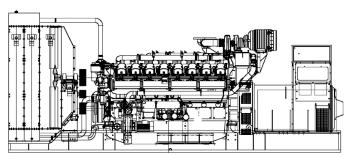


P 2250 U





POWERFULL "U"



For illustrative purposes only

Description PERKINS Engine model 4016-61TRG3 Cylinders 16 RPM speed 1500 Cubic capacity 61.12 Air intake Turbocharged Standard voltage Vdc Optional voltage Vdc Sae 00-18 BMEP 2585 kPa Cooling Water Flywheel P.R.P. Power net 1876.0 kW Flywheel Stand-by Power net 2084.0 kW Fuel Cons. at 100% (L.T.P.) 529.0 l/h Fuel Cons. at 100% (P.R.P) 470.0 l/h Fuel Cons. at 50% (P.R.P.) 344.0 l/h Fuel Cons. at 25% (P.R.P.) 126.0 l/h Fuel Cons. at 75% (P.R.P.) 126	ENGINE		
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Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 00-18 BMEP 2585 kPa Cooling Water Flywheel P.R.P. Power net 1876.0 kW Flywheel Stand-by Power net 2084.0 kW Fuel Cons. at 100% (L.T.P.) 529.0 l/h Fuel Cons. at 100% (P.R.P) 470.0 l/h Fuel Cons. at 55% (P.R.P.) 344.0 l/h Fuel Cons. at 55% (P.R.P.) 234.0 l/h Fuel Cons. at 25% (P.R.P.) 126.0 l/h Fuel Cons. at 100% (P.R.P.) 344.0 l/h Fuel Cons. at 25% (P.R.P.) 126.0 l/h Fuel Cons. at 100% (P.R.P.) 344.0 l/h Fuel Cons. at 100% (P.R.P.) 344.0 l/h Fuel Cons. at 100% (P.R.P.) 340.0 l/h	RPM speed	1500	
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Optional voltage Vdc Sae 00-18 BMEP 2585 kPa Cooling Water Flywheel P.R.P. Power net 1876.0 kW Flywheel Stand-by Power net 2084.0 kW Fuel Cons. at 100% (L.T.P.) 529.0 l/h Fuel Cons. at 100% (P.R.P) 470.0 l/h Fuel Cons. at 75% (P.R.P.) 344.0 l/h Fuel Cons. at 50% (P.R.P.) 234.0 l/h Fuel Cons. at 25% (P.R.P.) 126.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 238.0 l Engine Antifreeze capacity 95.0 l Radiator type TE Heat from radiator 1580.0 kW Heat from exhaust 1535.0 kW Heat from radiation 160.0 kW Exhaust temperature 560 °C Portata Raffreddamento 2667.0 m³/min Combustion air flow 175.0 m³/min Exhaust gas flow 525.0 m³/min TA Luft/2 N EPA N	Air intake	Turbocharged	
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BMEP 2585 kPa Cooling Water Flywheel P.R.P. Power net 1876.0 kW Flywheel Stand-by Power net 2084.0 kW Fuel Cons. at 100% (L.T.P.) 529.0 l/h Fuel Cons. at 100% (P.R.P) 470.0 l/h Fuel Cons. at 75% (P.R.P.) 344.0 l/h Fuel Cons. at 25% (P.R.P.) 234.0 l/h Fuel Cons. at 25% (P.R.P.) 126.0 l/h Electronic regulator Standard Precision class G3 I Oil quantity 238.0 I Engine Antifreeze capacity 95.0 I Radiator type TE TE Heat from radiator 1580.0 kW Heat from exhaust 1535.0 kW Heat from radiation 160.0 kW Exhaust temperature 560 °C Portata Raffreddamento 2667.0 m³/min Combustion air flow 175.0 m³/min Exhaust gas flow 525.0 m³/min TA Luft/2 N EPA	Optional voltage		Vdc
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Flywheel Stand-by Power net 2084.0 kW Fuel Cons. at 100% (L.T.P.) 529.0 l/h Fuel Cons. at 100% (P.R.P) 470.0 l/h Fuel Cons. at 75% (P.R.P.) 344.0 l/h Fuel Cons. at 50% (P.R.P.) 234.0 l/h Fuel Cons. at 25% (P.R.P.) 126.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 238.0 l Engine Antifreeze capacity 95.0 l Radiator type TE Heat from radiator 1580.0 kW Heat from exhaust 1535.0 kW Heat from radiation 160.0 kW Exhaust temperature 560 °C Portata Raffreddamento 2667.0 m³/min Combustion air flow 175.0 m³/min Exhaust gas flow 525.0 m³/min TA Luft N EPA N	Cooling	Water	
Fuel Cons. at 100% (L.T.P.) 529.0 l/h Fuel Cons. at 100% (P.R.P) 470.0 l/h Fuel Cons. at 75% (P.R.P.) 344.0 l/h Fuel Cons. at 50% (P.R.P.) 234.0 l/h Fuel Cons. at 25% (P.R.P.) 126.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 238.0 l Engine Antifreeze capacity 95.0 l Radiator type TE Heat from radiator 1580.0 kW Heat from exhaust 1535.0 kW Heat from radiation 160.0 kW Exhaust temperature 560 °C Portata Raffreddamento 2667.0 m³/min Combustion air flow 175.0 m³/min Exhaust gas flow 525.0 m³/min TA Luft N TA Luft/2 N EPA N	Flywheel P.R.P. Power net	1876.0	kW
Fuel Cons. at 100% (P.R.P.) 470.0 l/h Fuel Cons. at 75% (P.R.P.) 344.0 l/h Fuel Cons. at 50% (P.R.P.) 234.0 l/h Fuel Cons. at 25% (P.R.P.) 126.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 238.0 l Engine Antifreeze capacity 95.0 l Radiator type TE Heat from radiator 1580.0 kW Heat from exhaust 1535.0 kW Heat from radiation 160.0 kW Exhaust temperature 560 °C Portata Raffreddamento 2667.0 m³/min Combustion air flow 175.0 m³/min Exhaust gas flow 525.0 m³/min TA Luft N TA Luft/2 N EPA N	Flywheel Stand-by Power net	2084.0	kW
Fuel Cons. at 75% (P.R.P.) 344.0 l/h Fuel Cons. at 50% (P.R.P.) 234.0 l/h Fuel Cons. at 25% (P.R.P.) 126.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 238.0 l Engine Antifreeze capacity 95.0 l Radiator type TE Heat from radiator 1580.0 kW Heat from exhaust 1535.0 kW Heat from radiation 160.0 kW Exhaust temperature 560 °C Portata Raffreddamento 2667.0 m³/min Combustion air flow 175.0 m³/min Exhaust gas flow 525.0 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 100% (L.T.P.)	529.0	l/h
Fuel Cons. at 50% (P.R.P.) 234.0 l/h Fuel Cons. at 25% (P.R.P.) 126.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 238.0 l Engine Antifreeze capacity 95.0 l Radiator type TE Heat from radiator 1580.0 kW Heat from exhaust 1535.0 kW Heat from radiation 160.0 kW Exhaust temperature 560 °C Portata Raffreddamento 2667.0 m³/min Combustion air flow 175.0 m³/min Exhaust gas flow 525.0 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 100% (P.R.P)	470.0	l/h
Fuel Cons. at 25% (P.R.P.) Electronic regulator Precision class G3 Oil quantity Engine Antifreeze capacity Radiator type Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Fuel Cons. at 25% (P.R.P.) 126.0 I/h Standard Precision class G3 Oil quantity 95.0 I Radiator type TE Heat from radiator 1580.0 kW Heat from exhaust 1535.0 kW Heat from radiation 160.0 kW Exhaust temperature 560 °C Portata Raffreddamento 2667.0 m³/min Combustion air flow 175.0 m³/min Exhaust gas flow 525.0 m³/min TA Luft N TA Luft/2 EPA N	Fuel Cons. at 75% (P.R.P.)	344.0	l/h
Electronic regulator Precision class G3 Oil quantity 238.0 Engine Antifreeze capacity 95.0 Radiator type TE Heat from radiator Heat from exhaust 1535.0 kW Heat from radiation 160.0 kW Exhaust temperature 560 °C Portata Raffreddamento 2667.0 m³/min Combustion air flow 175.0 m³/min Exhaust gas flow TA Luft N TA Luft TA Luft/2 EPA N Standard Standard Amage of Samon	Fuel Cons. at 50% (P.R.P.)	234.0	l/h
Precision class Oil quantity Engine Antifreeze capacity Radiator type Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow TA Luft TA Luft/2 EPA Solution 1 238.0 1 1 238.0 1 1 580.0 kW 1 580.0 kW EXW EXW 1535.0 kW 160.0 kW 175.0 m³/min	Fuel Cons. at 25% (P.R.P.)	126.0	l/h
Oil quantity 238.0 Engine Antifreeze capacity 95.0 Radiator type TE Heat from radiator 1580.0 kW Heat from exhaust 1535.0 kW Heat from radiation 160.0 kW Exhaust temperature 560 °C Portata Raffreddamento 2667.0 m³/min Combustion air flow 175.0 m³/min Exhaust gas flow 525.0 m³/min TA Luft N TA Luft/2 N EPA N	Electronic regulator	Standard	
Engine Antifreeze capacity Radiator type TE Heat from radiator Heat from exhaust 1535.0 kW Heat from radiation 160.0 kW Exhaust temperature 560 °C Portata Raffreddamento Combustion air flow 175.0 m³/min Exhaust gas flow TA Luft TA Luft/2 EPA N	Precision class	G3	
Radiator type Heat from radiator Heat from exhaust Heat from exhaust Heat from radiation Exhaust temperature For o C Portata Raffreddamento Combustion air flow TA Luft TA Luft/2 EPA TS80.0 kW 1535.0 kW 160.0 kW 2667.0 m³/min 2667.0 m³/min 75.0 m³/min N N N	Oil quantity	238.0	I
Heat from radiator 1580.0 kW Heat from exhaust 1535.0 kW Heat from radiation 160.0 kW Exhaust temperature 560 °C Portata Raffreddamento 2667.0 m³/min Combustion air flow 175.0 m³/min Exhaust gas flow 525.0 m³/min TA Luft N TA Luft/2 N EPA N	Engine Antifreeze capacity	95.0	I
Heat from exhaust 1535.0 kW Heat from radiation 160.0 kW Exhaust temperature 560 °C Portata Raffreddamento 2667.0 m³/min Combustion air flow 175.0 m³/min Exhaust gas flow 525.0 m³/min TA Luft N TA Luft/2 N EPA N	Radiator type	TE	
Heat from radiation 160.0 kW Exhaust temperature 560 °C Portata Raffreddamento 2667.0 m³/min Combustion air flow 175.0 m³/min Exhaust gas flow 525.0 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiator	1580.0	kW
Exhaust temperature 560 °C Portata Raffreddamento 2667.0 m³/min Combustion air flow 175.0 m³/min Exhaust gas flow 525.0 m³/min TA Luft N TA Luft/2 N EPA N	Heat from exhaust	1535.0	kW
Portata Raffreddamento 2667.0 m³/min Combustion air flow 175.0 m³/min Exhaust gas flow 525.0 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiation	160.0	kW
Combustion air flow 175.0 m³/min Exhaust gas flow 525.0 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	560	°C
Exhaust gas flow 525.0 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	2667.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	175.0	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	525.0	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage	EPA	N	
Stage	Stage	N	

MAIN DATA		
Continuous power (PRP)	2135.00	kVA
Continuous power (PRP)	1708.00	kW
Stand-by power (LTP)	2290.00	kVA
Stand-by power (LTP)	1832.00	kW
VAC - HZ - cos(fi)	380 - 50 - 0.8	

DIMENSIONS AND WEIGHT		
Width	2150	mm
Length	6050	mm
Height	2550	mm
Weight	16220	kg

ALTERNATOR	
Description	STAMFORD
Alternator model	PI734G
P.R.P. Power	2135 kVA
L.T.P. Power	2290 kVA
Connection	Star
Phases	3FN
Winding	312
Terminal Number	6 nr.
IP Protection	23
Electronic regulator	MX341
Precision	1 ± %

BASEFRAME	
Model	ST60
Standard tank	0 1
Optional tank	0 1
Oversized tank*	0 1

CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model		
Silencer outlet diameter	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 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.