PROPS TEST

TEST DATE 06/2026



VENOM 40SC	
Hull Type	Deep-V Stepped
Deadrise at transom	24
Max speed	65+ Kts
Length	11.95m
Beam	3.47m
Max Hp	2x500
Fresh water	170lts
Fuel Capacity	2 x 465 lts

MERCURY 425hp	
Engine	4 Stroke – V10
HP	425
Displacement	5.7L
Weight	315 kg
Operating Range	6000 - 6600 rpm
Gear Ratio	2.08:1

PROPELLER	
Revolution X	18’’x 25”
Blades	4
Material	Ssteel

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

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TEST CONDITIONS

Sea State	1-2bf	Fuel	500 ltrs
Wind speed	---kn	Crew Weight	250 Kgr
Waves height	---m	Equipment Weight	300 Kgr

PERFORMANCE DATA

RPM	KNOTS	LPH	LPM	SLIP	RANGE*
3500	22	--	3.8	36%	--nm
4000	29	--	3.5	27%	--nm
4500	36	--	3.4	19%	--nm
5000	41	--	4.6	17%	--nm
5500	48	--	4.7	12%	--nm
6000	54	--	4.7	9%	--nm
6600	59.4		5	9%	

USEFUL REMARKS

On Plane	15 Knots@ 2700rpm
W.O.T.	6600rpm
Top Speed	59.4 Knots
Acceleration	0-30 Knots in 11sec
Time to plane	6 sec
Best Fuel Efficiency	3.4 lpm @ 4500rpm
Optimum Range	@ 36Knots

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