TECHNICAL DATASHEET P 231 B

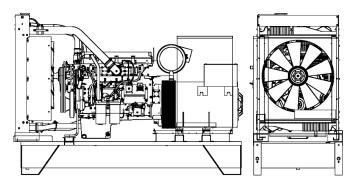


P 231 B





POWERFULL "B"



MAIN DATA	
Continuous power (PRP)	227.00 kVA
Continuous power (PRP)	181.60 kW
Emergency power (E.P.)	250.00 kVA
Emergency power (E.P.)	200.00 kW
VAC - HZ - cos(fi)	208 - 60 - 0.8

DIMENSIONS AND WEIGHT

For illustrative purposes only

ENGINE

Description	PERKINS	
Engine model	1106D-E70TAG5	
Cylinders	6	
RPM speed	1800	
Cubic capacity	6.60	I
Air intake	Turbocharged	
Standard voltage	12	Vdc
Optional voltage		Vdc
Sae	2-111/2	
BMEP	2010	kPa
Cooling	Water	
Flywheel P.R.P. Power net	203.0	kW
Flywheel E.P. Power net	226.6	kW
Fuel Cons. at 100% (E.P.)	59.1	l/h
Fuel Cons. at 100% (P.R.P)	54.4	l/h
Fuel Cons. at 75% (P.R.P.)	43.5	l/h
Fuel Cons. at 50% (P.R.P.)	29.5	l/h
Fuel Cons. at 25% (P.R.P.)	16.0	l/h
Electronic regulator	Standard	
Precision class	G2	
Oil quantity	17.5	1
Engine Antifreeze capacity	7.0	1
Radiator type	TR	
Heat from radiator	139.3	kW
Heat from exhaust	181.2	kW
Heat from radiation	35.2	kW
Exhaust temperature	574	°C
Portata Raffreddamento	416.0	m³/min
Combustion air flow	16.9	m³/min
Exhaust gas flow	38.3	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	Ν	

ALTERNATOR			
Description	STAMFORD		
Alternator model	UCI274H		
P.R.P. Power	237.5	kVA	
E.P. Power	256.3	kVA	
Connection	Parallel star		
Phases	3FN		
Winding	311		
Terminal Number	12	nr.	
IP Protection	23		
Electronic regulator	AS440		
Precision	1.0	± %	
BASEFRAME			
Model	Т3		
Standard tank	900	I	
Optional tank	0	I	
Oversized tank*	0	I	
CANOPY & SILENCER			
Canopy model	SENZA COFANO		
Silencer model	MS 30		
Silencer outlet diameter	140.0	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.			

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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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