FLYSPARK 170CC UAV ENGINE

TECHNICAL DATASHEET

Model Type: 170CC | Reference: T170



RATED POWER
18.1 HP / 13.3 kW

STATIC THRUST @ 100 m
35 kgf

ENGINE WEIGHT
3.93 kg

LISTED PRICE (INR)
₹ 9,00,000

Technical Specifications

ENGINE TYPE Twin-cylinder, air-cooled, two-stroke	**DISPLACEMENT** 170 cc
RATED POWER 18.1 hp / 13.3 kW	**ENGINE WEIGHT** 3.93 kg
SPEED RANGE 1,100–7,500 rpm	**STATIC THRUST @ 100 m** 35 kgf
STATIC THRUST @ 1,800 m 31.5 kgf	**MAX. TAKE-OFF WEIGHT** 80 kg (catalogue)
RECOMMENDED PROPELLERS 30 × 12 or 32 × 10	**BORE × STROKE** 51 × 41 mm
CRANKSHAFT Three-bearing crankshaft	**FUEL / OIL RATIO** Mixture lubrication; 50:1
IGNITION Automatic-advance CDI ignition	**IGNITION VOLTAGE** 6–8.4 V DC
FUEL — CARBURETTOR 6 L/h	**FUEL — EFI VERSION** 4.5 L/h
DIMENSIONS (L × W × H) 340 × 232 × 190 mm	

Requested Configuration

EFI fuel system • Electric starter • 350 W generator

Supplier confirmation required: EFI and starter availability are not verified. The supplied reference specifies a 600 W generator; 350 W is the requested rating.

FlySpark Sales & Enquiries | +91 6375729997 | info@flyspark.in