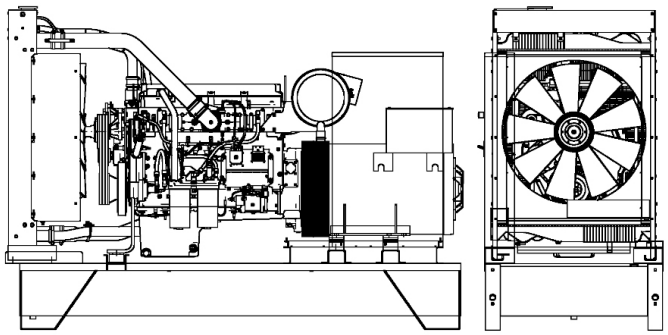
TECHNICAL DATASHEET F 170 B

F 170 B

POWERFULL “B”



For illustrative purposes only

MAIN DATA

Continuous power (PRP)	**160.00**	kVA
Continuous power (PRP)	**128.00**	kW
Stand-by power (LTP)	**175.00**	kVA
Stand-by power (LTP)	**140.00**	kW
VAC - HZ - cos(fi)	**380 - 50 - 0.8**	

ENGINE

Description	FPT IVECO	
Engine model	N67TM4	
Cylinders	6	
RPM speed	1500	
Cubic capacity	6.70	l
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
Heat from radiation	21.0	kW
Exhaust temperature	497	°C
Portata Raffreddamento	228.0	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	
Stage	N	

DIMENSIONS AND WEIGHT

Width	1100	mm
Length	2390	mm
Height	1790	mm
Weight	1480	kg

ALTERNATOR

Description	STAMFORD	
Alternator model	UCI274F	
P.R.P. Power	160	kVA
L.T.P. Power	175	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	l
Optional tank	0	l
Oversized tank*	0	l

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.