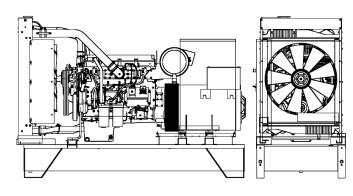


## F 170 B





## **POWERFULL "B"**



ENGINE           Description         FPT IVECO           Engine model         N67TM4           Cylinders         6           RPM speed         1500           Cubic capacity         6.70 I           Air intake         Turbocharged           Standard voltage         12 Vdc           Optional voltage         24 Vdc           Sae         3-11           BMEP         1850 kPa           Cooling         Water           Flywheel P.R.P. Power net         149.7 kW           Flywheel Stand-by Power net         165.0 kW           Fuel Cons. at 100% (L.T.P.)         42.2 l/h           Fuel Cons. at 100% (P.R.P)         36.6 l/h           Fuel Cons. at 50% (P.R.P.)         27.5 l/h           Fuel Cons. at 50% (P.R.P.)         18.0 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Flectronic regulator         On request           Precision class         G2           Oil quantity         17.2 l           Engine Antifreeze capacity         10.5 l           Radiator type         TR           Heat from radiator         87.5 kW           Heat from exhaust         118.0 kW	For illustrative purposes only		
Engine model         N67TM4           Cylinders         6           RPM speed         1500           Cubic capacity         6.70           Air intake         Turbocharged           Standard voltage         12           Vdc         Optional voltage           Sae         3-11           BMEP         1850         kPa           Cooling         Water           Flywheel P.R.P. Power net         149.7         kW           Flywheel Stand-by Power net         165.0         kW           Fuel Cons. at 100% (L.T.P.)         42.2         l/h           Fuel Cons. at 100% (P.R.P)         36.6         l/h           Fuel Cons. at 75% (P.R.P.)         27.5         l/h           Fuel Cons. at 50% (P.R.P.)         18.0         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Fuel Cons. at 25% (P.R.P.)	ENGINE		
Cylinders         6           RPM speed         1500           Cubic capacity         6.70         I           Air intake         Turbocharged         Standard voltage         12         Vdc           Standard voltage         24         Vdc         Vdc         Vdc         Sae         3-11         Sae         Sae         3-11         Sae	Description	FPT IVECO	
RPM speed       1500         Cubic capacity       6.70           Air intake       Turbocharged         Standard voltage       12   Vdc         Optional voltage       24   Vdc         Sae       3-11           BMEP       1850   kPa         Cooling       Water         Flywheel P.R.P. Power net       149.7   kW         Flywheel Stand-by Power net       165.0   kW         Fuel Cons. at 100% (L.T.P.)       42.2   l/h         Fuel Cons. at 100% (P.R.P)       36.6   l/h         Fuel Cons. at 75% (P.R.P.)       27.5   l/h         Fuel Cons. at 50% (P.R.P.)       18.0   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       87.5   kW         Heat from exhaust       118.0   kW	Engine model	N67TM4	
Cubic capacity         6.70         I           Air intake         Turbocharged           Standard voltage         12         Vdc           Optional voltage         24         Vdc           Sae         3-11         BMEP         1850         kPa           Cooling         Water         Flywheel P.R.P. Power net         149.7         kW           Flywheel P.R.P. Power net         165.0         kW           Flywheel Stand-by Power net         165.0         kW           Fuel Cons. at 100% (P.R.P.)         36.6         I/h           Fuel Cons. at 100% (P.R.P.)         36.6         I/h           Fuel Cons. at 75% (P.R.P.)         27.5         I/h           Fuel Cons. at 25% (P.R.P.)         0.0         I/h           Fuel Cons. at	Cylinders	6	
Air intake       Turbocharged         Standard voltage       12 Vdc         Optional voltage       24 Vdc         Sae       3-11         BMEP       1850 kPa         Cooling       Water         Flywheel P.R.P. Power net       149.7 kW         Flywheel Stand-by Power net       165.0 kW         Fuel Cons. at 100% (L.T.P.)       42.2 l/h         Fuel Cons. at 100% (P.R.P)       36.6 l/h         Fuel Cons. at 75% (P.R.P.)       27.5 l/h         Fuel Cons. at 50% (P.R.P.)       18.0 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       87.5 kW         Heat from exhaust       118.0 kW	RPM speed	1500	
Standard voltage         12 Vdc           Optional voltage         24 Vdc           Sae         3-11           BMEP         1850 kPa           Cooling         Water           Flywheel P.R.P. Power net         149.7 kW           Flywheel Stand-by Power net         165.0 kW           Fuel Cons. at 100% (L.T.P.)         42.2 l/h           Fuel Cons. at 100% (P.R.P)         36.6 l/h           Fuel Cons. at 75% (P.R.P.)         27.5 l/h           Fuel Cons. at 50% (P.R.P.)         18.0 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         87.5 kW           Heat from exhaust         118.0 kW	Cubic capacity	6.70	I
Optional voltage         24 Vdc           Sae         3-11           BMEP         1850 kPa           Cooling         Water           Flywheel P.R.P. Power net         149.7 kW           Flywheel Stand-by Power net         165.0 kW           Fuel Cons. at 100% (L.T.P.)         42.2 l/h           Fuel Cons. at 100% (P.R.P)         36.6 l/h           Fuel Cons. at 75% (P.R.P.)         27.5 l/h           Fuel Cons. at 50% (P.R.P.)         18.0 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         87.5 kW           Heat from exhaust         118.0 kW	Air intake	Turbocharged	
Sae       3-11         BMEP       1850 kPa         Cooling       Water         Flywheel P.R.P. Power net       149.7 kW         Flywheel Stand-by Power net       165.0 kW         Fuel Cons. at 100% (L.T.P.)       42.2 l/h         Fuel Cons. at 100% (P.R.P)       36.6 l/h         Fuel Cons. at 75% (P.R.P.)       27.5 l/h         Fuel Cons. at 50% (P.R.P.)       18.0 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       87.5 kW         Heat from exhaust       118.0 kW	Standard voltage	12	Vdc
BMEP       1850 kPa         Cooling       Water         Flywheel P.R.P. Power net       149.7 kW         Flywheel Stand-by Power net       165.0 kW         Fuel Cons. at 100% (L.T.P.)       42.2 l/h         Fuel Cons. at 100% (P.R.P)       36.6 l/h         Fuel Cons. at 75% (P.R.P.)       27.5 l/h         Fuel Cons. at 50% (P.R.P.)       18.0 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       87.5 kW         Heat from exhaust       118.0 kW	Optional voltage	24	Vdc
Cooling         Water           Flywheel P.R.P. Power net         149.7 kW           Flywheel Stand-by Power net         165.0 kW           Fuel Cons. at 100% (L.T.P.)         42.2 l/h           Fuel Cons. at 100% (P.R.P)         36.6 l/h           Fuel Cons. at 75% (P.R.P.)         27.5 l/h           Fuel Cons. at 50% (P.R.P.)         18.0 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Flectronic regulator         On request           Precision class         G2           Oil quantity         17.2 l           Engine Antifreeze capacity         10.5 l           Radiator type         TR           Heat from radiator         87.5 kW           Heat from exhaust         118.0 kW	Sae	3-11	
Flywheel P.R.P. Power net         149.7 kW           Flywheel Stand-by Power net         165.0 kW           Fuel Cons. at 100% (L.T.P.)         42.2 l/h           Fuel Cons. at 100% (P.R.P)         36.6 l/h           Fuel Cons. at 75% (P.R.P.)         27.5 l/h           Fuel Cons. at 50% (P.R.P.)         18.0 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         87.5 kW           Heat from exhaust         118.0 kW	BMEP	1850	kPa
Flywheel Stand-by Power net         165.0 kW           Fuel Cons. at 100% (L.T.P.)         42.2 l/h           Fuel Cons. at 100% (P.R.P)         36.6 l/h           Fuel Cons. at 75% (P.R.P.)         27.5 l/h           Fuel Cons. at 50% (P.R.P.)         18.0 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         87.5 kW           Heat from exhaust         118.0 kW	Cooling	Water	
Fuel Cons. at 100% (L.T.P.)       42.2 I/h         Fuel Cons. at 100% (P.R.P)       36.6 I/h         Fuel Cons. at 75% (P.R.P.)       27.5 I/h         Fuel Cons. at 50% (P.R.P.)       18.0 I/h         Fuel Cons. at 25% (P.R.P.)       0.0 I/h         Electronic regulator       On request         Precision class       G2         Oil quantity       17.2 I         Engine Antifreeze capacity       10.5 I         Radiator type       TR         Heat from radiator       87.5 kW         Heat from exhaust       118.0 kW	Flywheel P.R.P. Power net	149.7	kW
Fuel Cons. at 100% (P.R.P)       36.6 l/h         Fuel Cons. at 75% (P.R.P.)       27.5 l/h         Fuel Cons. at 50% (P.R.P.)       18.0 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       87.5 kW         Heat from exhaust       118.0 kW	Flywheel Stand-by Power net	165.0	kW
Fuel Cons. at 75% (P.R.P.)       27.5 I/h         Fuel Cons. at 50% (P.R.P.)       18.0 I/h         Fuel Cons. at 25% (P.R.P.)       0.0 I/h         Electronic regulator       On request         Precision class       G2         Oil quantity       17.2 I         Engine Antifreeze capacity       10.5 I         Radiator type       TR         Heat from radiator       87.5 kW         Heat from exhaust       118.0 kW	Fuel Cons. at 100% (L.T.P.)	42.2	l/h
Fuel Cons. at 50% (P.R.P.)  Fuel Cons. at 25% (P.R.P.)  Electronic regulator  Precision class  G2  Oil quantity  Engine Antifreeze capacity  Radiator type  Heat from radiator  Heat from exhaust  18.0 I/h  On request  17.2 I  Engine Antifreeze capacity  TR  Heat from radiator  R7.5 kW	Fuel Cons. at 100% (P.R.P)	36.6	l/h
Fuel Cons. at 25% (P.R.P.)  Electronic regulator  On request  Precision class  G2  Oil quantity  17.2    Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  87.5 kW  Heat from exhaust  118.0 kW	Fuel Cons. at 75% (P.R.P.)	27.5	l/h
Electronic regulator On request Precision class G2 Oil quantity 17.2 I Engine Antifreeze capacity 10.5 I Radiator type TR Heat from radiator 87.5 kW Heat from exhaust 118.0 kW	Fuel Cons. at 50% (P.R.P.)	18.0	l/h
Precision class G2 Oil quantity 17.2 I Engine Antifreeze capacity 10.5 I Radiator type TR Heat from radiator 87.5 kW Heat from exhaust 118.0 kW	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 87.5 kW Heat from exhaust 118.0 kW	Electronic regulator	On request	
Engine Antifreeze capacity 10.5 I Radiator type TR Heat from radiator 87.5 kW Heat from exhaust 118.0 kW	Precision class	G2	
Radiator type TR Heat from radiator 87.5 kW Heat from exhaust 118.0 kW	Oil quantity	17.2	I
Heat from radiator 87.5 kW Heat from exhaust 118.0 kW	Engine Antifreeze capacity	10.5	1
Heat from exhaust 118.0 kW	Radiator type	TR	
	Heat from radiator	87.5	kW
11. 16	Heat from exhaust	118.0	kW
Heat from radiation 21.0 kW	Heat from radiation	21.0	kW
Exhaust temperature 497 °C	Exhaust temperature	497	°C
Portata Raffreddamento 228.0 m³/min	Portata Raffreddamento	228.0	m³/min
Combustion air flow 0.0 m³/min	Combustion air flow	0.0	m³/min
Exhaust gas flow 26.5 m³/min	Exhaust gas flow	26.5	m³/min
TA Luft N	TA Luft	N	
TA Luft/2 N	TA Luft/2	N	
EPA N	EPA	N	
Stage N	Stage	N	

MAIN DATA	
Continuous power (PRP)	<b>174.00</b> kVA
Continuous power (PRP)	<b>139.20</b> kW
Stand-by power (LTP)	<b>191.00</b> kVA
Stand-by power (LTP)	<b>152.80</b> kW
VAC - HZ - cos(fi)	415 - 50 - 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	180	kVA
L.T.P. Power	194	kVA
Connection	Series 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 1
Oversized tank*	0

	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.