

# AUXILIARY POWER UNIT SAFÍR 5 J



Auxiliary power unit Safír 5 J provides air delivery for engine starters or for aircraft air conditioning system.

## Technical Data

Standard conditions	$T_0 = 15\text{ °C (59 °F)}$ , $p_0 = 1\ 013\text{ mb (14.7psi)}$
Max. bleed air flow	25 kg/min (55 lb/min)
Pressure ratio	3.35
Turbine speed	51 900 rpm
Max. rated altitude for starting	7 500 m (24 600 ft)
Max. rated altitude for function	8000 m (26 250 ft)
Temperature range	-40° to + 60 °C (-104° to + 140 °F)
Weight (without accessories)	31 kg (68.3 lb)
Weight (including accessories)	44 kg (96.9 lb)

První brněnská strojírna Velká Bíteš, a. s.  
Aircraft Technique Division  
Vlkovská 279  
CZ – 595 12 Velká Bíteš  
Tel.: +420 566 822 300, 566 822 304  
Fax.: +420 566 822 372  
e-mail: [obchodlit@pbsvb.cz](mailto:obchodlit@pbsvb.cz)

 První brněnská strojírna  
Velká Bíteš, a.s.

## APU Characteristics (AT ISA)

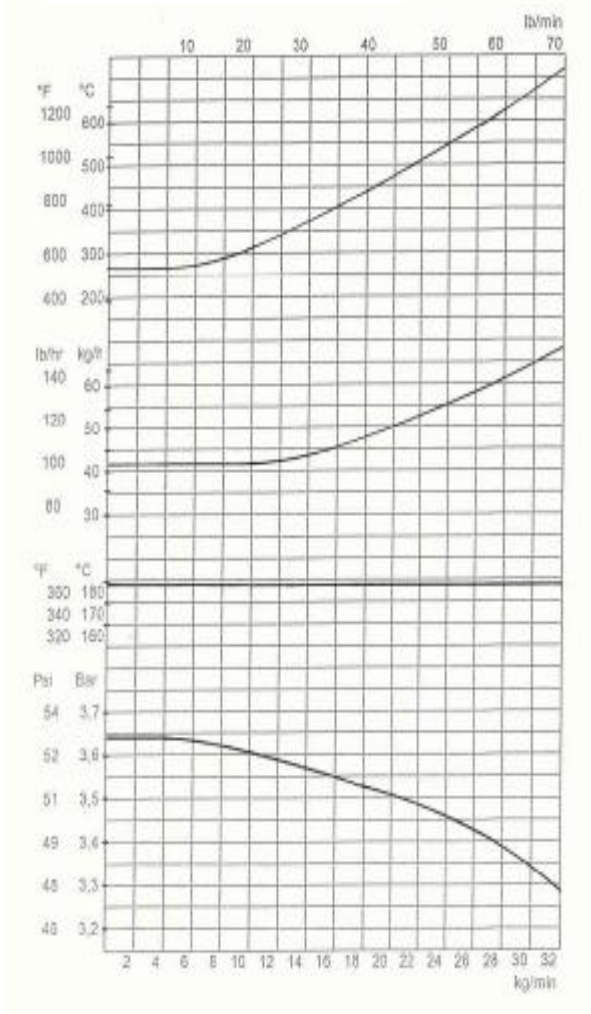
Rotor speed (rpm) 51890

Total exhaust temperature

Fuel consumption

Air bleed temperature

Total bleed air pressure



## Standard Equipment

- Startmeter and running hourmeter
- Autonomous oil system
- Electronics control and check system
- Fuel system
- Air system
- Oil cooling
- Signaling of combustion product dangerous temperature
- Signaling of oil filter fouling
- Failures signaling
- Protection :
  - oil pressure
  - loss of speed
  - over-speed

## Dimensions (in mm)

