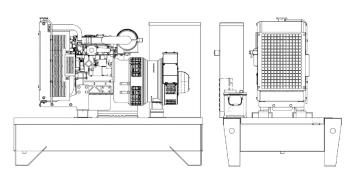


## **TECHNICAL DATASHEET D 41 B**





## **POWERFULL "B"**



For illustrative purposes only

## ENGINE

ENGINE		
Description	DEUTZ	
Engine model	BF4M2011	
Cylinders	4	
RPM speed	1500	
Cubic capacity	3.11	I
Air intake	Turbocharged	
Standard voltage	12	Vdc
Optional voltage	24	Vdc
Sae	3-11	
BMEP	1060	kPa
Cooling	Oil	
Flywheel P.R.P. Power net	37.4	kW
Flywheel Stand-by Power net	39.2	kW
Fuel Cons. at 100% (L.T.P.)	0.0	l/h
Fuel Cons. at 100% (P.R.P)	11.3	l/h
Fuel Cons. at 75% (P.R.P.)	8.1	l/h
Fuel Cons. at 50% (P.R.P.)	5.3	l/h
Fuel Cons. at 25% (P.R.P.)	3.1	l/h
Electronic regulator	On request	
Precision class	G2	
Oil quantity	13.0	1
Engine Antifreeze capacity	0.0	I
Radiator type	TR	
Heat from radiator	23.0	kW
Heat from exhaust	0.0	kW
Heat from radiation	5.0	kW
Exhaust temperature	610	°C
Portata Raffreddamento	39.5	m³/min
Combustion air flow	2.8	m³/min
Exhaust gas flow	7.8	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	2	

MAIN DATA		
Continuous power (PRP)	40.00	kVA
Continuous power (PRP)	32.00	kW
Stand-by power (LTP)	44.00	kVA
Stand-by power (LTP)	35.20	kW
VAC - HZ - cos(fi)	380 - 50 - 0.8	

## **DIMENSIONS AND WEIGHT**

Width	960	mm
Length	1620	mm
Height	1230	mm
Weight	720	kg

ALTERNATOR			
Description	STAMFORD		
Alternator model	PI144J		
P.R.P. Power	40		
L.T.P. Power	45	kVA	
Connection	Series star		
Phases	3FN		
Winding	311		
Terminal Number	12	nr.	
IP Protection	23		
Electronic regulator	AS480		
Precision	1	± %	
BASEFRAME			
Model	T1		
Standard tank	160	I	
Optional tank	0	1	
Oversized tank*	0	I	
CANOPY & SILENCER			
Canopy model	SENZA COFANO		
Silencer model	MS 10		

Si	lence	r outlet d	liameter		

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.

48 mm

**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. Overload must be less than the percentages stated by the Sandard 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.

Visa S.p.A. s.u. is subject to management and coordination of IPG S.p.A., via dei Mercanti 12 - Milano Company registration Office n. 12616930967