



# PERFORMANCE BEYOND LIMITS

## ENGINE DATA 3W-85XI





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## SPECIFICATIONS

Cylinder Capacity	83.8 ccm / 5.11 cu in
Power	6.0 HP / 4.43 KW
Bore Diameter	2.01 inch (51.00 mm)
Stroke	1.61 inch (41.00 mm)
Speed Range	1100 - 8500 RPM
Weight	5.29 lbs (2.4 kg) incl. ignition
Crankshaft	3 ball bearing
Oil/Gasoline Ratio	1:50 / 2% Mix
Operating voltage	6 - 8.4 V DC

## ENGINE TYPE / SETUP

Engine	3W-85Xi
Serial No.	1381070B
Direction	Tractor
Muffler	3W L90
Fuel	Gasoline
Date	14.10.2013
Running time before test	1.5 hours
Throttle position	variable
Propeller	Mejzlik CFK 28x10

Engine data based on test run according to:

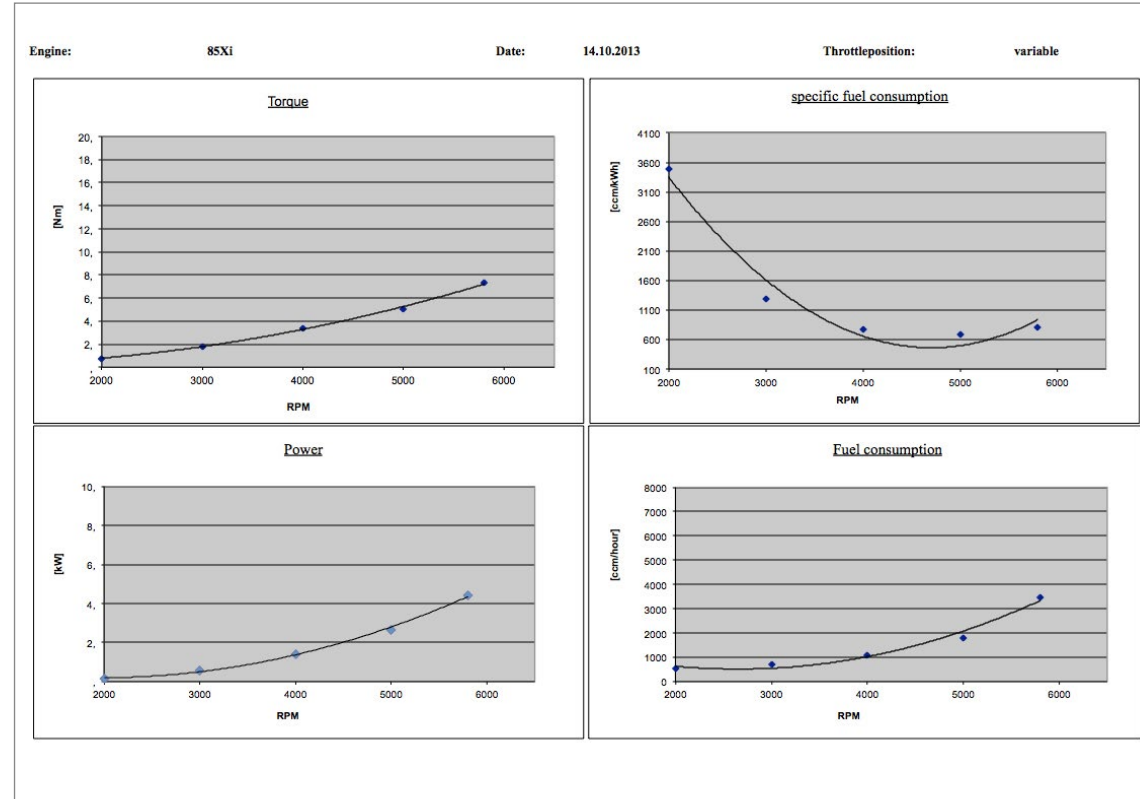
Air pressure (mbar)	1005
Ambient temp. (°C)	22
Humidity (%)	68

## 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
28	10	2	Mejzlik	2000	2014	0.75	0.16	0.21	9	540	3487	2051
				3000	3021	1.82	0.57	0.78	12	720	1284	755
				4000	4027	3.38	1.42	1.93	18	1080	778	458
				5000	5034	5.07	2.66	3.61	30	1800	691	407
				5800	5840	7.29	4.43	6.02	58	3480	803	472



## ENGINE GRAPH







## CONTACT

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