Limbach Flugmotoren

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Limbach Flugmotoren L 2400 DT.X - turbocharged

Four cylinder, horizontally opposed engine, with liquid cooled cylinderheads, electronic fuel injection and dual (DT only) ignition system, automatic altitude compensation, wet sump pressure lubrication

- Maximum Power*: 118 kW / 160 HP at 3000 rpm
- Bore: 97 mm / 3.82 inch
- Stroke: 82 mm / 3.23 inch
- Displacement: 2424 cm³ / 147.91 cub. in.
- Compression ratio: 8:1
- Ignition: Electronic engine management
- Spark plugs: NGK DCPR 7 E
- Electrode spacing: 0.7 mm
- Firing Order: 1 - 3 - 2 - 4
- Firing point: variable, memory mapped
- Injectors: 4 x Weber
- Fuel min. octane: 98 RON (Unleaded) / AVGAS 100 LL
- Air cleaner: LIMBACH
- Fuel pump: 2 x electric 2.5 bar
- Starter with solenoid: 12 V - 1.0 kW
- Generator: 14 V - 33/55 A
- Oil pressure: max. 7 bar; min. 1 bar at 2500 rpm
- Oil temperature: max. 120 °C; min. 50 °C
- Oil capacity: 3.5 Itrs
- Coolant temperature: max. 110 °C
- Coolant capacity: approx. 3 Itrs
- Ignition: Electric engine management
- Spark plugs: NGK DCPR 7 E
- Electrode spacing: 0.7 mm
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Fuel consumption*: 255 g/kWh at WOT

240 g/kWh at part throttle

Certificate: not certified