

ENGINE SPECIFICATIONS

Engine Model	1106C-E66TAG4		
Manufacturer	PERKINS		
Number of cylinders	6	cycle	four stroke
Air intake way	Turbocharged	Bore(mm)	105
Stroke (mm)	127	Compression ratio	16.2:1
Cubic capacity (L)	6.6	Engine weight, dry (kg)	788

GENERAL INSTALLATION

Engine rated speed (rpm)	1500	Exhaust gas temperature outlet (max) (°C)	480
Gross engine power-prime (kw)	163.3	Gross engine power-Standby (kw)	180.4
Brakes mean effective pressure (kPa)	1981	Mean piston speed (m/s)	180
Engine coolant flow (L/min)	140	Combustion air flow (m3/min)	11.3
Exhaust gas flow (max) (m3/min)	29.4		

LUBRICATION SYSTEM

Lubricating oil capacity	Max. Sump capacity(L)	15.5
	Total system (L)	16.5
	Min. Sump capacity(L)	12.5
Maximum engine operating angles-front up/front down/right side or left side		25°
Lubricating oil pressure	Minimum oil pressure (kPa)	/
	Normal oil temperature (°C)	125
	Max. No-load speed(kPa)	N/A

FUEL SYSTEM

Type of injection	Electronic
Fuel injection pump	CR200
Injection pressure(MPa)	24.7
Fuel flow(L/m)	1.5

FUEL LIFT PUMP

Type	Manual/Electronic
Delivery/hour(L)	N/A
Pressure (kPa)	N/A
Maximum suction head(kPa)	30
Maximum static pressure head (kPa)	600
Governor type	Electronic

FUEL CONSUMPTION

Standby power (L/h)	44	100% prime power(L/h)	40.2
75% prime power (L/h)	31	50% prime power (L/h)	20.5

EXHAUST SYSTEM

Maximum back pressure (kPa)	10
Exhaust outlet, internal diameter(mm)	90

Note :

Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
without notice!