

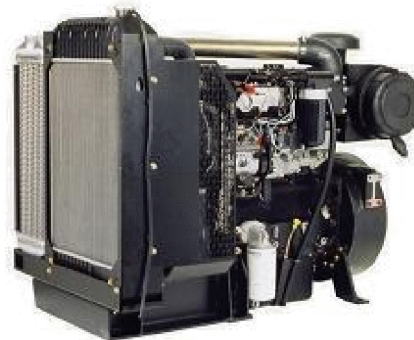


TECHNICAL DATA SHEET

PERKINS - 1104C-44TAG2 (rev. 000)

ENGINE

Brand: PERKINS
Model: 1104C-44TAG2
No. Cylinders: 4
Cubic capacity: 4,4 l
Air intake: Turbocharged
Cooling: Water
Flywheel net power: 89 kW
Fuel Cons. at 100% (L.T.P.): 24,9 l/h
Fuel Cons. at 100% (P.R.P.): 22,6 l/h
Fuel Cons. at 75% (P.R.P.): 17,1 l/h
Fuel Cons. at 50% (P.R.P.): 11,2 l/h
Fuel Cons. at 25% (P.R.P.): N/A



Cont. power (P.R.P.): 100 kVA
S-by power (L.T.P.): 110 kVA
BMEP: 1702 kPa
Speed: 1500 rpm
Sae: 3-11½
TA Luft: Not available
TA Luft/2: Not available
EPA: non presente
Stage:
Electronic Reg.: Standard
Precision Class: G3
Weight: 500 kg

Oil q.ty: 8 l
Antifreeze q.ty: 7 l
Antifreeze rad. q.ty: 5,6 l
Antifreeze total q.ty: 12,6 l
Heat to radiator: 46,1 kW
Heat to exhaust: 71,7 kW
Heat to radiation: 6,8 kW
Exhaust temperature: 514 °C
Cooling air flow: 165,6 m³/min
Combustion air flow: 6,01 m³/min
Exhaust gas flow: 15,2 m³/min