

JMB T200 Data sheet

<i>Engine type:</i>	<i>Single shaft reverse flow turbojet engine</i>
<i>Compressor :</i>	<i>Single stage radial compressor Al A355 alloy</i>
<i>Turbine:</i>	<i>Single stage radial inflow Inconel 713C super alloy</i>
<i>Bearings:</i>	<i>Full balls hybrid high speed bearings</i>
<i>Thrust min-max :</i>	6 N at idle 198 N at full thottle
<i>RPM</i>	<i>33000 rpm idle - 121000 full trh</i>
<i>EGT :</i>	<i>450 °C idle 700°C full trh</i>
<i>Compression ratio:</i>	<i>2.77</i>
<i>Consumption idle-full :</i>	<i>95 ml/min - 645 ml/min</i>
<i>Massflow:</i>	<i>0.43 Kg/sec</i>

Dimensions:

<i>Outside diam:</i>	<i>134 mm</i>
<i>Total lenght:</i>	<i>328 mm</i>
<i>Weight:</i>	<i>2.1 Kg with starter</i>

Others features:

<i>Fuel:</i>	<i>Kerosene, Jet A1, JP4, Diesel</i>
<i>Lubrication:</i>	<i>forced with 4% turbine oil into fuel</i>
<i>Control:</i>	<i>Projet</i>
<i>Ignition:</i>	<i>Propane or Kerostart</i>
<i>Acceleration:</i>	<i>4 sec from idle to full</i>
<i>Deceleration:</i>	<i>3.5sec from full to idle</i>
<i>Operating temp:</i>	<i>-5°C +40°C</i>
<i>Noise level:</i>	<i>140 dB at full trh</i>
<i>TBO:</i>	<i>25 h</i>

N.B.: ALL DATA ACCORDING ISA CONDITIONS