UAVSale

Multi Fuel Engine 11.76KW(16hp) QX-16

MD-P00533 · md-multi-fuel-engine-11-76kw-16hp-qx-16

The 170cc two-stroke ignition type direct-injection diesel engine is a two-cylinder diesel engine developed based on the application of AADI technology. The engine is widely used in fixed-wing UAV power, rotary-wing UAV extended-range power and portable mobile power power.

TECHNICAL SPECIFICATIONS

Engine form	two-stroke horizontally opposed twin cylinder
Cooling method	air cooling
Displacement	170cc
Actual compression ratio	8.0:1
Speed range	2000rpm~7500rpm
Maximum power	11.76KW (16hp) / 7500rpm
Minimum fuel consumption rate	300g/KW. h
Fuel	vehicle diesel, jet fuel, gasoline
Oil supply method	low pressure air-assisted direct injection in the atomizing cylinder
Machine weight	6.3kg (including ECU, wiring harness, etc.)
Power to weight ratio	1.87KW/kg
Ignition method	electronic ignition
Lubrication method	electronically controlled oil pump, consumption-type distributed independent lubrication
Lubricating oil consumption	maximum load>70g/h cruising condition>45g/h
Engine start altitude	5000m
ceiling	7000m
First overturn period TBO	300h
Total engine life	500h
Working temperature	-30°C~+60°C
Start mode	external handheld start (start time 10s)

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	Multi Fuel Engine 11.76KW(16hp) QX-16
Part number	MD-P00533
Lead time	30 days
Minimum order	1 unit
Supply	made_to_order

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