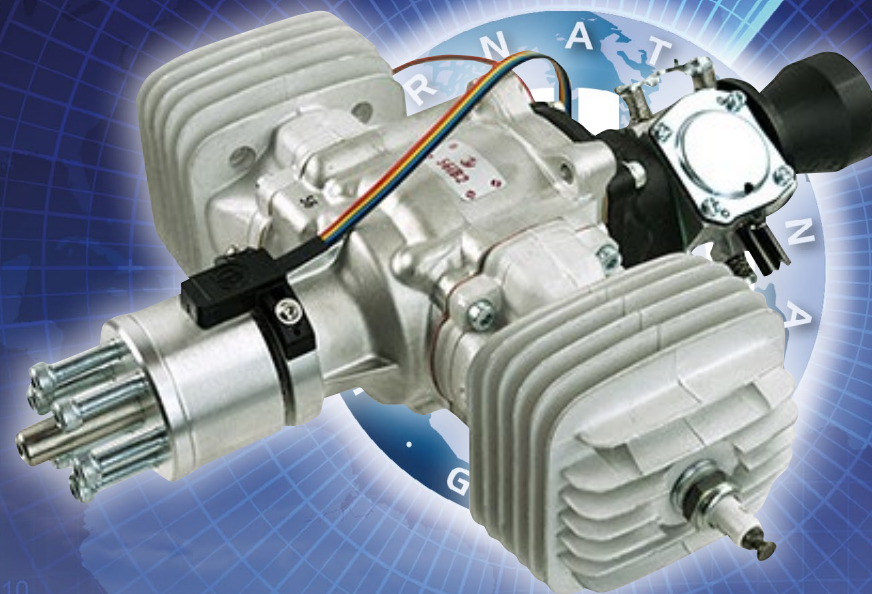




# PERFORMANCE BEYOND LIMITS

## ENGINE DATA 3W-561B2





## SPECIFICATIONS

Cylinder Capacity	56 ccm / 3.42 cu in
Power	4.64 HP / 3.4 KW
Bore Diameter	1.42 inch (36.00 mm)
Stroke	1.1 inch (28.00 mm)
Speed Range	1500 - 8500 RPM
Weight	4.12 lbs (1.9 kg) incl. ignition
Crankshaft	3 ball bearing
Oil/Gasoline Ratio	1:50 / 2% mix
Operating voltage	6 - 8.4 V DC
Torque	3.58 Nm / 9100 RPM
kW/RPM	3.41 KW / 9100 RPM

## ENGINE TYPE / SETUP

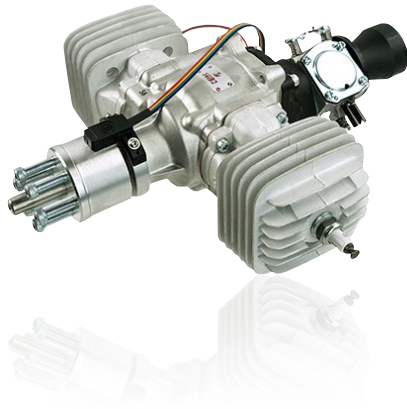
Engine	3W-56iB2
Serial No.	1591396K
Direction	tractor
Muffler	s30
Fuel	Aspen
Date	22.01.2016
Running time before test	2 hours
Throttle position	VTP
Propeller	20x8 CFK Mejzlik

Engine data based on test run according to:

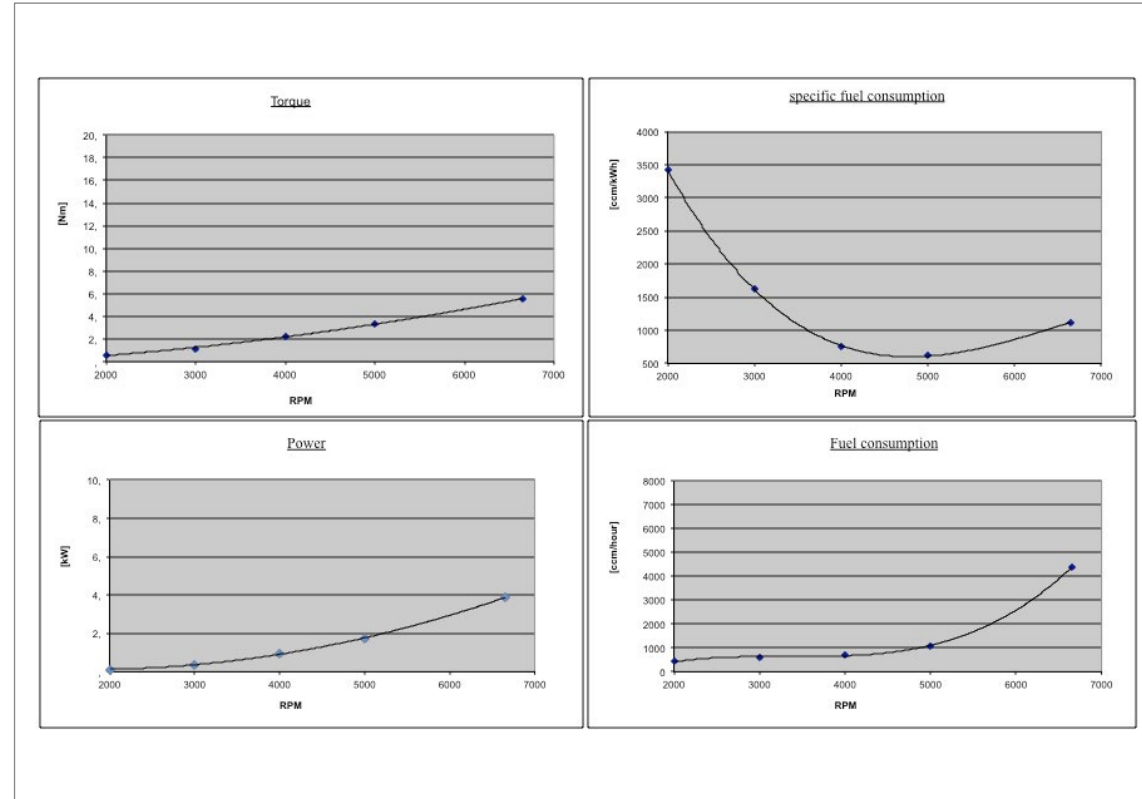
Air pressure (mbar)	1014
Ambient temp. (°C)	16
Humidity (%)	21

## 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
20	8	2	Mejzlik	2000	1989	0.62	0.13	0.18	8	480	3645	0
				3000	2984	0.75	0.24	0.32	11	660	2760	1624
				4000	3978	1.01	0.42	0.57	17	1020	2373	1396
				5000	4973	1.3	0.68	0.93	22	1320	1904	1120
				6000	5967	1.76	1.1	1.5	27	1620	1443	849
				7000	6962	2.38	1.74	2.37	33	1980	1118	658
				8000	7956	2.86	2.4	3.26	36	2160	885	521
				9100	9050	3.58	3.41	4.64	48	2880	830	488



## ENGINE GRAPH





## CONTACT

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# PERFORMANCE BEYOND LIMITS

