

AIR GENERATOR SAFÍR 5M



Air generator SAFÍR 5M is a small turbine engine with the air bleed from compressor which is intended for starting of aircraft mean-power engines and for driving of emergency sources of electric and hydraulic power.

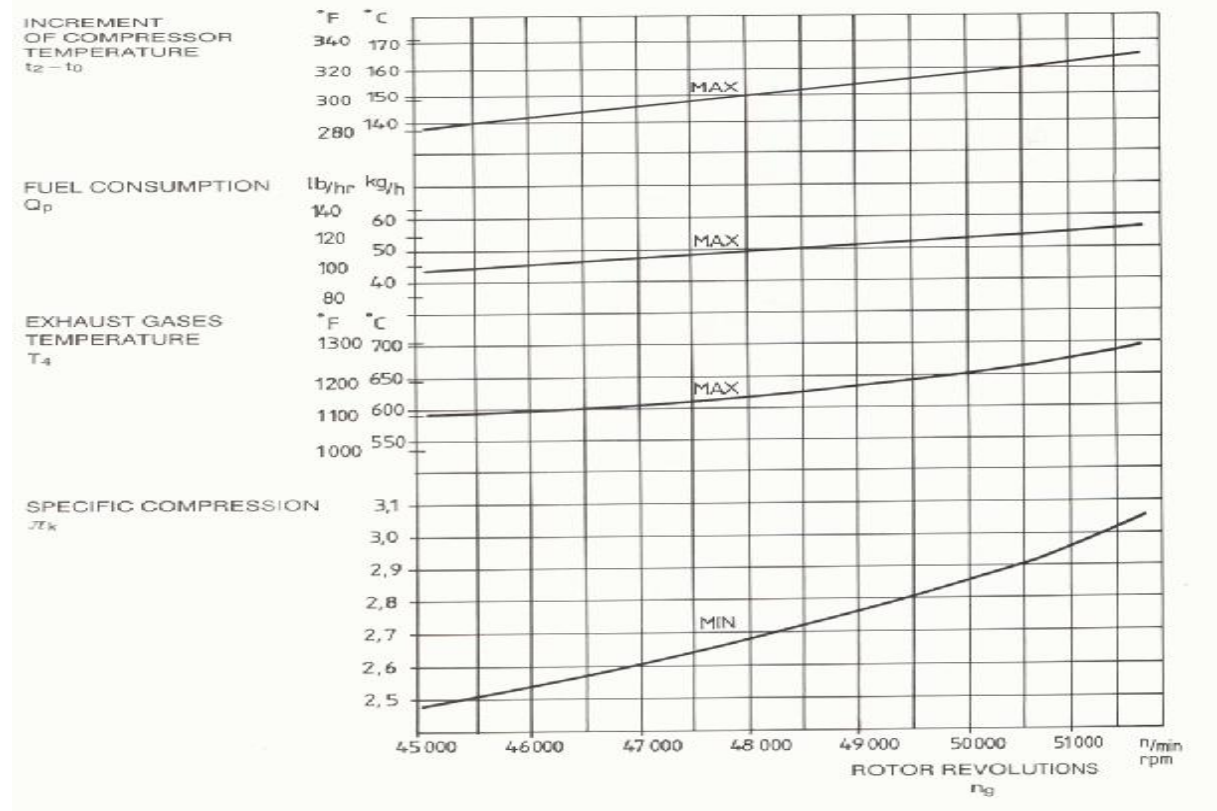
Technical Data

Standard conditions	$T_0 = 15\text{ °C (59 °F)}$ $p_0 = 1013\text{ mb (14.7 psi)}$
Max. bleed airflow	22,5 kg/min (49,6 lb/min)
Bleeded air temperature	179 °C
Specific compression	3,1
Starting speed	51 500 rpm
Speed for drive of sources	46 400 rpm
Electric power supply	28 V, 200 A
Hydraulic liquid supply	15 Mpa (2180 psi) 4,1 l/min (0.15 cfm)
Altitude	9 000 m (29 500 ft)
Temperature range	-40° to +60 °C (-40° to +140 °F)
Air generator weight	48 kg (105,8 lb)
Weight (including accessories)	66 kg (145,5 lb)

STANDARD EQUIPMENT

- Autonomous oil system
- Oil cooling
- Electronic control and check system
- Failures signalization
- Signalization of combustion products dangerous temperature
- Signalization of oil filter clogging
- Startmeter and hourmeter
- Oil pressure protection
- Speed sensor protection
- Underspeed protection
- Overspeed protection

CHARAKTERISTICS OF AIR GENERATOR (at ISA)



Dimensions:

