PROPS TEST

TEST DATE 03/2026



SFR 42	
Hull Type	Deep-V Stepped
Deadrise at transom	24 degrees
Dry Weight	5600Kg
Length	12m
Beam	3.75m
Min power	2 x 400hp
Water Capacity	200 lts
Fuel Capacity	2 x 550 lts

YAMAHA 350hp	
Engine	4 Stroke – V6
HP	350
Displacement	4.3L
Weight	282-296 kg
Operating Range	5000 - 6000 rpm
Gear Ratio	1.75:1

PROPELLER	
ECO Enertia	16’’x 20”
Blades	3
Material	X7 Alloy

MOUNTING HEIGHT	
Hole Position	---
Jack Plate	No
A/V plate-keel	-- cm

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TEST CONDITIONS

Sea State	--bf	Fuel	600 ltrs
Wind speed	--kts	Crew Weight	250 Kgr
Waves height	--m	Equipment Weight	300 Kgr

PERFORMANCE DATA

RPM	KNOTS	LPH	LPM	SLIP	RANGE*
3000	19	83	4.3	33%	
3500	26	102	3.9	21%	
4000	36	139	3.8	4%	
4500	41	161	3.9	3%	
5000	46	206	4.4	2%	
5500	51	250	4.9	1.4%	
6100	56			2.3%	

USEFUL REMARKS

On Plane	14 Knots@ 2500rpm
W.O.T.	6100rpm
Top Speed	56 Knots
Acceleration	0-30 Knots in 9sec
Time to plane	7 sec
Best Fuel Efficiency	3.8 lpm @ 4000rpm
Optimum Range	---nm @ ---Knots

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