TECHNICAL DATASHEET

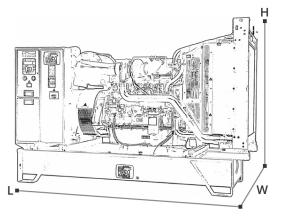


POWERFULL - JD 180 B





POWERFULL "B"



For illustrative purposes only

ENGINE		
Engine brand	JOHN DEERE	
Engine model	6068HF258	
Cylinders	6	
Speed	1500	r.p.m.
Cubic capacity	6.80	I
Air intake	Turbocharged	
Standard voltage	12	Vdc
Optional voltage	24	Vdc
Sae	3-11½	
ВМЕР	1956	kPa
Cooling	Water	
Flywheel P.R.P. Power	160.0	kW
Flywheel Stand-by Power	177.0	kW
Fuel Cons. at 100% (L.T.P.)	45.2	l/h
Fuel Cons. at 100% (P.R.P)	40.8	l/h
Fuel Cons. at 75% (P.R.P.)	31.3	l/h
Fuel Cons. at 50% (P.R.P.)	20.5	l/h
Fuel Cons. at 25% (P.R.P.)	10.7	l/h
Electronic regulator	On request	
Precision class	А	
Oil quantity	32.0	I
Engine Antifreeze capacity	0.0	I
Radiator type	Tropical	
Heat from radiator	0.0	kW
Heat from exhaust	0.0	kW
Heat from radiation	0.0	kW
Exhaust temperature	590	°C
Cooling air flow	198.00	m³/min
Combustion air flow	10.70	m³/min
Exhaust gas flow	30.30	m³/min
TA Luft	Standard	
TA Luft/2	Not available	
EPA	Not available	
Stage	Not available	

MAIN DATA	
Continuous power (PRP)	180.0 (kVA)
Continuous power (PRP)	144.0 (kW)
Stand-by power (LTP)	198.0 (kVA)
Stand-by power (LTP)	158.4 (kW)
Voltage • Frequency • Power Factor	380V •50Hz • 0.8 cosφ
Sound pressure 7 m.	0.0 dBA
DIMENSIONS AND WEIGHT	

DIMENSIONS AND WEIGHT		
Width	1116	mm
Length	2455	mm
Height	1782	mm
Weight	1690	kg

ALTERNATOR		
Alternator brand	MARELLI	
Alternator model	MJB250MB4	
P.R.P. Power	185.0	kVA
L.T.P. Power	205.0	kVA
Connection	Series star	
Phases	3PH+N	
Winding	12 terminals 50-60Hz Winding M0	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	M16FA655A	
Precision	0.5	± %
BASEFRAME		
Model	T2	

DASEFRAME	
Model	T2
Standard tank	520 I
Optional tank	0
Oversized tank*	0

CANOPY & SILENCER	
Canopy model	SENZA COFANO
Silencer model	MS 20
Silencer outlet diameter	89.0 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 stable in continuous power as variable load:

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. LT.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.