TECHNICAL DATASHEET BD 1700 U

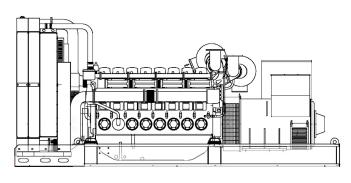


BD 1700 U





POWERFULL "U"



For illustrative purposes only

ENGINE

LINGINE		
Description	BAUDOUIN	
Engine model	16M33G1900/5	
Cylinders	16	
RPM speed	1500	
Cubic capacity	52.30	I
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	0-18	
BMEP	2560	kPa
Cooling	Water	
Flywheel P.R.P. Power net	1530.0	kW
Flywheel E.P. Power net	1650.0	kW
Fuel Cons. at 100% (E.P.)	400.3	l/h
Fuel Cons. at 100% (P.R.P)	358.2	l/h
Fuel Cons. at 75% (P.R.P.)	260.3	l/h
Fuel Cons. at 50% (P.R.P.)	176.2	l/h
Fuel Cons. at 25% (P.R.P.)	97.9	l/h
Electronic regulator	Standard	
Precision class		
Oil quantity	175.0	I
Engine Antifreeze capacity	130.0	1
Radiator type	TE	
Heat from radiator	2579.3	kW
Heat from exhaust	0.0	kW
Heat from radiation	0.0	kW
Exhaust temperature	550	°C
	0.0	
Combustion air flow	110.8	m³/min
Exhaust gas flow	378.0	m³/min
TA Luft	N	
TA Luft/2	Ν	
EPA	N	
Stage	Ν	

MAIN DATA		
Continuous power (PRP)	1750.00	kVA
Continuous power (PRP)	1400.00	kW
Emergency power (E.P.)	1900.00	kVA
Emergency power (E.P.)	1520.00	kW
VAC - HZ - cos(fi)	400 - 50 - 0.8	

DIMENSIONS AND WEIGHT

Width	2220	mm
Length	5400	mm
Height	2700	mm
Weight	11800	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	PI734E	
P.R.P. Power	1900.0	kVA
E.P. Power	2035.0	kVA
Connection	Star	
Phases	3FN	
Winding	312	
Terminal Number	6	nr.
IP Protection	23	
Electronic regulator	MX341	
Precision	1.0	± %
BASEFRAME		
Model	ST60	
Standard tank	0	I
Optional tank	0	I
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	SENZA COFANO	

Canopy model	SENZA COFANO
Silencer model	MS 50
Silencer outlet diameter	273.0 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 IS08528-1. The average power supplied over time and any applicable overload must be less than the percentages stated by the Manufacturer. **E.P. - Emergency power:** This is the maximum power that a generating set can deliver for a limited number of hours per year while complying with the maintenance frequency stipulated under the environmental conditions set by the Manufacturer. The number of hours per year is determined by the engine manufacturer. He average power output over time must be lower than the percentages set by the engine manufacturer. Overloading is not allowed.

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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