TECHNICAL DATASHEET F 201 CK



F 201 CK





CRICKET "CK"



For	ictro	stiv.o	purposes	only

Description FPT IVECO Engine model N67TM7 Cylinders 6 RPM speed 1800 Cubic capacity 6.70 Air intake Turbocharged Standard voltage 12 Vdc Optional voltage 24 Vdc Sae 3-11½ BMEP 1841 kPa Cooling Water Flywheel P.R.P. Power net 170.0 kW Flywheel E.P. Power net 187.0 kW Fuel Cons. at 100% (E.P.) 48.9 l/h Fuel Cons. at 100% (P.R.P.) 38.0 l/h Fuel Cons. at 50% (P.R.P.) 22.7 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class Oil quantity 17.2 l Engine Antifreeze capacity 10.5 l Radiator type TR Heat from radiator 113.4 kW Heat from exhaust 139.4 kW Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N TA Luft/2 N Stage N	ENGINE		
Engine model N67TM7 Cylinders 6 RPM speed 1800 Cubic capacity 6.70 Air intake Turbocharged Standard voltage 12 Vdc Optional voltage 24 Vdc Sae 3-11½ BMEP 1841 kPa Cooling Water Flywheel P.R.P. Power net 170.0 kW Flywheel E.P. Power net 187.0 kW Fuel Cons. at 100% (P.R.P) 45.5 l/h Fuel Cons. at 75% (P.R.P.) 38.0 l/h Fuel Cons. at 55% (P.R.P.) 22.7 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class Oil quantity 17.2 l Engine Antifreeze capacity 10.5 l Radiator type TR Heat from radiator 113.4 kW Heat from radiator 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N TA Luft N TA Luft/2 N EPA		EDT 11/500	
Cylinders 6 RPM speed 1800 Cubic capacity 6.70 I Air intake Turbocharged Vdc Standard voltage 12 Vdc Optional voltage 24 Vdc Sae 3-11½ F BMEP 1841 kPa Cooling Water F Flywheel P.R.P. Power net 170.0 kW Flywheel E.P. Power net 187.0 kW Fuel Cons. at 100% (E.P.) 48.9 I/h Fuel Cons. at 50% (P.R.P.) 38.0 I/h Fuel Cons. at 55% (P.R.P.) 38.0 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h			
RPM speed 1800 Cubic capacity 6.70 I Air intake Turbocharged Standard voltage 12 Vdc Optional voltage 24 Vdc Sae 3-11½ BMEP 1841 kPa Cooling Water Flywheel P.R.P. Power net 170.0 kW Flywheel E.P. Power net 187.0 kW Fuel Cons. at 100% (E.P.) 48.9 I/h Fuel Cons. at 100% (P.R.P) 45.5 I/h Fuel Cons. at 75% (P.R.P.) 38.0 I/h Fuel Cons. at 50% (P.R.P.) 22.7 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Fuel Cons. at 50% (P.R.P.) 0.0 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Fuel Cons. at 50% (P.R.P.) 0.0 I/h <td></td> <td></td> <td></td>			
Cubic capacity 6.70 I Air intake Turbocharged Standard voltage 12 Vdc Optional voltage 24 Vdc Sae 3-11½ BMEP 1841 kPa Cooling Water Flywheel P.R.P. Power net 170.0 kW Flywheel E.P. Power net 187.0 kW Fuel Cons. at 100% (E.P.) 48.9 I/h Fuel Cons. at 100% (P.R.P.) 45.5 I/h Fuel Cons. at 75% (P.R.P.) 38.0 I/h Fuel Cons. at 50% (P.R.P.) 22.7 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Electronic regulat	•		
Air intake Turbocharged Standard voltage 12 Vdc Optional voltage 24 Vdc Sae 3-11½ BMEP 1841 kPa Cooling Water Flywheel P.R.P. Power net 170.0 kW Flywheel E.P. Power net 187.0 kW Fuel Cons. at 100% (E.P.) 48.9 l/h Fuel Cons. at 100% (P.R.P) 45.5 l/h Fuel Cons. at 50% (P.R.P.) 38.0 l/h Fuel Cons. at 55% (P.R.P.) 22.7 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class Oil quantity Oil quantity 17.2 l Engine Antifreeze capacity 10.5 l Radiator type TR Heat from radiator 113.4 kW Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft/2 N EPA <td< td=""><td>RPM speed</td><td></td><td></td></td<>	RPM speed		
Standard voltage 12 Vdc Optional voltage 24 Vdc Sae 3-11½ BMEP 1841 kPa Cooling Water Flywheel P.R.P. Power net 170.0 kW Flywheel E.P. Power net 187.0 kW Fuel Cons. at 100% (E.P.) 48.9 l/h Fuel Cons. at 100% (P.R.P) 45.5 l/h Fuel Cons. at 75% (P.R.P.) 38.0 l/h Fuel Cons. at 50% (P.R.P.) 22.7 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Flectronic regulator On request Precision class 01 quantity 17.2 l Engine Antifreeze capacity 10.5 l Radiator type TR Heat from radiator 113.4 kW Heat from exhaust 139.4 kW Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft/2 N EPA N	Cubic capacity	6.70	I
Optional voltage 24 Vdc Sae 3-11½ BMEP 1841 kPa Cooling Water Flywheel P.R.P. Power net 170.0 kW Flywheel E.P. Power net 187.0 kW Flywheel E.P. Power net 187.0 kW Fuel Cons. at 100% (E.P.) 48.9 l/h Fuel Cons. at 100% (P.R.P) 38.0 l/h Fuel Cons. at 55% (P.R.P.) 38.0 l/h Fuel Cons. at 25% (P.R.P.) 22.7 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Flectronic regulator On request Precision class Oil quantity 17.2 I Engine Antifreeze capacity 10.5 I Radiator type TR Heat from radiator 113.4 kW Heat from exhaust 139.4 kW Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 <t< td=""><td>Air intake</td><td>Turbocharged</td><td></td></t<>	Air intake	Turbocharged	
Sae 3-11½ BMEP 1841 kPa Cooling Water Flywheel P.R.P. Power net 170.0 kW Flywheel E.P. Power net 187.0 kW Fuel Cons. at 100% (E.P.) 48.9 l/h Fuel Cons. at 100% (P.R.P) 45.5 l/h Fuel Cons. at 75% (P.R.P.) 38.0 l/h Fuel Cons. at 50% (P.R.P.) 22.7 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class Oil quantity 17.2 l Engine Antifreeze capacity 10.5 l Radiator type TR Heat from radiator 113.4 kW Heat from exhaust 139.4 kW Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N EPA N	Standard voltage	12	Vdc
BMEP 1841 kPa Cooling Water Flywheel P.R.P. Power net 170.0 kW Flywheel E.P. Power net 187.0 kW Fuel Cons. at 100% (E.P.) 48.9 l/h Fuel Cons. at 100% (P.R.P) 45.5 l/h Fuel Cons. at 75% (P.R.P.) 38.0 l/h Fuel Cons. at 50% (P.R.P.) 22.7 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class 0il quantity 17.2 l Engine Antifreeze capacity 10.5 l Radiator type TR R Heat from radiator 113.4 kW Heat from exhaust 139.4 kW Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft/2 N N EPA N N	Optional voltage	24	Vdc
Cooling Water Flywheel P.R.P. Power net 170.0 kW Flywheel E.P. Power net 187.0 kW Fuel Cons. at 100% (E.P.) 48.9 l/h Fuel Cons. at 100% (P.R.P) 45.5 l/h Fuel Cons. at 55% (P.R.P.) 38.0 l/h Fuel Cons. at 55% (P.R.P.) 22.7 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class Oil quantity 17.2 l Engine Antifreeze capacity 10.5 l Radiator type TR Heat from radiator 113.4 kW Heat from exhaust 139.4 kW Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N EPA N	Sae	3-11½	
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 55% (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 100%	BMEP	1841	kPa
Flywheel E.P. Power net 187.0 kW Fuel Cons. at 100% (E.P.) 48.9 l/h Fuel Cons. at 100% (P.R.P) 45.5 l/h Fuel Cons. at 75% (P.R.P.) 38.0 l/h Fuel Cons. at 50% (P.R.P.) 22.7 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class 0il quantity 17.2 l Engine Antifreeze capacity 10.5 l Radiator type TR Heat from radiator 113.4 kW Heat from exhaust 139.4 kW Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N TA Luft/2 N EPA N	Cooling	Water	
Fuel Cons. at 100% (E.P.) 48.9 I/h Fuel Cons. at 100% (P.R.P) 45.5 I/h Fuel Cons. at 75% (P.R.P.) 38.0 I/h Fuel Cons. at 50% (P.R.P.) 22.7 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Electronic regulator On request Precision class 0il quantity 17.2 I Engine Antifreeze capacity 10.5 I Radiator type TR T Heat from radiator 113.4 kW Heat from exhaust 139.4 kW Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N TA Luft/2 N EPA N	Flywheel P.R.P. Power net	170.0	kW
Fuel Cons. at 100% (P.R.P.) 45.5 l/h Fuel Cons. at 75% (P.R.P.) 38.0 l/h Fuel Cons. at 50% (P.R.P.) 22.7 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class Precision class Oil quantity 17.2 l Engine Antifreeze capacity 10.5 l Radiator type TR Heat from radiator 113.4 kW Heat from exhaust 139.4 kW Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N TA Luft/2 N EPA N	Flywheel E.P. Power net	187.0	kW
Fuel Cons. at 75% (P.R.P.) 38.0 l/h Fuel Cons. at 50% (P.R.P.) 22.7 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class Oil quantity Oil quantity 17.2 l Engine Antifreeze capacity 10.5 l Radiator type TR Heat from radiator 113.4 kW Heat from exhaust 139.4 kW Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 100% (E.P.)	48.9	l/h
Fuel Cons. at 50% (P.R.P.) 22.7 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class 17.2 l Oil quantity 17.2 l Engine Antifreeze capacity 10.5 l Radiator type TR Heat from radiator 113.4 kW Heat from exhaust 139.4 kW Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 100% (P.R.P)	45.5	l/h
Fuel Cons. at 25% (P.R.P.) Electronic regulator 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 ENA On request On request On request An Inc. On request Inc. On request An Inc. On Fall Inc. On Fall Inc. On Mall Inc. On Mall	Fuel Cons. at 75% (P.R.P.)	38.0	l/h
Electronic regulator On request Precision class Oil quantity 17.2 Engine Antifreeze capacity 10.5 Radiator type TR Heat from radiator 113.4 kW Heat from exhaust 139.4 kW Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 50% (P.R.P.)	22.7	l/h
Precision class Oil quantity Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow TA Luft TA Luft/2 EPA 17.2 I 17.2 I 17.2 I 1.0 I 10.5 I R I 13.4 KW HW Heat from exhaust 139.4 KW Heat from radiation 16.6 EW 20 TR TR Heat from radiator 11.0 I 13.4 EVA N I 13.4 I 13	Fuel Cons. at 25% (P.R.P.)	0.0	l/h
Oil quantity 17.2 Engine Antifreeze capacity 10.5 Radiator type TR Heat from radiator 113.4 kW Heat from exhaust 139.4 kW Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N TA Luft/2 N EPA N	Electronic regulator	On request	
Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA In 10.5 I 10.5 I W AW HW HW HW Heat from radiation 16.6 EW 495 C C O M³/min TA Luft N TA Luft/2 N TA Luft/2 EPA N	Precision class		
Radiator type Heat from radiator Heat from exhaust Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA TR TI TA RW HW HW HW HW HW HW HW HW HW	Oil quantity	17.2	I
Heat from radiator 113.4 kW Heat from exhaust 139.4 kW Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N TA Luft/2 N EPA N	Engine Antifreeze capacity	10.5	1
Heat from exhaust 139.4 kW Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N TA Luft/2 N EPA N	Radiator type	TR	
Heat from radiation 16.6 kW Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiator	113.4	kW
Exhaust temperature 495 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N TA Luft/2 N EPA N	Heat from exhaust	139.4	kW
Portata Raffreddamento 0.0 m³/min Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiation	16.6	kW
Combustion air flow 11.0 m³/min Exhaust gas flow 37.0 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	495	°C
Exhaust gas flow 37.0 m³/min TA Luft N TA Luft/2 N EPA N N	Portata Raffreddamento	0.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	11.0	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	37.0	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage	EPA	N	
	Stage	N	

MAIN DATA	
Continuous power (PRP)	200.00 kVA
Continuous power (PRP)	160.00 kW
Emergency power (E.P.)	225.00 kVA
Emergency power (E.P.)	180.00 kW
VAC - HZ - cos(fi)	208 - 60 - 0.8
Sound pressure 7 m.	81.0 dBA

DIMENSIONS AND WEIGHT	
Width	1150 mm
Length	2944 mm
Height	1870 mm
Weight	1950 kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	UCI274H	
P.R.P. Power	237.5	kVA
E.P. Power	256.3	kVA
Connection	Parallel star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1.0	± %

BASEFRAME	
Model	CK40
Standard tank	280 I
Optional tank	0 1
Oversized tank*	0

CANOPY & SILENCER		
Canopy model	CK40	
Silencer model	MSR/a 80	
Silencer outlet diameter	89.0	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. 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.