



PERFORMANCE BEYOND LIMITS

ENGINE DATA 3W-210XI TS





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SPECIFICATIONS

Cylinder Capacity	210 ccm / 12.81 cu in
Power	18.25 HP / 13.42 KW
Bore Diameter	2.16 inch (55.00 mm)
Stroke	1.73 inch (44.00 mm)
Speed Range	1000 - 7500 RPM
Weight	11.0 lbs (5.0 kg) incl. ignition
Crankshaft	3 ball bearing
Oil/Gasoline Ratio	1:50 / 2% mix
Operating voltage	6 - 8.4 V DC
Torque	19.87 Nm / 6450 RPM
kW/RPM	13.42 KW / 6450 RPM

ENGINE TYPE / SETUP

Engine	3W-210Xi TS
Serial No.	156452K
Direction	Pusher
Muffler	Stainless Steel
Fuel	Aspen
Date	16.09.2015
Running time before test	12 hours
Throttle position	VTP
Propeller	Sensenich 28x17

Engine data based on test run according to:

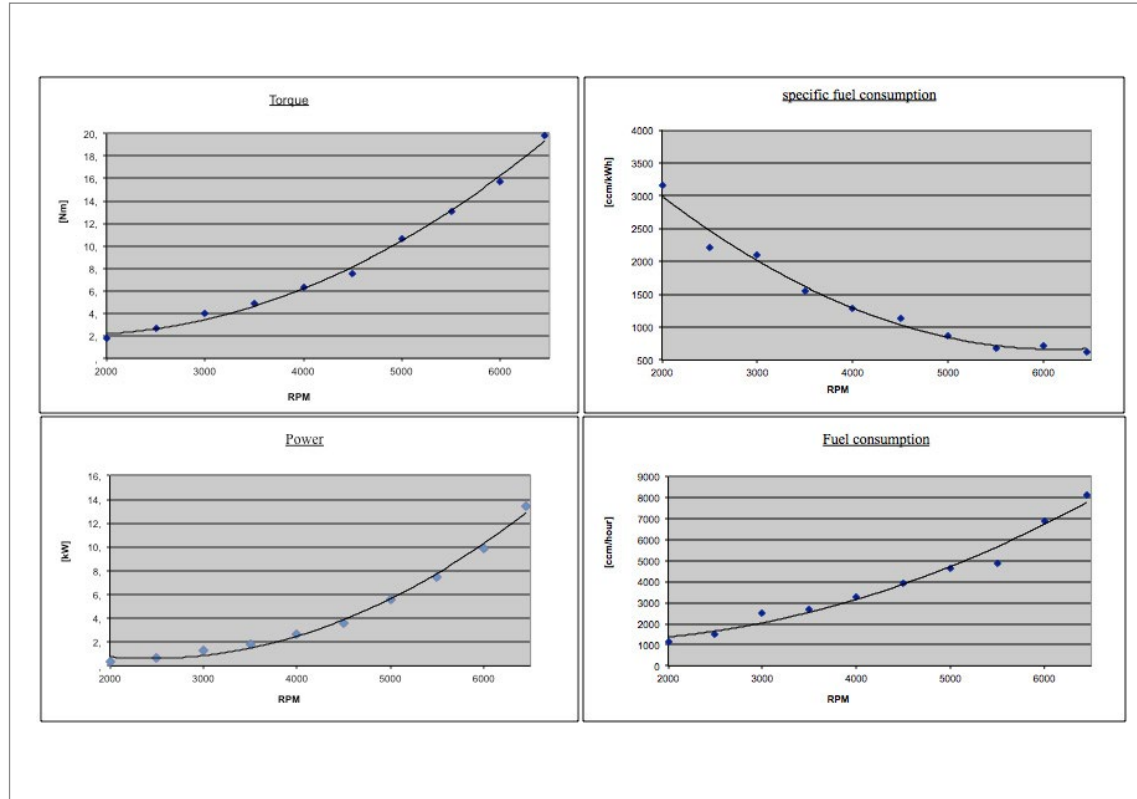
Air pressure (mbar)	984
Ambient temp. (°C)	21
Humidity (%)	50

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	17	2	Sensenich	2000	2023	1.78	0.37	0.51	19	1140	3163	0
				2500	2529	2.67	0.7	0.95	25	1500	2220	1306
				3000	3034	3.97	1.25	1.7	42	2520	2089	1229
				3500	3540	4.9	1.8	2.44	45	2700	1557	916
				4000	4046	6.3	2.64	3.59	55	3300	1294	761
				4500	4551	7.54	3.55	4.83	65	3900	1137	669
				5000	5057	10.62	5.56	7.56	77	4620	860	506
				5500	5563	13.02	7.5	10.19	81	4860	671	395
				6000	6069	15.76	9.9	13.46	115	6900	721	424
				6450	6524	19.87	13.42	18.25	135	8100	625	367



ENGINE GRAPH





CONTACT

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