

BMG750BL





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Generator Model	Engine brand	Engine Model	Alternator brand	Alternator model	Controller
BMG750BL	Baudouin	6M33G750/5	Nidec Leroy Somer	TAL-A49-B	Datakom D- 300MK3
Prime Power KVA/KW	Standby Power KVA/KW	Power Factor/Phase	Fuel Tank L	Net weight KG	Dimensions mm
680 / 544	750 / 600	0.8/ 3 phase	1000L	7000	4350*1877*2340/

High quality industrial waterproof canopy ensures low noise level 75 DBA (at 7m, 0% load)

Standby: Standby power standby duty, operation under variable load, without overload.

Prime Power: Prime Power Continuous duty operation, under variable load, 10% overloads permissible 1/12hr.











ENGINE TECHNICAL DATA

ENGINE MODEL: BAUDOUIN 6M33G750/5

Speed	Gross En	gine Output	Net Engine Output	
	PRP	ESP	PRP	ESP
RPM	kW	kW	kW	kW
1500	610	670	585	645

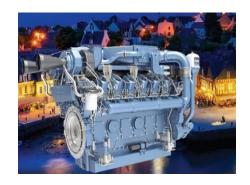
- 1) All ratings are based on operating conditions under ISO 8528-1, ISO 3046, DIN6271. Performance tolerance of ±5%.
- 2) Test conditions: 100 kPa, 25°C air inlet temperature, relative humidity of 30%, with fuel density 0.84 kg/L. Derating may be required for conditions outside these; please contact the factory for details.
- 3) Power output curves are based on the engine operating with fuel system, water pump and lubricating oil pump; not included are battery charging alternator, fan and optional equipment.

BASIC DATA

Engine Model	6M33G750/5		
No. of Cylinders/Valves	6/24		
Bore x Stroke (mm)	150 x 185		
Displacement (L)	19.6		
Governor	Electronic		
Aspiration	Turbocharged and Aftercooled		
Compression Ratio	15.1:1		
Piston Speed (m/s)	9.25		
Air Intake Flow @ ESP (m³/min)	54.6		
Exhaust Flow @ ESP (m³/min)	186.7		
Weight (Kg)	2452		
Cooling fan airflow (m³/min)	783.3		







FUEL CONSUMPTION (L/h)			
100% load PRP	151.1		
75% load PRP	111.1		
50% load PRP	75.5		
LUBRICATION SYSTEM			
Oil pressure in normal condition idle speed (Bar)	>=2		
Lowest oil pressure alarm (shutdown) (Bar)	2		
Max. oil temperature permitted in oil pan (°C)	105		
Total system capacity (including filters) (L)	64		
COOLING SYSTEM			
Coolant alarm (shutdown) temperature (°C)	103		
Thermostat adjusting temperature (°C)	80/82		
Coolant capacity-engine only(L)	44		
FUEL SYSTEM			
Max. restriction at fuel pump inlet (Bar)	0.5		
Fuel supply flow (L/hr)	326		
Max. fuel return restriction (Bar)	0.5		
Max. fuel inlet temperature (°C)	50		
ELECTRIC SYSTEM			
Battery charger current (A)	55		
Starter power (kW)	10		

ALTERNATOR TECHNICAL DATA



Brand	LEROY SOMER		
Model	TAL-A49-B		
Power	750 KVA		
Number of Poles	4		
Connection type (standard)	Star-series		
Insulation	Class H		
Protection class (according IEC-34-5)	IP23		
Exciter system	Self-excited, brushless		
Voltage regulator	A.V.R. (Electronic)		
Bracket type	Single bearing		

GENSET CONTROLLER DATAKOM D-300MK3

Auto/Start/Stop Control

Emergency Stop Pushbutton/ Alarm

Engine Cool Down Timer

Warm - up Timer

Load Switching Timer

Engine Cycle Crank

Operating Hours

3 Phase Generator Voltage Sensing & Mon



3 Phase Generator Voltage Sensing & Monitoring **Current Protection & Monitoring** Power Measurement (kW, kVA, kVAr, kWh, kVAh, pf) **Indications** Frequency Monitoring (Hz) Oil Pressure/Coolant Temperature/Fuel Level Monitoring Battery Voltage Monitoring (DC) Alarm (Acknowledge) Generator Over/Under Voltage & Frequency Crank Disconnect (Failure to Start) **Under/Over Speed Over Current** Warning & Shutdown **Alarms** Low oil pressure High Water Temperature Low Fuel Level Low Water Level

IP 65 (if ordered with gasket)

Basic Scheduler

Features 8 - 35V DC Supply

Digital Inputs(4) - Outputs(4 MPU/6 CAN)

Event Log (5 shutdowns)

Disclaimer: In line with continuous product development, we reserve the right to change specifications without notice.





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