



SHADOW 36		YAMAHA 300hp		PROPELLER	
Hull Type	Deep-Vstepped	Engine	4 Stroke – V6	ECO Enertia	16" x 19"
Deadrise at transom	24	HP	300	Blades	3
Dry Weight	2300Kg	Displacement	4.2L	Material	
Length	10.68m	Weight	250-265kg		
Beam	3.16m	Operating Range	5000 - 6000rpm	MOUNTING HEIGHT	
Tubes Material	H/N 1670 dtex	Gear Ratio	1.75:1	Hole Position	2nd
Water Capacity	120lts			Jack Plate	No
Fuel Capacity	2 x 300lts			A/V plate-keel	-- cm

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TEST CONDITIONS					
Sea State	1-2bf			Fuel	500lts
Wind speed	5knots			Crew Weight	180Kg
Waves height	0.2-0.5m			Equipment Weight	200Kg

PERFORMANCE DATA						USEFUL REMARKS	
RPM	KNOTS	LPH	LPM	SLIP	RANGE*	On Plane	11 Knots@ 2000rpm
3000	25		2.1	6.7%	238nm	W.O.T.	5900rpm
3500	30		2.3	4%	218nm	Top Speed	50.5 Knots
4000	35		2.5	2%	200nm	Acceleration	0-30 Knots in 9sec
4500	40		2.6	0.5%	192nm	Time to plane	4 sec
5000	44.5		3.4	0.4%	147nm	Best Fuel Efficiency	2.1lpm @ 3000rpm
5500	47		3.7	4.2%	135nm	Optimum Range	238nm @ 25Knots
5900	50.5		3.9	4.2%	128nm		

*The range numbers correspond roughly to the quantity of fuel we had during our sea trial.