



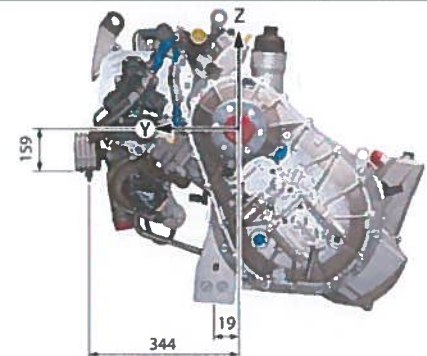
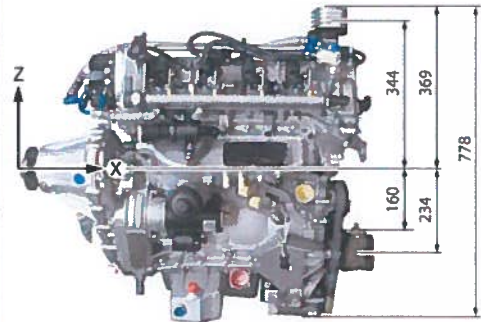
# Flugmotor Aircraft Engine

## CD-135

### Beschreibung Description

4-Zylinderreihenmotor nach Dieselprinzip, DOHC, 4 Ventile pro Zylinder, Common-Rail-Direkteinspritzung, Turbolader und Flüssigkeitskühlung, FADEC, Nasssumpf und Reduktionsgetriebe (ratio  $i = 1:1,69$ )

*4-cylinder, in-line diesel cycle engine, DOHC, 4 valves per cylinder, common rail direct injection, system turbo charged, liquid cooled, FADEC, wet sump oil system and reduction gear (ratio  $i = 1:1.69$ )*



| Ausführung<br>Version | Drehzahl<br>RPM | Leistung<br>Performance |     | Drehmoment<br>Torque |         |
|-----------------------|-----------------|-------------------------|-----|----------------------|---------|
| TAE 125-02-99         | 1/min           | kW                      | hp  | Nm                   | ft.lbf. |
| Max. & Take Off       | 2300            | 99                      | 135 | 410                  | 302     |
| Best Economy          | 2000            | 71                      | 97  | 340                  | 250     |

| Verdichtung<br>Compression | Hubraum<br>Displacement |        | Hub<br>Stroke |      | Bohrung<br>Bore |      |
|----------------------------|-------------------------|--------|---------------|------|-----------------|------|
| Ratio                      | cm <sup>3</sup>         | cu.in. | mm            | in.  | mm              | in.  |
| 18:1                       | 1991                    | 121.5  | 92            | 3.62 | 83              | 3.26 |

| Spannung<br>Voltage | Generatorleistung<br>Alternator performance | Stromstärke<br>Current |
|---------------------|---|------------------------|
| 14 V                | 1260 W                                      | 90 A                   |
| 28 V                | 1680 W                                      | 60 A                   |

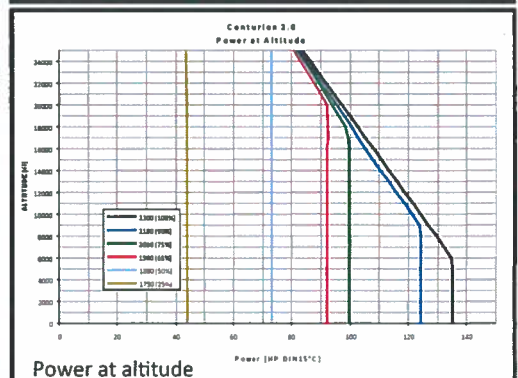
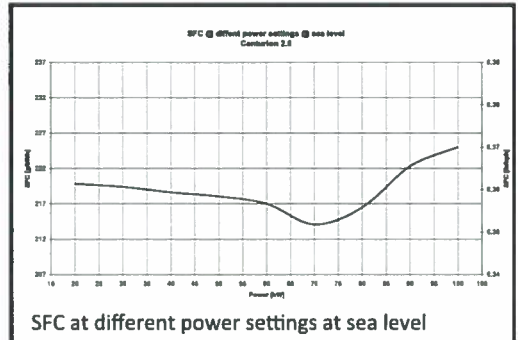
|                                   |   |
|-----------------------------------|---|
| Treibstoff / Fuel                 | Diesel (EN 590), Jet A, Jet A-1   |
| Öl / Oil                          | AeroShell Oil Diesel Ultra 5W-30<br>Shell Helix Ultra 5W30 & Helix Ultra 5W-40<br>AeroShell Oil Diesel 10W-40 |
| Kühlflüssigkeit<br>Cooling liquid | 50% Wasser; 50% BASF Glysantin; G48/<br>Glysantin; Protect Plus; Protect G05                                  |
| Getriebeöl / Gear oil             | CD Gearbox Oil N1   |

| Lieferumfang<br>Scope of supply   | Gewicht<br>Weight |            |
|---|-------------------|------------|
| Motor komplett und trocken einschließlich Getriebe<br>Engine complete and dry incl. gearbox | 134 kg            | 294.4 lbs. |
| Anzeigeninstrumente / Compact engine displays   | 0,3 kg            | 0.66 lbs.  |

### Zertifizierung Certification

Dieser Flugmotor entspricht den Lufttüchtigkeitsanforderungen nach CS-E und FAR-33. Vor Inbetriebnahme des Motors ist das Handbuch zu lesen. Informationen erhalten Sie bei der Technify Motors GmbH.

*This aircraft engine complies with the CS-E and FAR-33. Before operating the engine read operation manual. Information available from Technify Motors GmbH.*

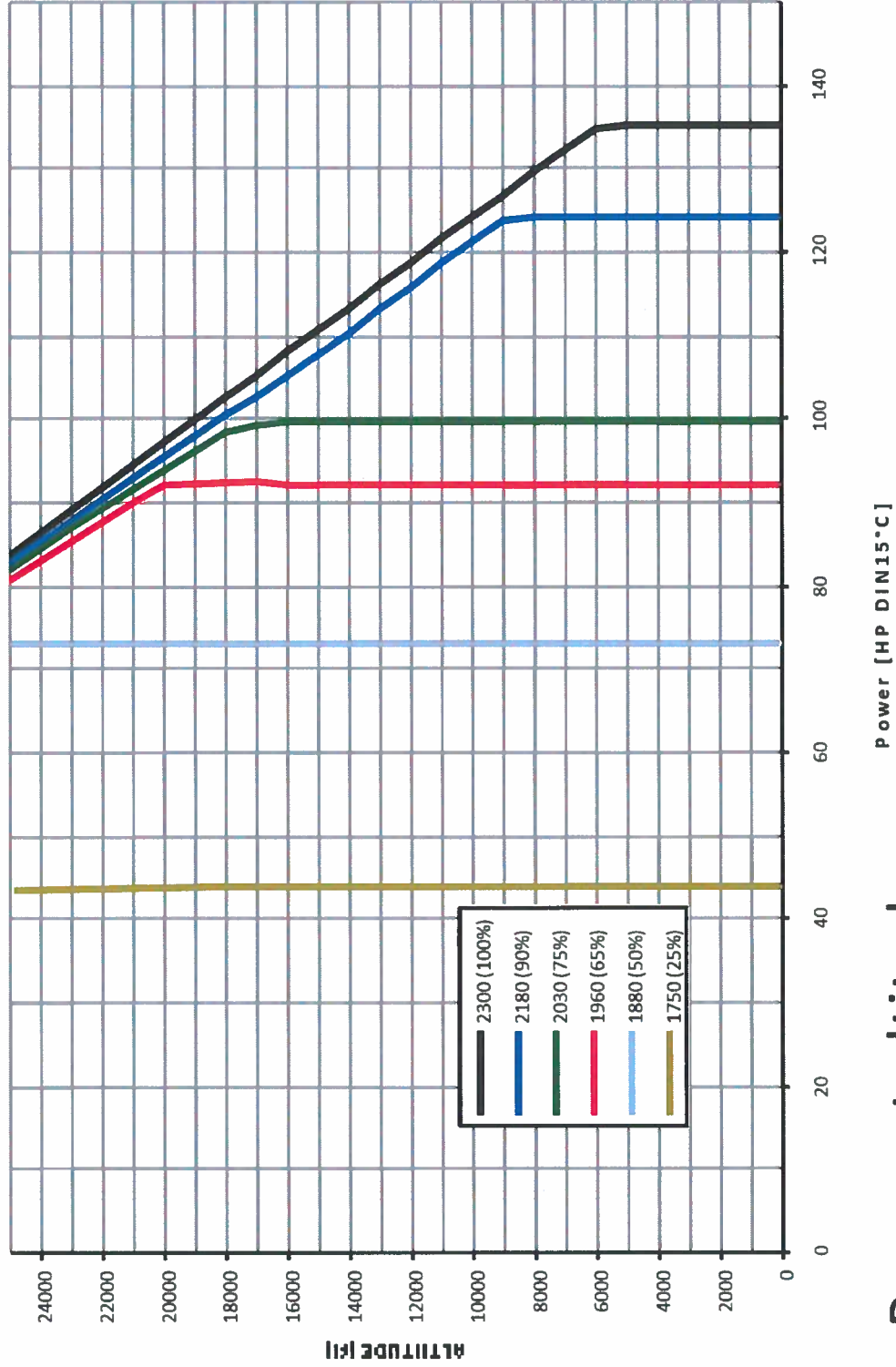


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Zur Information – Kein Änderungsdienst / For information only – no revision service!

# Centurion 2.0 Power at Altitude



# Power at altitude