UAVSale

500kg Thrust Turbojet Engine CTJ-8

MD-P00529 · md-500kg-thrust-turbojet-engine-ctj-8

Compressor: 3-stage axial flow, the supercharging ratio is 3.8, of which the first-stage compressor is a titanium alloy integral blade rotor (IBR).

TECHNICAL SPECIFICATIONS

Combustion chamber	DC annular combustion chamber, 12 centrifugal fuel atomizing nozzles.
Turbine	1st stage axial flow.
Nozzle	Simple Converging Nozzle.
Control system	Electronic fuel control system.
Fuel system	Use RP-3 fuel.
Lubricating oil system	4010 lubricating oil is used.
Lgnition system	Compressed air blow, electric igniter or high energy igniter ignition.
Accessories	comes with a 4kW generator system.
Others	The unique oil seal structure makes the engine life longer.
Length	1250mm
Diameter	330mm
Dry mass	67kg
Maximum thrust (CTJ-8A, H=0, Ma0)	4.9kN
Takeoff thrust (H=0, Ma0.7)	3.2kN
Cruising thrust (H=8000m, Ma0.7)	1.5kN
Take-off state	182kg/(kN h)
Life span	80~150h

CERTIFICATION

Certification status is confirmed per order and is not published in the catalogue listing. Request the current declaration, test reports or conformity certificates from our sourcing team.

ORDERING INFORMATION

Model	500kg Thrust Turbojet Engine CTJ-8
Part number	MD-P00529

Lead time	30 days
Minimum order	1 unit
Supply	made_to_order

Generated from the UAVSale product catalogue. Figures are manufacturer-supplied and subject to configuration. For the current revision and full documentation set, contact our sourcing team.