



PRINCE 50		MERCURY 400hp		PROPELLER	
Hull Type	Deep-V	Engine	4 Stroke – V10	Revolution X	18"x 21"
Deadrise at transom	22 degrees	HP	400	Blades	4
Weight	9500Kg	Displacement	5.7L	Material	S. Steel
Length	15.05m	Weight	316 kg		
Beam	4.68m	Operating Range	5800 - 6400 rpm	MOUNTING HEIGHT	
Tubes Material	H/N 1670 dtex	Gear Ratio	2.08:1	Hole Position	---
Max power	3 x 600hp			Jack Plate	No
Fuel Capacity	1850lts			A/V plate-keel	-- cm

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TEST CONDITIONS					
Sea State	4bf			Fuel	800ltrs
Wind speed	15 knots			Crew Weight	320 Kgr
Waves height	1m			Equipment Weight	350 Kgr

PERFORMANCE DATA						USEFUL REMARKS	
RPM	KNOTS	LPH	LPM	SLIP	RANGE*	On Plane	11.5 Knots@ 2000rpm
3500	25	--	5.4	13.8%	148nm	W.O.T.	6400rpm
4000	30	--	5.7	9.6%	140nm	Top Speed	51 Knots
4500	35	--	6	6.3%	133nm	Acceleration	0-30 Knots in ---sec
5000	39	--	6.7	6%	119nm	Time to plane	... sec
5500	43	--	8	5.9%	100nm	Best Fuel Efficiency	5lpm @ 3000rpm
6000	47	--	8.9	5.6%	90nm	Optimum Range	160nm with 800lt of fuel @ 20Knots
6400	51	--	9.3	3.9%	86nm		

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