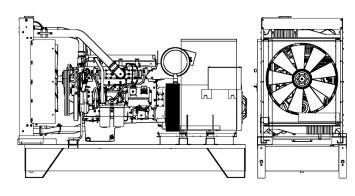


## F 170 B





## **POWERFULL "B"**



Description	For illustrative purposes only		
Engine model         N67TM4           Cylinders         6           RPM speed         1800           Cubic capacity         6.70           Air intake         Turbocharged           Standard voltage         12         Vdc           Optional voltage         24         Vdc           Sae         3-11         BMEP         0         kPa           Cooling         Water         WW         WW         Flywheel P.R.P. Power net         170.0         kW         Flywheel Stand-by Power net         187.0         kW         Fuel Cons. at 100% (L.T.P.)         0.0         l/h         Fuel Cons. at 100% (P.R.P.)         0.0         l/h         Fuel Cons. at 50% (P.R.P.)         0.0         l/h         Fuel Cons. at 50% (P.R.P.)         0.0         l/h         Fuel Cons. at 25% (P.R.P.)         0.0	ENGINE		
Cylinders         6           RPM speed         1800           Cubic capacity         6.70           Air intake         Turbocharged           Standard voltage         12           Optional voltage         24           Sae         3-11           BMEP         0           Cooling         Water           Flywheel P.R.P. Power net         170.0           Flywheel Stand-by Power net         187.0           Fuel Cons. at 100% (L.T.P.)         0.0           Fuel Cons. at 100% (P.R.P)         0.0           Fuel Cons. at 55% (P.R.P.)         0.0           Fuel Cons. at 55% (P.R.P.)         0.0           Fuel Cons. at 25% (P.R.P.)         0.0	Description	FPT IVECO	
RPM speed       1800         Cubic capacity       6.70       I         Air intake       Turbocharged         Standard voltage       12       Vdc         Optional voltage       24       Vdc         Sae       3-11       BMEP       0       kPa         Cooling       Water       Flywheel P.R.P. Power net       170.0       kW         Flywheel Stand-by Power net       187.0       kW         Fuel Cons. at 100% (L.T.P.)       0.0       I/h         Fuel Cons. at 100% (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	Engine model	N67TM4	
Cubic capacity         6.70         I           Air intake         Turbocharged           Standard voltage         12         Vdc           Optional voltage         24         Vdc           Sae         3-11         BMEP         0         kPa           Cooling         Water         Flywheel P.R.P. Power net         170.0         kW           Flywheel P.R.P. Power net         187.0         kW           Fuel Cons. at 100% (L.T.P.)         0.0         I/h           Fuel Cons. at 100% (P.R.P.)         0.0         I/h           Fuel Cons. at 75% (P.R.P.)         0.0         I/h           Fuel Cons. at 25% (P.R.P.)         0.0         I/h           Electronic regulator </td <td>Cylinders</td> <td>6</td> <td></td>	Cylinders	6	
Air intake         Turbocharged           Standard voltage         12 Vdc           Optional voltage         24 Vdc           Sae         3-11           BMEP         0 kPa           Cooling         Water           Flywheel P.R.P. Power net         170.0 kW           Flywheel Stand-by Power net         187.0 kW           Fuel Cons. at 100% (L.T.P.)         0.0 l/h           Fuel Cons. at 100% (P.R.P)         0.0 l/h           Fuel Cons. at 75% (P.R.P.)         0.0 l/h           Fuel Cons. at 50% (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.)         0.0 l/h           Fuel Cons. at 50% (P.R.P.)         0.0 l/h           Fuel Cons. at 50% (P.R.P.)         0.0 l/h           Fuel Cons. at 75% (P.R.P.)         0.0 l/h           Fuel Cons. a	RPM speed	1800	
Standard voltage       12 Vdc         Optional voltage       24 Vdc         Sae       3-11         BMEP       0 kPa         Cooling       Water         Flywheel P.R.P. Power net       170.0 kW         Flywheel Stand-by Power net       187.0 kW         Fuel Cons. at 100% (L.T.P.)       0.0 l/h         Fuel Cons. at 100% (P.R.P)       0.0 l/h         Fuel Cons. at 75% (P.R.P.)       0.0 l/h         Fuel Cons. at 50% (P.R.P.)       0.0 l/h         Fuel Cons. at 25% (P.R.P.)       0.0 l/h         Fuel Cons. at 100% (P.R.P.)       0.0 l/h	Cubic capacity	6.70	I
Optional voltage         24         Vdc           Sae         3-11         BMEP         0         kPa           Cooling         Water         Flywheel P.R.P. Power net         170.0         kW           Flywheel Stand-by Power net         187.0         kW           Flywheel Stand-by Power net         187.0         kW           Fuel Cons. at 100% (L.T.P.)         0.0         l/h           Fuel Cons. at 100% (P.R.P)         0.0         l/h           Fuel Cons. at 50% (P.R.P.)         0.0         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           End Cons. at 25% (P.R.P.)         0.0         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Electronic regulator         0.0         kW </td <td>Air intake</td> <td>Turbocharged</td> <td></td>	Air intake	Turbocharged	
Sae       3-11         BMEP       0 kPa         Cooling       Water         Flywheel P.R.P. Power net       170.0 kW         Flywheel Stand-by Power net       187.0 kW         Fuel Cons. at 100% (L.T.P.)       0.0 l/h         Fuel Cons. at 100% (P.R.P)       0.0 l/h         Fuel Cons. at 75% (P.R.P.)       0.0 l/h         Fuel Cons. at 50% (P.R.P.)       0.0 l/h         Fuel Cons. at 25% (P.R.P.)       0.0 l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       17.2 l         Engine Antifreeze capacity       10.5 l         Radiator type       TR         Heat from radiator       0.0 kW         Heat from exhaust       0.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       0 °C         Portata Raffreddamento       0.0 m³/min         Combustion air flow       0.0 m³/min         Exhaust gas flow       26.5 m³/min         TA Luft       N         EPA       N	Standard voltage	12	Vdc
BMEP         0         kPa           Cooling         Water           Flywheel P.R.P. Power net         170.0         kW           Flywheel Stand-by Power net         187.0         kW           Fuel Cons. at 100% (L.T.P.)         0.0         l/h           Fuel Cons. at 100% (P.R.P)         0.0         l/h           Fuel Cons. at 75% (P.R.P.)         0.0         l/h           Fuel Cons. at 50% (P.R.P.)         0.0         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           End Cons. at 25% (P.R.P.)         0.0         l/h	Optional voltage	24	Vdc
Cooling         Water           Flywheel P.R.P. Power net         170.0 kW           Flywheel Stand-by Power net         187.0 kW           Fuel Cons. at 100% (L.T.P.)         0.0 l/h           Fuel Cons. at 100% (P.R.P)         0.0 l/h           Fuel Cons. at 50% (P.R.P.)         0.0 l/h           Fuel Cons. at 50% (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           Electronic regulator         On request           Precision class         G2           Oil quantity         17.2 l           Engine Antifreeze capacity         10.5 l           Radiator type         TR           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         26.5 m³/min           TA Luft         N           EPA         N	Sae	3-11	
Flywheel P.R.P. Power net         170.0 kW           Flywheel Stand-by Power net         187.0 kW           Fuel Cons. at 100% (L.T.P.)         0.0 l/h           Fuel Cons. at 100% (P.R.P)         0.0 l/h           Fuel Cons. at 75% (P.R.P.)         0.0 l/h           Fuel Cons. at 50% (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           Electronic regulator         On request           Precision class         G2           Oil quantity         17.2 l           Engine Antifreeze capacity         10.5 l           Radiator type         TR           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         26.5 m³/min           TA Luft         N           EPA         N	ВМЕР	0	kPa
Flywheel Stand-by Power net       187.0 kW         Fuel Cons. at 100% (L.T.P.)       0.0 l/h         Fuel Cons. at 100% (P.R.P)       0.0 l/h         Fuel Cons. at 75% (P.R.P.)       0.0 l/h         Fuel Cons. at 50% (P.R.P.)       0.0 l/h         Fuel Cons. at 25% (P.R.P.)       0.0 l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       17.2 l         Engine Antifreeze capacity       10.5 l         Radiator type       TR         Heat from radiator       0.0 kW         Heat from exhaust       0.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       0 °C         Portata Raffreddamento       0.0 m³/min         Combustion air flow       0.0 m³/min         Exhaust gas flow       26.5 m³/min         TA Luft       N         EPA       N	Cooling	Water	
Fuel Cons. at 100% (L.T.P.)       0.0 l/h         Fuel Cons. at 100% (P.R.P)       0.0 l/h         Fuel Cons. at 75% (P.R.P.)       0.0 l/h         Fuel Cons. at 50% (P.R.P.)       0.0 l/h         Fuel Cons. at 25% (P.R.P.)       0.0 l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       17.2 l         Engine Antifreeze capacity       10.5 l         Radiator type       TR         Heat from radiator       0.0 kW         Heat from exhaust       0.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       0 °C         Portata Raffreddamento       0.0 m³/min         Combustion air flow       0.0 m³/min         Exhaust gas flow       26.5 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)       0.0 l/h         Fuel Cons. at 75% (P.R.P.)       0.0 l/h         Fuel Cons. at 50% (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         Electronic regulator       On request         Precision class       G2         Oil quantity       17.2 l         Engine Antifreeze capacity       10.5 l         Radiator type       TR         Heat from radiator       0.0 kW         Heat from exhaust       0.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       0 °C         Portata Raffreddamento       0.0 m³/min         Combustion air flow       0.0 m³/min         Exhaust gas flow       26.5 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel Stand-by Power net	187.0	kW
Fuel Cons. at 75% (P.R.P.)       0.0 l/h         Fuel Cons. at 50% (P.R.P.)       0.0 l/h         Fuel Cons. at 25% (P.R.P.)       0.0 l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       17.2 l         Engine Antifreeze capacity       10.5 l         Radiator type       TR         Heat from radiator       0.0 kW         Heat from exhaust       0.0 kW         Exhaust temperature       0 °C         Portata Raffreddamento       0.0 m³/min         Combustion air flow       0.0 m³/min         Exhaust gas flow       26.5 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Fuel Cons. at 100% (L.T.P.)	0.0	l/h
Fuel Cons. at 50% (P.R.P.)       0.0 l/h         Fuel Cons. at 25% (P.R.P.)       0.0 l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       17.2 l         Engine Antifreeze capacity       10.5 l         Radiator type       TR         Heat from radiator       0.0 kW         Heat from exhaust       0.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       0 °C         Portata Raffreddamento       0.0 m³/min         Combustion air flow       0.0 m³/min         Exhaust gas flow       26.5 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Fuel Cons. at 100% (P.R.P)	0.0	l/h
Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Electronic regulator         On request           Precision class         G2           Oil quantity         17.2 l           Engine Antifreeze capacity         10.5 l           Radiator type         TR           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         26.5 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Fuel Cons. at 75% (P.R.P.)	0.0	l/h
Electronic regulator         On request           Precision class         G2           Oil quantity         17.2           Engine Antifreeze capacity         10.5           Radiator type         TR           Heat from radiator         0.0         kW           Heat from exhaust         0.0         kW           Heat from radiation         0.0         kW           Exhaust temperature         0         °C           Portata Raffreddamento         0.0         m³/min           Combustion air flow         0.0         m³/min           Exhaust gas flow         26.5         m³/min           TA Luft         N         TA Luft/2           EPA         N         TA Luft/2	Fuel Cons. at 50% (P.R.P.)	0.0	l/h
Precision class  G2  Oil quantity  17.2    Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  Heat from radiation  Combustion air flow  TA Luft  TA Luft/2  Precision class  G2  O2  N  17.2    10.5    N  Exhaust temperature  0.0 kW  Exhaust temperature  0 °C  Portata Raffreddamento  0.0 m³/min  26.5 m³/min  TA Luft/2  N  EPA	Fuel Cons. at 25% (P.R.P.)	0.0	l/h
Oil quantity         17.2 I           Engine Antifreeze capacity         10.5 I           Radiator type         TR           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         26.5 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  O.0 kW  Heat from radiation  Exhaust temperature  O °C  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  IN  I 0.5 I  O .0 kW  EW  AW  AW  AW  AW  AW  AW  AW  AW  A	Precision class	G2	
Radiator type TR Heat from radiator 0.0 kW Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 0 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 26.5 m³/min TA Luft N TA Luft/2 N EPA N	Oil quantity	17.2	I
Heat from radiator  Heat from exhaust  O.0 kW  Heat from radiation  O.0 kW  Exhaust temperature  O °C  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  O 0 kW  EXMANDER TO	Engine Antifreeze capacity	10.5	1
Heat from exhaust 0.0 kW Heat from radiation 0.0 kW Exhaust temperature 0 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 26.5 m³/min TA Luft N TA Luft/2 N EPA N	Radiator type	TR	
Heat from radiation 0.0 kW  Exhaust temperature 0 °C  Portata Raffreddamento 0.0 m³/min  Combustion air flow 0.0 m³/min  Exhaust gas flow 26.5 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from radiator	0.0	kW
Exhaust temperature 0 °C  Portata Raffreddamento 0.0 m³/min  Combustion air flow 0.0 m³/min  Exhaust gas flow 26.5 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 26.5 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 26.5 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	0	°C
Exhaust gas flow 26.5 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	26.5	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage N	EPA	N	
	Stage	N	

MAIN DATA	
Continuous power (PRP)	<b>195.00</b> kVA
Continuous power (PRP)	<b>156.00</b> kW
Stand-by power (LTP)	<b>215.00</b> kVA
Stand-by power (LTP)	<b>172.00</b> kW
VAC - HZ - cos(fi)	208 - 60 - 0.8

DIMENSIONS AND WEIGHT		
Width	1100	mm
Length	2440	mm
Height	1790	mm
Weight	1530	kg

ALTERNATOR	
Description	STAMFORD
Alternator model	UCI274G
P.R.P. Power	205 kVA
L.T.P. Power	218.5 kVA
Connection	Parallel star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS440
Precision	1 ± %

BASEFRAME	
Model	T2
Standard tank	520 I
Optional tank	0
Oversized tank*	0

<b>CANOPY &amp; SILENCE</b>	R
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.