PROPS TEST

TEST DATE 07/2023



SACS Strider 11	
Hull Type	Deep-V
Deadrise at transom	24,3 degrees
Weight-incl engines	4200-4500kgs
Length	11.51m
Beam	3.79m
Tubes Material	H/N 1670 dtex
Water Capacity	130lts
Fuel Capacity	530lts

www.sacsmarine.it

MERCURY 300hp	
Engine	4 Stroke – V8
HP	300
Displacement	4.6L
Weight	272kgs
Operating Range	5200 - 6000rpm
Gear Ratio	1.85:1

www.mercurymarine.com

PROPELLER	
ECO Enertia	16” x 19”
Blades	3
Material	X-Alloy

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

TEST CONDITIONS

Sea State	4bf	Fuel	250ltrs
Wind speed	- knots	Crew Weight	260Kg
Waves height	0.5-0.8m	Equipment Weight	250Kg

PERFORMANCE DATA

RPM	KNOTS	LPH	LPM	SLIP	RANGE*
3000	17	50	2.94	32.8%	85nm
3500	23	64	2.8	22%	89nm
4000	28	80	2.85	17%	88nm
4500	33	100	3	13%	83nm
5000	38.5	140	3.6	8.7%	69nm
5500	43.5	180	4.1	6.5%	61nm
5800	45			8%	

USEFUL REMARKS

On Plane	13 Knots@ 2500rpm
W.O.T.	5800rpm
Top Speed	45 Knots
Acceleration	0-30 Knots in 7sec
Time to plane	6 sec
Best Fuel Efficiency	2.8lpm @ 3500rpm
Optimum Range	89nm @ 23Knots

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