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

www.seafighter-rib.com

MERCURY 400R	
Engine	4 Stroke – V10
HP	400
Displacement	5.7L
Weight	315 kg
Operating Range	6000 - 6600 rpm
Gear Ratio	1.60:1

www.mercurymarine.com

PROPELLER	
Revolution	14.6’’x 21”
Blades	4
Material	Ssteel

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

TEST CONDITIONS

Sea State	3-4bf	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	18	--	5	44%	
3500	23	--	5.7	39%	
4000	31	--	4.4	28%	
4500	36	--	4.3	26%	
5000	41	--	4.6	24%	
5500	53	--	5.7	11%	
6500	65.3		6.4	7%	

USEFUL REMARKS

On Plane	12 Knots@ 2300rpm
W.O.T.	6500rpm
Top Speed	65.3 Knots
Acceleration	0-30 Knots in 12sec
Time to plane	9 sec
Best Fuel Efficiency	4.3 lpm @ 4500rpm
Optimum Range	---nm @ ---Knots

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