TECHNICAL DATASHEET BD 1500 U



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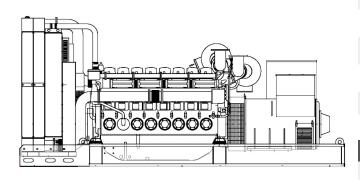




POWERFULL "U"

For illustrative purposes only

ENGINE Description



MAIN DATA Continuous power (PRP) kVA 1500.00 Continuous power (PRP) 1200.00 kW kVA Stand-by power (LTP) 1650.00 Stand-by power (LTP) 1320.00 kW 400 - 50 - 0.8 VAC - HZ - cos(fi)

DIMENSIONS AND WEIGHT

Description	BAUDOUIN		
Engine model	12M33G1650/5		
Cylinders	12		ALTERN
RPM speed	1500		Description
Cubic capacity	39.20	I	Alternator
Air intake	Turbocharged		P.R.P. Powe
Standard voltage	24	Vdc	L.T.P. Powe
Optional voltage		Vdc	Connection
Sae	0-18		Phases
BMEP	2959	kPa	Winding
Cooling	Water		Terminal N
Flywheel P.R.P. Power net	1350.0	kW	IP Protectio
Flywheel Stand-by Power net	1450.0	kW	Electronic r
Fuel Cons. at 100% (L.T.P.)	354.2	l/h	Precision
Fuel Cons. at 100% (P.R.P)	324.0	l/h	BASEFR
Fuel Cons. at 75% (P.R.P.)	234.2	l/h	Model
Fuel Cons. at 50% (P.R.P.)	156.1	l/h	Standard ta
Fuel Cons. at 25% (P.R.P.)	84.0	l/h	Optional ta
Electronic regulator	Standard		Oversized t
Precision class	G3		
Oil quantity	160.0	I	CANOPY
Engine Antifreeze capacity	83.0	I	Canopy mo
Radiator type	TE		Silencer me
Heat from radiator	2242.1	kW	Silencer ou
Heat from exhaust	0.0	kW	Standard referent atmospheric p
Heat from radiation	0.0	kW	distortional. Fu
Exhaust temperature	550	°C	Dimensions, w related attachn
Portata Raffreddamento	1380.0	m³/min	equipment; ar dimensions, pe
Combustion air flow	101.1	m³/min	P.R.P. Prime I supply in conti
Exhaust gas flow	334.9	m³/min	while respectir stated by the M
TA Luft	Ν		and any applica L.T.P. Limited
TA Luft/2	Ν		can supply for environmental
EPA	Ν		of hours per ye
Stage	Ν		

BAUDOUIN

ALTERNATOR		
Description	STAMFORD	
Alternator model	PI734C	
P.R.P. Power	1550	kVA
L.T.P. Power	1660	kVA
Connection	Star	
Phases	3FN	
Winding	312	
Terminal Number	6	nr.
IP Protection	23	
Electronic regulator	MX341	
Precision	1	± %
BASEFRAME		
Model	ST60	
Standard tank	0	I
Optional tank	0	I
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 45	

utlet diameter 219 mm

rence conditions temperature 25°C, altitude 100m asl, relative humidity 30%. pressure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non Fuel consumption is nominal and refers to specific weight 0,850kg/l. Sound refer to free field conditions: the installation site may influence the values, weights and other specifications contained in the technical data sheet and ments are nominal, subject to tolerances and refer to the model with standard ny optional and additional equipment/accessories can modify weight, erformance.

Power-Continuous power at variable load: The power that a genset can tinuous service at a variable load for an unlimited number of hours per year ing the maintenance intervals established in the environmental conditions Manufacturer. according to ISO8528-1. The average power supplied over time cable overload must be less than the percentages stated by the Manufacturer. Ed-time running power-Limited power: The maximum power that a genset or a limited time respecting the maintenance intervals established in the al conditions stated by the Manufacturer according to ISO 8528-1. The number ear 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.

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