UAVSale

80kg Thrust Turbojet Engine SXH-1200N （low cost）

MD-P00299 · md-80kg-thrust-turbojet-engine-sxh-1200n-low-cost

The SXH-1200N 80kg thrust turbojet engine is a small turbojet engine with low cost, high thrust-to-weight ratio and high reliability independently developed by Feihang Power Technology Co., Ltd. The overall structure of single-stage centrifugal compressor + short annular downstream combustion chambe

TECHNICAL SPECIFICATIONS

Engine model	SXH-1200N 80kg thrust turbojet engine
Category	Small Turbojet
Maximum diameter	203mm
Maximum length	501mm
The stability margin of the engine in the maximum state	15%.
No	Item Value
Maximum speed (r/min)	65000
Maximum thrust (daN)	100
Idle speed (r/min)	30000
Idle thrust (daN)	11
Engine dry weight (kg)	9.25
Thrust-to-weight ratio	11.89
Installed weight (kg)	11.5
Installed thrust-to-weight ratio	9.56
Air flow (kg/s)	1.8
Maximum thrust fuel consumption (kg/min)	2.6
Maximum exhaust temperature	750℃
Operating temperature range	-25℃～+50℃
Maximum starting height (m)	5000
Maximum use height (m)	10000
Maximum working M	0.9
Start mode	automatic fuel start

Maximum flight altitude	10000m
Maximum flight speed	1100km/h
Minimum working temperature	-25℃
Maximum working temperature	+50℃

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	80kg Thrust Turbojet Engine SXH-1200N （low cost）
Part number	MD-P00299
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.