Sae 3-11 BMEP Cooling Water Water Flywheel P.R.P. Power net 71.9 kW Flywheel Stand-by Power net 79.1 kW Fuel Cons. at 100% (L.T.P.) 20.5 l/h Fuel Cons. at 100% (P.R.P) 18.7 l/h Fuel Cons. at 75% (P.R.P.) 9.7 l/h Fuel Cons. at 25% (P.R.P.) 9.7 l/h Fuel Cons. at 25% (P.R.P.) 5.2 l/h Fuel Cons. at 25% (P.R.P.) 9.7 l/h Fuel Cons. at 25% (P.R.P.) 7.0 l/h Fuel Cons. at 25% (P.R.P.) 7.0 l/h Fuel Cons. at 25% (P.R.P.) 7.0 l/h Fuel Cons. at 75% (P.R.P.) 9.7 l/h Fuel Cons. at 75% (P.R.P.) 9.7 l/h <t< td=""><td>Cubic capacity</td><td>4.40</td><td>I</td></t<>	Cubic capacity	4.40	I
Optional voltage Vdc Sae 3-11 BMEP 1335 kPa Cooling Water Flywheel P.R.P. Power net 71.9 kW Flywheel Stand-by Power net 79.1 kW Fluel Cons. at 100% (L.T.P.) 20.5 l/h Fuel Cons. at 100% (P.R.P) 18.7 l/h Fuel Cons. at 75% (P.R.P.) 14.0 l/h Fuel Cons. at 50% (P.R.P.) 9.7 l/h Fuel Cons. at 25% (P.R.P.) 5.2 l/h Electronic regulator On request Precision class G2 Oil quantity 8.0 l Engine Antifreeze capacity 7.0 l L Radiator type TR Heat from radiator 46.0 kW Heat from radiation 13.0 kW Heat from radiation 13.0 kW Exhaust temperature 555 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow <td>Air intake</td> <td>Turbocharged</td> <td></td>	Air intake	Turbocharged	
Sae 3-11 BMEP 1335 kPa Cooling Water Flywheel P.R.P. Power net 71.9 kW Flywheel Stand-by Power net 79.1 kW Fuel Cons. at 100% (L.T.P.) 20.5 I/h Fuel Cons. at 100% (P.R.P) 18.7 I/h Fuel Cons. at 75% (P.R.P.) 14.0 I/h Fuel Cons. at 50% (P.R.P.) 9.7 I/h Fuel Cons. at 25% (P.R.P.) 5.2 I/h Electronic regulator On request Precision class G2 Oli quantity 8.0 I Engine Antifreeze capacity 7.0 I Radiator type TR T Heat from radiator 46.0 kW Heat from radiation 13.0 kW Exhaust temperature 555 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 12.5 m³/min TA Luft/2 N EPA N	Standard voltage	12	Vdc
BMEP 1335 kPa Cooling Water Flywheel P.R.P. Power net 71.9 kW Flywheel Stand-by Power net 79.1 kW Fuel Cons. at 100% (L.T.P.) 20.5 I/h Fuel Cons. at 100% (P.R.P) 18.7 I/h Fuel Cons. at 75% (P.R.P.) 9.7 I/h Fuel Cons. at 50% (P.R.P.) 9.7 I/h Fuel Cons. at 25% (P.R.P.) 5.2 I/h Electronic regulator On request Precision class G2 Ol quantity 8.0 I Engine Antifreeze capacity 7.0 I I Radiator type TR T Heat from radiator 46.0 kW Heat from radiator 46.0 kW W Heat from radiation 13.0 kW Exhaust temperature 555 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 12.5 m³/min TA Luft/2 N EPA N	Optional voltage		Vdc
Cooling Water Flywheel P.R.P. Power net 71.9 kW Flywheel Stand-by Power net 79.1 kW Fuel Cons. at 100% (L.T.P.) 20.5 l/h Fuel Cons. at 100% (P.R.P) 18.7 l/h Fuel Cons. at 75% (P.R.P.) 14.0 l/h Fuel Cons. at 50% (P.R.P.) 9.7 l/h Fuel Cons. at 25% (P.R.P.) 5.2 l/h Electronic regulator On request Precision class G2 Oil quantity 8.0 l Engine Antifreeze capacity 7.0 l Radiator type TR Heat from radiator 46.0 kW Heat from exhaust 53.0 kW Heat from radiation 13.0 kW Exhaust temperature 555 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 12.5 m³/min TA Luft N TA Luft/2 N EPA N	Sae	3-11	
Flywheel P.R.P. Power net Flywheel Stand-by Power net Fuel Cons. at 100% (L.T.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 55% (P.R.P.) Fuel Cons. at 25% (P.R.P.) Fuel Cons. at 75% (P.R.P.) Fuel Cons. at 75% (P.R.P.) Fuel Cons. at 100% (P.R.P.) Fuel Cons. at 20% (P.R.P.) Fuel Cons. at 100% (P.R.P.) Fuel Cons. at	ВМЕР	1335	kPa
Flywheel Stand-by Power net 79.1 kW Fuel Cons. at 100% (L.T.P.) 20.5 l/h Fuel Cons. at 100% (P.R.P) 18.7 l/h Fuel Cons. at 75% (P.R.P.) 14.0 l/h Fuel Cons. at 50% (P.R.P.) 9.7 l/h Fuel Cons. at 25% (P.R.P.) 5.2 l/h Electronic regulator On request Precision class G2 Oil quantity 8.0 l Engine Antifreeze capacity 7.0 l Radiator type TR Heat from radiator 46.0 kW Heat from exhaust 53.0 kW Heat from radiation 13.0 kW Exhaust temperature 555 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 12.5 m³/min TA Luft N TA Luft/2 N EPA N	Cooling	Water	
Fuel Cons. at 100% (L.T.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 75% (P.R.P.) Fuel Cons. at 100% (P.R.P.) Fuel Cons.	Flywheel P.R.P. Power net	71.9	kW
Fuel Cons. at 100% (P.R.P) 18.7 I/h Fuel Cons. at 75% (P.R.P.) 14.0 I/h Fuel Cons. at 50% (P.R.P.) 9.7 I/h Fuel Cons. at 25% (P.R.P.) 5.2 I/h Electronic regulator On request Precision class G2 Oil quantity 8.0 I Engine Antifreeze capacity 7.0 I Radiator type TR Heat from radiator 46.0 kW Heat from exhaust 53.0 kW Heat from radiation 13.0 kW Exhaust temperature 555 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 12.5 m³/min TA Luft N TA Luft/2 N EPA N	Flywheel Stand-by Power net	79.1	kW
Fuel Cons. at 75% (P.R.P.) 14.0 I/h Fuel Cons. at 50% (P.R.P.) 9.7 I/h Fuel Cons. at 25% (P.R.P.) 5.2 I/h Electronic regulator On request Precision class G2 Oil quantity 8.0 I Engine Antifreeze capacity 7.0 I Radiator type TR Heat from radiator 46.0 kW Heat from exhaust 53.0 kW Heat from radiation 13.0 kW Exhaust temperature 555 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 12.5 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 100% (L.T.P.)	20.5	l/h
Fuel Cons. at 50% (P.R.P.) 9.7 l/h Fuel Cons. at 25% (P.R.P.) 5.2 l/h Electronic regulator On request Precision class G2 Oil quantity 8.0 l Engine Antifreeze capacity 7.0 l Radiator type TR Heat from radiator 46.0 kW Heat from exhaust 53.0 kW Heat from radiation 13.0 kW Exhaust temperature 555 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 12.5 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 100% (P.R.P)	18.7	l/h
Fuel Cons. at 25% (P.R.P.) Electronic regulator Precision class G2 Oil quantity Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature The combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA On request On request A 5.2 I/h S.2 I/h S.3 I/h S.4 I S.4 I S.5 G2 C2 C2 C2 C3 C4 C4 C6 C7 C7 C8 C8 C9 C8 C9 C9 C9 C9 C9 C9	Fuel Cons. at 75% (P.R.P.)	14.0	l/h
Electronic regulator On request Precision class G2 Oil quantity 8.0 I Engine Antifreeze capacity 7.0 I Radiator type TR Heat from radiator 46.0 kW Heat from exhaust 53.0 kW Heat from radiation 13.0 kW Exhaust temperature 555 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 12.5 m³/min TA Luft N TA Luft/2 EPA N TA Luft/2	Fuel Cons. at 50% (P.R.P.)	9.7	l/h
Precision class G2 Oil quantity Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Tangle To Combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA Root Root G2 Root	Fuel Cons. at 25% (P.R.P.)	5.2	l/h
Oil quantity Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature The standard s	Electronic regulator	On request	
Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Heat from radiation TA Exhaust temperature TA Combustion air flow TA Luft TA Luft/2 EPA TA TA TA TA TA TA Radiator type TR TA Heat TA TA TA TA TA TA TA TA TA T	Precision class	G2	
Radiator type TR Heat from radiator 46.0 kW Heat from exhaust 53.0 kW Heat from radiation 13.0 kW Exhaust temperature 555 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 12.5 m³/min TA Luft N TA Luft/2 N EPA N	Oil quantity	8.0	I
Heat from radiator 46.0 kW Heat from exhaust 53.0 kW Heat from radiation 13.0 kW Exhaust temperature 555 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 12.5 m³/min TA Luft N TA Luft/2 N EPA N	Engine Antifreeze capacity	7.0	I
Heat from exhaust 53.0 kW Heat from radiation 13.0 kW Exhaust temperature 555 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 12.5 m³/min TA Luft N TA Luft/2 N EPA N	Radiator type	TR	
Heat from radiation 13.0 kW Exhaust temperature 555 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 12.5 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiator	46.0	kW
Exhaust temperature 555 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 12.5 m³/min TA Luft N TA Luft/2 N EPA N	Heat from exhaust	53.0	kW
Portata Raffreddamento 89.0 m³/min Combustion air flow 4.8 m³/min Exhaust gas flow 12.5 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiation	13.0	kW
Combustion air flow 4.8 m³/min Exhaust gas flow 12.5 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	555	°C
Exhaust gas flow 12.5 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	89.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	4.8	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	12.5	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage	EPA	N	
	Stage	N	

MAIN DATA	
Continuous power (PRP)	80.00 kVA
Continuous power (PRP)	64.00 kW
Stand-by power (LTP)	88.00 kVA
Stand-by power (LTP)	70.40 kW
VAC - HZ - cos(fi)	415 - 50 - 0.8

DIMENSIONS AND WEIGHT		
Width	960	mm
Length	1885	mm
Height	1375	mm
Weight	1090	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	UCI224G	
P.R.P. Power	85	kVA
L.T.P. Power	90.8	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1	± %

BASEFRAME	
Model	T1
Standard tank	160 I
Optional tank	0
Oversized tank*	0 1

CANOPY & SILENCER	
Canopy model	SENZA COFANO
Silencer model	MS 15
Silencer outlet diameter	70 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. L.T.P. Limited-time running power-Limited power: The maximum power that a genset can supply for a limited time respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer according to ISO 8528-1. The number of hours per year is stated by the Manufacturer. Overload is not permitted.

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.