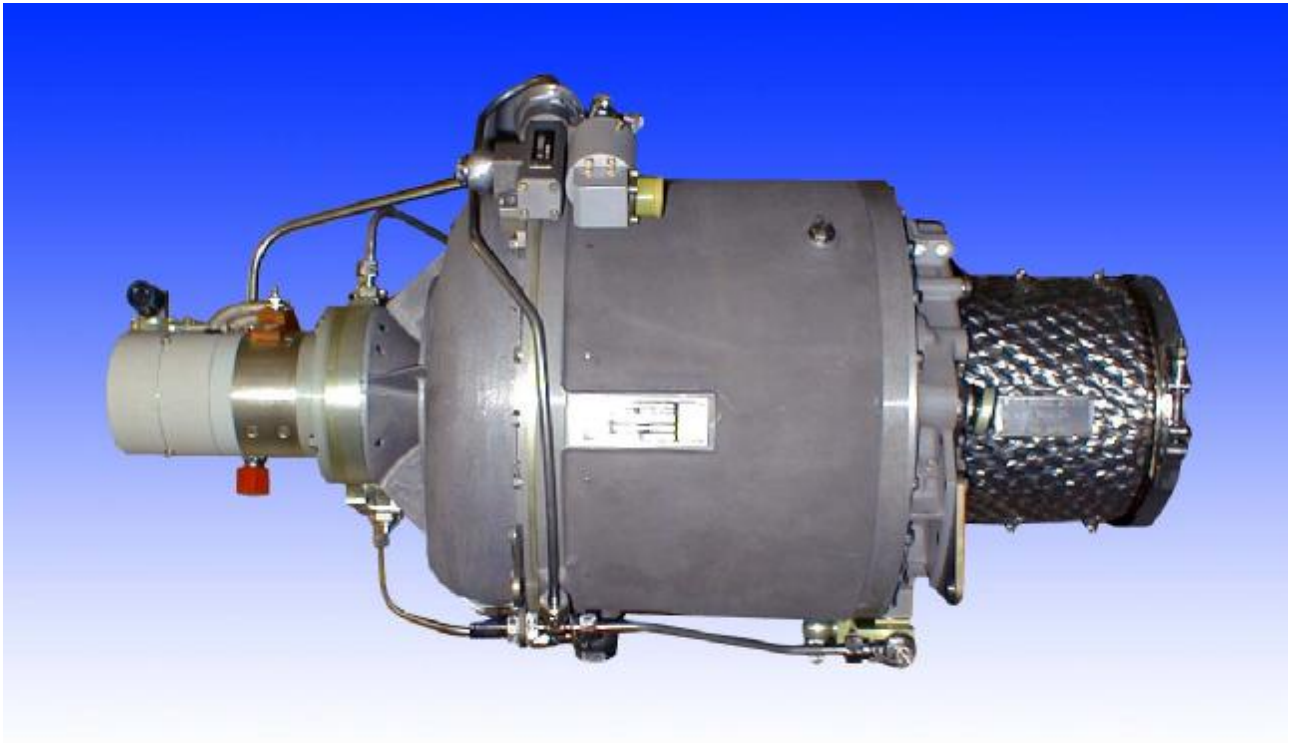


AUXILIARY POWER UNIT SAPHIR 5C



APU SAPHIR 5C is a small turbine with the air bleed from the compressor which is intended for starting of aircraft main-power engines

Technical Data

Standard conditions	$T_0 = 15\text{ }^{\circ}\text{C}$ (59 °F), $p_0 = 1\ 013\text{ mb}$ (14.7psi)
Max. bleed air flow	25 kg/min (55 lb/min)
Pressure ratio	3.1
Starting speed	50 500 rpm
Idle speed	43 800 rpm
Altitude	6000 m (19 700 ft)
Temperature range	-40° to + 60 °C (-40° to + 140 °F)
Weight of APU	28,5 kg (62,6 lb)
Total weight (including accessories)	41 kg (90.4 lb)

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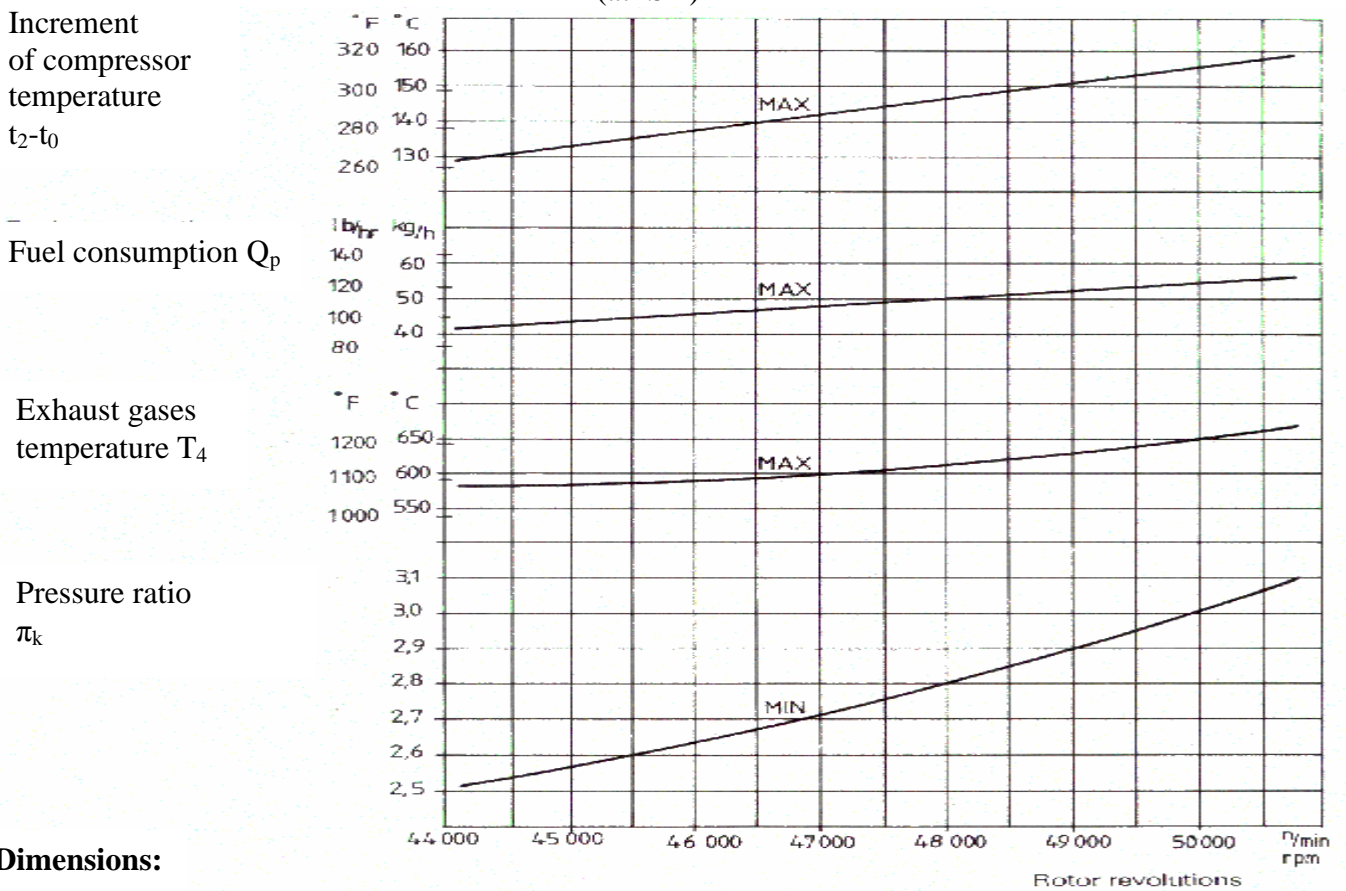
 První brněnská strojírna
Velká Bíteš, a.s.

Standard Equipment

- Autonomous oil system
- Electronic control system
- Oil pressure protection
- Speed sensing unit protection
- Underspeed protection
- Overspeed protection

APU Characteristics

(at ISA)



Dimensions:

