



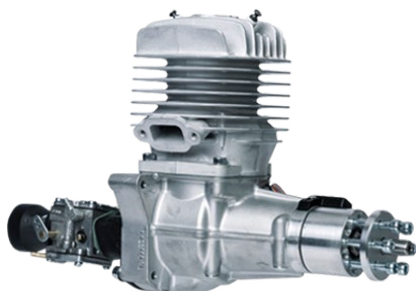
PERFORMANCE BEYOND LIMITS

ENGINE DATA 3W-80XI TS





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SPECIFICATIONS

Cylinder Capacity	78 ccm / 4.76 cu in
Power	5.27 HP / 3.88 KW
Bore Diameter	2.1 inch (51.00 mm)
Stroke	1.61 inch (41.00 mm)
Speed Range	1100 - 8500 RPM
Weight	5.51 lbs (2.5 kg) incl. ignition
Crankshaft	3 ball bearing
Oil/Gasoline Ratio	1:50 / 2% mix
Operating voltage	6 - 8.4 V DC
Torque	5.57 Nm / 6650 RPM
kW/RPM	3.88 KW / 6650 RPM

ENGINE TYPE / SETUP

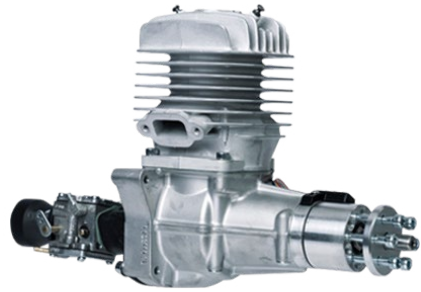
Engine	3W-80 Xi TS
Serial No.	1381070B
Direction	tractor
Muffler	3W L80
Fuel	Gasoline
Date	25.01.2016
Running time before test	1 hours
Throttle position	variable
Propeller	Menz s 24x10

Engine data based on test run according to:

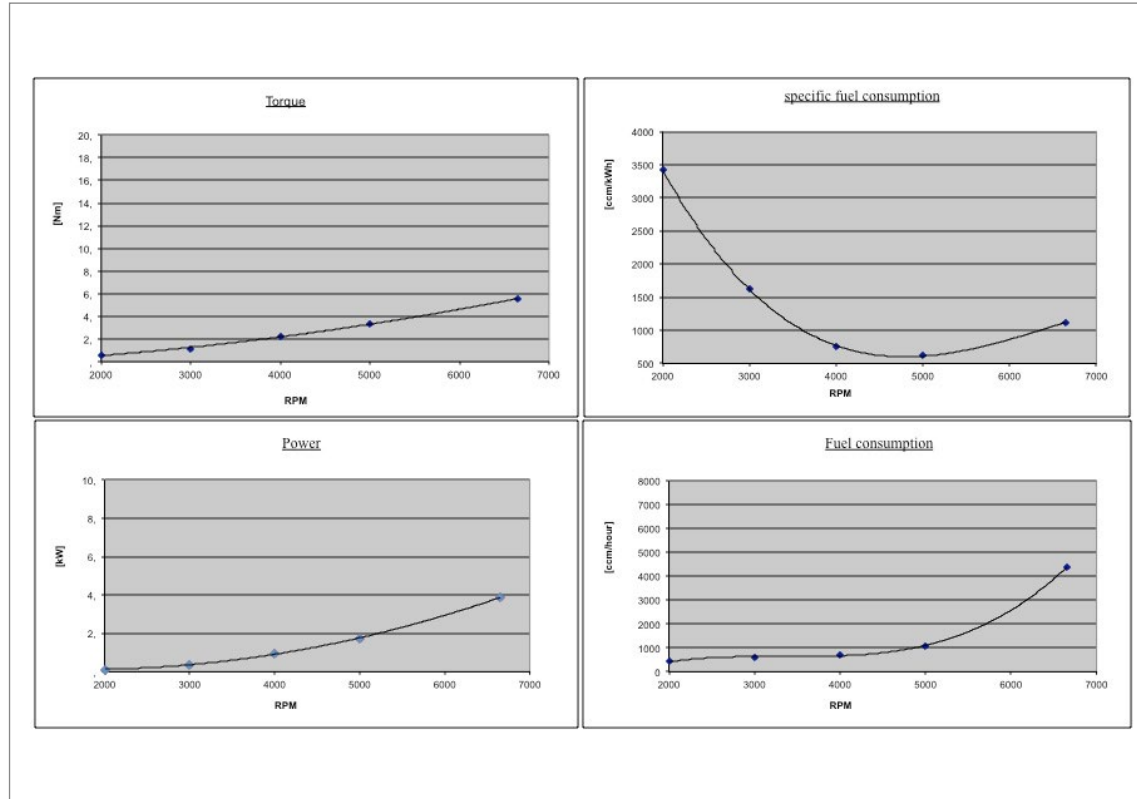
Air pressure (mbar)	1014
Ambient temp. (°C)	18
Humidity (%)	41

ENGINE PARAMETERS

Propeller					n red	Md red	N red	N red	FC	FC	SFC	
Diameter	Pitch	Blades	Vendor	RPM	RPM	[Nm]	[kW]	[PS]	ccm/min	ccm/h	ccm/kWh	gr/PS/h
24	10	2	Menz s	2000	1995	0.58	0.12	0.17	7	420	3420	2012
				3000	2993	1.16	0.37	0.5	10	600	1628	958
				4000	3990	2.25	0.94	1.28	12	720	758	446
				5000	4988	3.32	1.74	2.36	18	1080	618	363
				6650	6634	5.57	3.88	5.27	73	4380	1121	660



ENGINE GRAPH





CONTACT

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