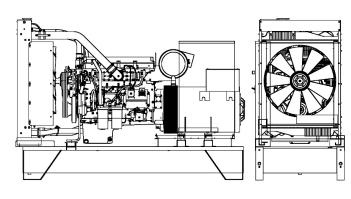


## F 303 B





## **POWERFULL "B"**



For illustrative purposes only

ENGINE         FPT IVECO           Engine model         C10TE1F           Cylinders         6           RPM speed         1500           Cubic capacity         10.00           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         1-14         Head           BMEP         2128         kPa           Cooling         Water         Flywheel P.R.P. Power net         263.0         kW           Flywheel Stand-by Power net         290.0         kW           Fuel Cons. at 100% (L.T.P.)         74.8         l/h           Fuel Cons. at 100% (P.R.P)         64.3         l/h           Fuel Cons. at 50% (P.R.P.)         32.1         l/h           Fuel Cons. at 50% (P.R.P.)         32.1         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Fuel Cons. at 25% (P.R.P.)         32.1         l/h           Fuel Cons. at 25% (P.R.P.)         30.1         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.)         0.0	Tor mustrative purposes only		
Engine model         C10TE1F           Cylinders         6           RPM speed         1500           Cubic capacity         10.00           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         1-14         BMEP         2128         kPa           Cooling         Water         W         W         Flywheel P.R.P. Power net         263.0         kW         Flywheel Stand-by Power net         290.0         kW         Fuel Cons. at 100% (L.T.P.)         74.8         I/h         I/h         Fuel Cons. at 100% (P.R.P.)         64.3         I/h         Fuel Cons. at 75% (P.R.P.)         52.4         I/h         I/h         Fuel Cons. at 50% (P.R.P.)         32.1         I/h         Fuel Cons. at 25% (P.R.P.)         32.1         I/h         Fuel Cons. at 25% (P.R.P.)         32.1         I/h         Fuel Cons. at 25% (P.R.P.)         30.0         I/h         Fuel Cons. at 25% (P.R	ENGINE		
Cylinders         6           RPM speed         1500           Cubic capacity         10.00           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         1-14         BMEP         2128         kPa           Cooling         Water         Flywheel P.R.P. Power net         263.0         kW           Flywheel Stand-by Power net         290.0         kW           Fuel Cons. at 100% (L.T.P.)         74.8         l/h           Fuel Cons. at 100% (P.R.P)         64.3         l/h           Fuel Cons. at 55% (P.R.P.)         32.1         l/h           Fuel Cons. at 55% (P.R.P.)         32.1         l/h           Fuel Cons. at 25% (P.R.P.)         32.1         l/h           Fuel Cons. at 25% (P.R.P.)         30.0         l/h           Electronic regulator         Standard           Precision class         G3         O           Oil quantity         30.0         l           Engine Antifreeze capacity         15.0         l           Reat from radiator         0.0         kW           Heat from radiation         0.0         kW <tr< td=""><td>Description</td><td>FPT IVECO</td><td></td></tr<>	Description	FPT IVECO	
RPM speed       1500         Cubic capacity       10.00       I         Air intake       Turbocharged         Standard voltage       24       Vdc         Optional voltage       Vdc         Sae       1-14       BMEP       2128       kPa         Cooling       Water       Flywheel P.R.P. Power net       263.0       kW         Flywheel Stand-by Power net       290.0       kW         Fuel Cons. at 100% (L.T.P.)       74.8       l/h         Fuel Cons. at 100% (P.R.P)       64.3       l/h         Fuel Cons. at 75% (P.R.P.)       52.4       l/h         Fuel Cons. at 25% (P.R.P.)       32.1       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.)       32.1       l/h         Fuel Cons. at 25% (P.R.P.)       0.0       l/h         Electronic regulator       Standard       Precision class       G3         Oil quantity       30.0       I         Engine Antifreeze capacity       15.0       I         Radiator type       TR         Heat from radiator       0.0       kW         Heat fro	Engine model	C10TE1F	
Cubic capacity         10.00         I           Air intake         Turbocharged         Standard voltage         Vdc           Optional voltage         Vdc         Vdc           Sae         1-14         BMEP         2128         kPa           Cooling         Water         Water         Flywheel P.R.P. Power net         263.0         kW           Flywheel Stand-by Power net         290.0         kW           Fuel Cons. at 100% (L.T.P.)         74.8         l/h           Fuel Cons. at 100% (P.R.P)         64.3         l/h           Fuel Cons. at 75% (P.R.P.)         32.1         l/h           Fuel Cons. at 50% (P.R.P.)         32.1         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Fuel Cons. at 25% (P.R.P.)         30.0         l/h           Fuel Cons. at 25% (P.R.P.)         30.0         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.)         0.0         l/h           Fuel Cons. at 50% (P.R.P.)         32.1         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Electronic regulator	Cylinders	6	
Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         1-14         BMEP         2128         kPa           Cooling         Water         Flywheel P.R.P. Power net         263.0         kW           Flywheel Stand-by Power net         290.0         kW           Fluel Cons. at 100% (L.T.P.)         74.8         l/h           Fuel Cons. at 100% (P.R.P)         64.3         l/h           Fuel Cons. at 75% (P.R.P.)         32.1         l/h           Fuel Cons. at 50% (P.R.P.)         32.1         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Fuel Cons. at 25% (P.R.P.)         30.0         l/h           Fuel Cons. at 25% (P.R.P.)         30.0         l/h           Fuel Cons. at 25% (P.R.P.)         30.0         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 75% (P.R.P.)         32.1         l/h           Fuel Cons. at 75% (P.R.P.)         0.0         l/h           Fuel Cons. at 75% (P.R.P.)         0.0         l/h           Fuel Cons. at 75	RPM speed	1500	
Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         1-14         BMEP         2128         kPa           Cooling         Water         Flywheel P.R.P. Power net         263.0         kW           Flywheel Stand-by Power net         290.0         kW           Fluel Cons. at 100% (L.T.P.)         74.8         l/h           Fuel Cons. at 100% (P.R.P)         64.3         l/h           Fuel Cons. at 75% (P.R.P.)         52.4         l/h           Fuel Cons. at 50% (P.R.P.)         32.1         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Fuel Cons. at 25% (P.R.P.)         32.1         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Fuel Cons. at 25% (P.R.P.)         32.1         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Fuel Cons. at 100% (P.R.P.)         32.1         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h <t< td=""><td>Cubic capacity</td><td>10.00</td><td>I</td></t<>	Cubic capacity	10.00	I
Optional voltage         Vdc           Sae         1-14           BMEP         2128         kPa           Cooling         Water         Flywheel P.R.P. Power net         263.0         kW           Flywheel Stand-by Power net         290.0         kW           Fuel Cons. at 100% (L.T.P.)         74.8         l/h           Fuel Cons. at 100% (P.R.P)         64.3         l/h           Fuel Cons. at 75% (P.R.P.)         52.4         l/h           Fuel Cons. at 50% (P.R.P.)         32.1         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Fuel Cons. at 25% (P.R.P.)         30.0         l/h           Flectronic regulator         Standard           Precision class         G3         OI           Oil quantity         30.0         l           Engine Antifreeze capacity         15.0         l           Radiator type         TR         Heat from radiator         0.0         kW           Heat from radiation         0.0         kW           Heat from radiation         0.0         kW           Exhaust temperature         520         °C           Portata Raffreddamento         0.0         m³/min	Air intake	Turbocharged	
Sae       1-14         BMEP       2128       kPa         Cooling       Water       Flywheel P.R.P. Power net       263.0       kW         Flywheel Stand-by Power net       290.0       kW         Fuel Cons. at 100% (L.T.P.)       74.8       l/h         Fuel Cons. at 100% (P.R.P)       64.3       l/h         Fuel Cons. at 75% (P.R.P.)       52.4       l/h         Fuel Cons. at 50% (P.R.P.)       32.1       l/h         Fuel Cons. at 25% (P.R.P.)       0.0       l/h         Electronic regulator       Standard         Precision class       G3       OI         Oil quantity       30.0       I         Engine Antifreeze capacity       15.0       I         Radiator type       TR       Heat from radiator       0.0       kW         Heat from radiation       0.0       kW         Heat from radiation       0.0       kW         Exhaust temperature       520       °C         Portata Raffreddamento       0.0       m³/min         Combustion air flow       0.0       m³/min         Exhaust gas flow       49.6       m³/min         TA Luft/2       N       N         EPA	Standard voltage	24	Vdc
BMEP       2128       kPa         Cooling       Water       Flywheel P.R.P. Power net       263.0       kW         Flywheel Stand-by Power net       290.0       kW         Fuel Cons. at 100% (L.T.P.)       74.8       l/h         Fuel Cons. at 100% (P.R.P)       64.3       l/h         Fuel Cons. at 75% (P.R.P.)       52.4       l/h         Fuel Cons. at 50% (P.R.P.)       32.1       l/h         Fuel Cons. at 25% (P.R.P.)       0.0       l/h         Electronic regulator       0.0       l/h         Radiator ty	Optional voltage		Vdc
Cooling         Water           Flywheel P.R.P. Power net         263.0 kW           Flywheel Stand-by Power net         290.0 kW           Fuel Cons. at 100% (L.T.P.)         74.8 l/h           Fuel Cons. at 100% (P.R.P)         64.3 l/h           Fuel Cons. at 75% (P.R.P.)         52.4 l/h           Fuel Cons. at 50% (P.R.P.)         32.1 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Electronic regulator         Standard           Precision class         G3           Oil quantity         30.0 l           Engine Antifreeze capacity         15.0 l           Radiator type         TR           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         520 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         49.6 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Sae	1-14	
Flywheel P.R.P. Power net         263.0 kW           Flywheel Stand-by Power net         290.0 kW           Fuel Cons. at 100% (L.T.P.)         74.8 l/h           Fuel Cons. at 100% (P.R.P)         64.3 l/h           Fuel Cons. at 75% (P.R.P.)         52.4 l/h           Fuel Cons. at 50% (P.R.P.)         32.1 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Electronic regulator         Standard           Precision class         G3           Oil quantity         30.0 l           Engine Antifreeze capacity         15.0 l           Radiator type         TR           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         520 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         49.6 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	ВМЕР	2128	kPa
Flywheel Stand-by Power net       290.0 kW         Fuel Cons. at 100% (L.T.P.)       74.8 l/h         Fuel Cons. at 100% (P.R.P)       64.3 l/h         Fuel Cons. at 75% (P.R.P.)       52.4 l/h         Fuel Cons. at 50% (P.R.P.)       32.1 l/h         Fuel Cons. at 25% (P.R.P.)       0.0 l/h         Electronic regulator       Standard         Precision class       G3         Oil quantity       30.0 l         Engine Antifreeze capacity       15.0 l         Radiator type       TR         Heat from radiator       0.0 kW         Heat from exhaust       0.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       520 °C         Portata Raffreddamento       0.0 m³/min         Combustion air flow       0.0 m³/min         Exhaust gas flow       49.6 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Cooling	Water	
Fuel Cons. at 100% (L.T.P.)       74.8       I/h         Fuel Cons. at 100% (P.R.P)       64.3       I/h         Fuel Cons. at 75% (P.R.P.)       52.4       I/h         Fuel Cons. at 50% (P.R.P.)       32.1       I/h         Fuel Cons. at 25% (P.R.P.)       0.0       I/h         Electronic regulator       Standard         Precision class       G3         Oil quantity       30.0       I         Engine Antifreeze capacity       15.0       I         Radiator type       TR       TR         Heat from radiator       0.0       kW         Heat from exhaust       0.0       kW         Heat from radiation       0.0       kW         Exhaust temperature       520       °C         Portata Raffreddamento       0.0       m³/min         Combustion air flow       0.0       m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel P.R.P. Power net	263.0	kW
Fuel Cons. at 100% (P.R.P)       64.3       I/h         Fuel Cons. at 75% (P.R.P.)       52.4       I/h         Fuel Cons. at 50% (P.R.P.)       32.1       I/h         Fuel Cons. at 25% (P.R.P.)       0.0       I/h         Electronic regulator       Standard         Precision class       G3         Oil quantity       30.0       I         Engine Antifreeze capacity       15.0       I         Radiator type       TR       TR         Heat from radiator       0.0       kW         Heat from exhaust       0.0       kW         Heat from radiation       0.0       kW         Exhaust temperature       520       °C         Portata Raffreddamento       0.0       m³/min         Combustion air flow       0.0       m³/min         Exhaust gas flow       49.6       m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel Stand-by Power net	290.0	kW
Fuel Cons. at 75% (P.R.P.)       52.4       I/h         Fuel Cons. at 50% (P.R.P.)       32.1       I/h         Fuel Cons. at 25% (P.R.P.)       0.0       I/h         Electronic regulator       Standard         Precision class       G3         Oil quantity       30.0       I         Engine Antifreeze capacity       15.0       I         Radiator type       TR       Heat from radiator       0.0       kW         Heat from exhaust       0.0       kW         Heat from radiation       0.0       kW         Exhaust temperature       520       °C         Portata Raffreddamento       0.0       m³/min         Combustion air flow       0.0       m³/min         Exhaust gas flow       49.6       m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Fuel Cons. at 100% (L.T.P.)	74.8	l/h
Fuel Cons. at 50% (P.R.P.)       32.1       I/h         Fuel Cons. at 25% (P.R.P.)       0.0       I/h         Electronic regulator       Standard         Precision class       G3         Oil quantity       30.0       I         Engine Antifreeze capacity       15.0       I         Radiator type       TR       TR         Heat from radiator       0.0       kW         Heat from exhaust       0.0       kW         Exhaust temperature       520       °C         Portata Raffreddamento       0.0       m³/min         Combustion air flow       0.0       m³/min         Exhaust gas flow       49.6       m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Fuel Cons. at 100% (P.R.P)	64.3	l/h
Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Electronic regulator         Standard           Precision class         G3           Oil quantity         30.0 l           Engine Antifreeze capacity         15.0 l           Radiator type         TR           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         520 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         49.6 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Fuel Cons. at 75% (P.R.P.)	52.4	l/h
Electronic regulator         Standard           Precision class         G3           Oil quantity         30.0         I           Engine Antifreeze capacity         15.0         I           Radiator type         TR         I           Heat from radiator         0.0         kW           Heat from exhaust         0.0         kW           Heat from radiation         0.0         kW           Exhaust temperature         520         °C           Portata Raffreddamento         0.0         m³/min           Combustion air flow         0.0         m³/min           Exhaust gas flow         49.6         m³/min           TA Luft         N         TA Luft/2           EPA         N         TA Luft/2	Fuel Cons. at 50% (P.R.P.)	32.1	l/h
Precision class         G3           Oil quantity         30.0             Engine Antifreeze capacity         15.0             Radiator type         TR           Heat from radiator         0.0           kW           Heat from exhaust         0.0           kW           Heat from radiation         0.0           kW           Exhaust temperature         520   °C           Portata Raffreddamento         0.0   m³/min           Combustion air flow         0.0   m³/min           Exhaust gas flow         49.6   m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Fuel Cons. at 25% (P.R.P.)	0.0	l/h
Oil quantity         30.0 I           Engine Antifreeze capacity         15.0 I           Radiator type         TR           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         520 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         49.6 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Electronic regulator	Standard	
Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  O.0 kW  Heat from radiation  Exhaust temperature  TO Combustion air flow  TO Combustion air flow  TA Luft  TA Luft/2  EPA  IN  ISSUE OF TR  ISSUE OF TR	Precision class	G3	
Radiator type TR Heat from radiator 0.0 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 520 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 49.6 m³/min TA Luft N TA Luft/2 N EPA N	Oil quantity	30.0	I
Heat from radiator  Heat from exhaust  O.0 kW  Heat from radiation  O.0 kW  Exhaust temperature  520 °C  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  N  WW  WW  WW  WW  WW  WW  AW  AW  AW	Engine Antifreeze capacity	15.0	I
Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 520 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 49.6 m³/min TA Luft N TA Luft/2 N EPA N	Radiator type	TR	
Heat from radiation 0.0 kW  Exhaust temperature 520 °C  Portata Raffreddamento 0.0 m³/min  Combustion air flow 0.0 m³/min  Exhaust gas flow 49.6 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from radiator	0.0	kW
Exhaust temperature 520 °C  Portata Raffreddamento 0.0 m³/min  Combustion air flow 0.0 m³/min  Exhaust gas flow 49.6 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from exhaust	0.0	kW
Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 49.6 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiation	0.0	kW
Combustion air flow 0.0 m³/min Exhaust gas flow 49.6 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	520	°C
Exhaust gas flow 49.6 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	0.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	0.0	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	49.6	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage 3	EPA	N	
	Stage	3	

MAIN DATA	
Continuous power (PRP)	<b>305.00</b> kVA
Continuous power (PRP)	<b>244.00</b> kW
Stand-by power (LTP)	335.00 kVA
Stand-by power (LTP)	<b>268.00</b> kW
VAC - HZ - cos(fi)	400 - 50 - 0.8

DIMENSIONS AND WEIGHT		
Width	1250	mm
Length	3000	mm
Height	1960	mm
Weight	2780	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	S4L1D-D	
P.R.P. Power	310	kVA
L.T.P. Power	340	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1	± %

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

CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 25	
Silencer outlet diameter	114 n	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 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.