



Air Cycle unit U-02 Data specification

Gas:	Air
Type of compressor	Oil free, water cooled casings
Type of expander	Oil free
Max pressure ratio:	4.0:1
Speed range:	1200-2100 rpm
Capacity:	15-25 m ³ /min FAD
Cooling power:	approx 12-20 kW @ 40°C and 27 g/kg (30-55 kW including condensing of air humidity)
Drive power:	45-75 kW
Weight:	500 kg
Oil system:	Circulating oil. 25 l integrated oil sump.
Oil flow requirement:	12 lpm
Drive flange:	SAE 1

