Main Technical Parameters

Naturally aspirated Naturally aspirated Aspiration Naturally aspirated Displacement(L) 1.1		0P11VDE1
Displacement(L)	Туре	3B11XD51
Bore(mm)xStrake(mm)		
Dower(kM)/Speed(r/min) 13.2/1800 Torque(N-m)/Speed(r/min)		
Torque(N-m)/Speed(r/min)		
Fuel Injection System		13.2/1800
Fuel consume rate (g/kW-h)		
Noise dB(A)	Fuel Injection System	
Emission level EURO V Weight (kg)		
Weight (kg)	Noise dB(A)	
Dimensions (mm)	Emission level	EURO V
Type	Weight (kg)	110
In-line, water cooled, 4-stroke, direct injection ring-like platform combustion	Dimensions (mm)	530X390X590
Speed [min-1] 1800		
Speed [min-1] 1800	T	In-line, water cooled, 4-stroke, direct
Speed Spee	Type	
Exhaust emission standard General Aspiration No. of cylinders Compression ratio Rotation (looking at flywheel) No. of teeth on flywheel ring gear Governing standards Speed droop (static) mech. gov. Speed droop (static) electr. gov. (EMR/GAC) Lubrication system Oil specification Oil pan capacity Oil pan capacity Fan reduction Net flywheel Electrical output Fuel consumption Silvation Silvation Fuel consumption Coloin gystem Fuel consumption Coloin gystem Fuel consumption Coloin gystem Fuel consumption Silvation S	Speed [min-1	
Aspiration Naturally aspirated		
Aspiration Naturally aspirated No. of cylinders 3 Rotation (looking at flywheel) Counter clockwise No. of teeth on flywheel ring gear 100 Governing standards Speed droop (static) mech. gov. [%] Speed droop (static) electr. gov. (EMR/GAC) (%] Speed droo		
No. of cylinders Compression ratio Rotation (looking at flywheel) No. of teeth on flywheel ring gear Governing standards Speed droop (static) mech. gov. Speed droop (static) electr. gov. (EMR/GAC) S		Naturally aspirated
Compression ratio Rotation (looking at flywheel) No. of teeth on flywheel ring gear Governing standards Speed droop (static) mech. gov. [%] - Speed droop (static) electr. gov. (EMR/GAC) [%] 5 Lubrication system Oil specification Oil consumption (as % of fuel consumption) Oil pan capacity Fan reduction Net flywheel [kW] 0.38 Net flywheel [kW] 12.1 Electrical output Fuel System Fuel consumption 25% load [g/kWh] 50% load [g/kWh] 75% load [g/kWh] 75% load [g/kWh] 100% load [g/kWh] Cooling System General engine cooling data Max. perm. coolant outlet temperature [°C] Coolant capacity (engine) [I] 1.335 [Lectrical System [m3/h] Air pressure loss [bar] - Electrical System [m3/h] Air pressure loss [bar] - Electrical System [VI] 12 Starter [kW] 1.4		
Rotation (looking at flywheel) No. of teeth on flywheel ring gear Governing standards Speed droop (static) mech. gov. [%] - Speed droop (static) electr. gov. (EMR/GAC) [%] 5 Lubrication system Oil specification		
No. of teeth on flywheel ring gear Governing standards Speed droop (static) mech. gov. [%] - Speed droop (static) electr. gov. (EMR/GAC) [%] 5 Lubrication system Oil specification		
Governing standards Speed droop (static) mech. gov. [%] - Speed droop (static) electr. gov. (EMR/GAC) [%] 5 Lubrication system Oil specification CF Oil consumption (as % of fuel consumption) 0.5 Oil pan capacity [i] 4 Output Fan reduction [kW] 0.38 Net flywheel [kW] 12.1 Electrical output [kVA] Fuel System Fuel consumption 25% load [g/kWh] 50% load [g/kWh] 75% load [g/kWh] 100% load [g/kWh] Cooling System General engine cooling data Max. perm. coolant outlet temperature [°C] 95 [Coolant capacity (incl. cooling unit) [i] Air to boil (max. permissible cool. air temp. at fan) [°C] Cooling air flow [m3/h] Air pressure loss [bar] - Electrical [kW] 1.4		
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Speed droop (static) electr. gov. (EMR/GAC) [%] 5 Lubrication system Oil specification Oil consumption (as % of fuel consumption) Oil pan capacity [I] 4 Output Fan reduction Net flywheel Electrical output Fuel System Fuel consumption 25% load [g/kWh] 50% load [g/kWh] 50% load [g/kWh] T5% load [g/kWh] Cooling System General engine cooling data Max. perm. coolant outlet temperature Coolant capacity (incl. cooling unit) Air to boil (max. permissible cool. air temp. at fan) Fuel costarter Electrical system [bar] Cooling air flow Fuel System Fuel consumption Fuel		_
CF Oil specification		<u>-</u> Γ
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Tooling System General engine cooling data Max. perm. coolant outlet temperature [°C] 95 Coolant capacity (engine) Coolant capacity (incl. cooling unit) Air to boil (max. permissible cool. air temp. at fan) Cooling air flow [m3/h] Air pressure loss [bar] - Electrical System Voltage [V] 12 Starter [kW] 1.4		
Cooling System General engine cooling data Max. perm. coolant outlet temperature [°C] 95 Coolant capacity (engine) [I] 1.335 Coolant capacity (incl. cooling unit) [I] Air to boil (max. permissible cool. air temp. at fan) [°C] Cooling air flow [m3/h] Air pressure loss [bar] - Electrical System Voltage [V] 12 Starter [kW] 1.4		
General engine cooling data Max. perm. coolant outlet temperature [°C] 95 Coolant capacity (engine) [I] 1.335 Coolant capacity (incl. cooling unit) [I] Air to boil (max. permissible cool. air temp. at fan) [°C] Cooling air flow [m3/h] Air pressure loss [bar] - Electrical System Voltage [V] 12 Starter [kW] 1.4		
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Coolant capacity (incl. cooling unit) [I] Air to boil (max. permissible cool. air temp. at fan) [°C] Cooling air flow [m3/h] Air pressure loss [bar] - Electrical System Voltage [V] 12 Starter [kW] 1.4		
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Cooling air flow [m3/h] Air pressure loss [bar] - Electrical System Voltage [V] 12 Starter [kW] 1.4		
Air pressure loss [bar] - Electrical System Voltage [V] 12 Starter [kW] 1.4		
Electrical SystemVoltage[V] 12Starter[kW] 1.4		
Voltage[V] 12Starter[kW] 1.4		-
Starter [kW] 1.4		
Alternator output [A] 35		
	Alternator output [A]	35