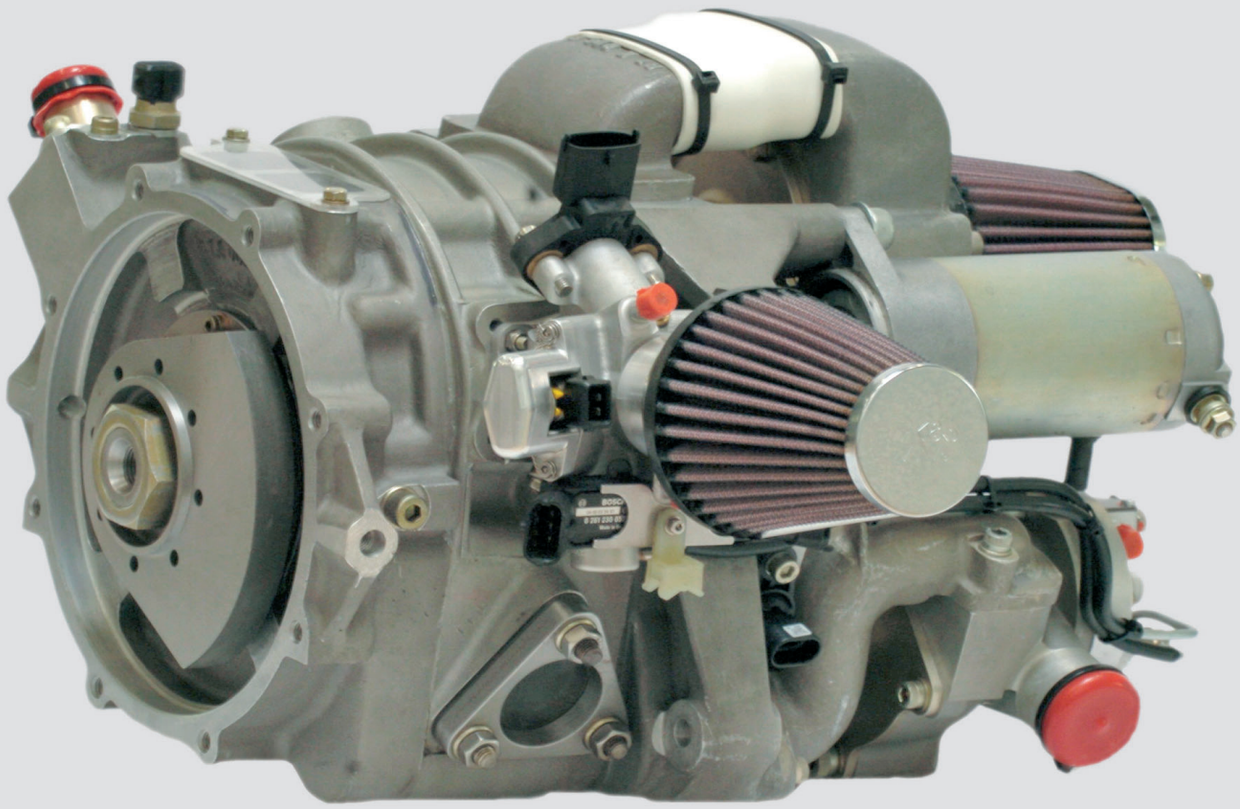
Diamond ENGINES

# IAE 75R
## FACTSHEET



# IAE 75R

## FACTSHEET

### General

404cc single rotary engine with liquid cooling plus forced air cooling for the rotor core. Lubrication via metered oil pump directly to main bearing and rotor tips.

Partial oil-recovery, FADEC. Twins spark plugs, twins injection, 14 volt 40 amp alternator. Electric starter.

### Specification

| | |
|---|---|
| **Fuel** | AvGas 100LL or ROZ 95 Unleaded |
| **Engine Oil** | approved synthetic |
| **Coolant** | 50% glycol, water |
| **Ignition Unit** | FADEC |
| **Ignition Timing** | Fixed non-adjustable |
| **Spark Plug** | Surface discharge |
| **Alternator** | 14 volt / 40 amp |

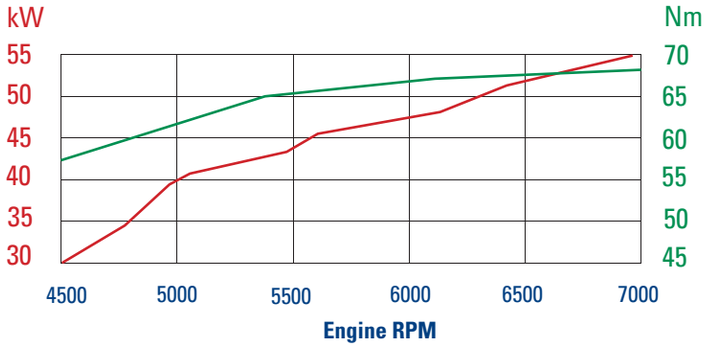
### Performance

| | Performance at sea level | | | Torque | |
|---|---|---|---|---|---|
| | kW | HP | RPM | Nm | RPM |
| IAE 75R | 55 | 75 | 7000 | 70 | 7000 |

### Weight

| Weight | KG |
|---|---|
| Engine | 28 |
| Ingnitions units | 0.9 |
| Radiator | 1.9 |
| Typical coolant in radiator, hoses and engine casing | 4.8 |

### Torque/Power Curve




Specification may change without notice. Status: April 1, 2005

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