

# Performance Bulletin

## Twin 200hp / Invictus GT 280 S

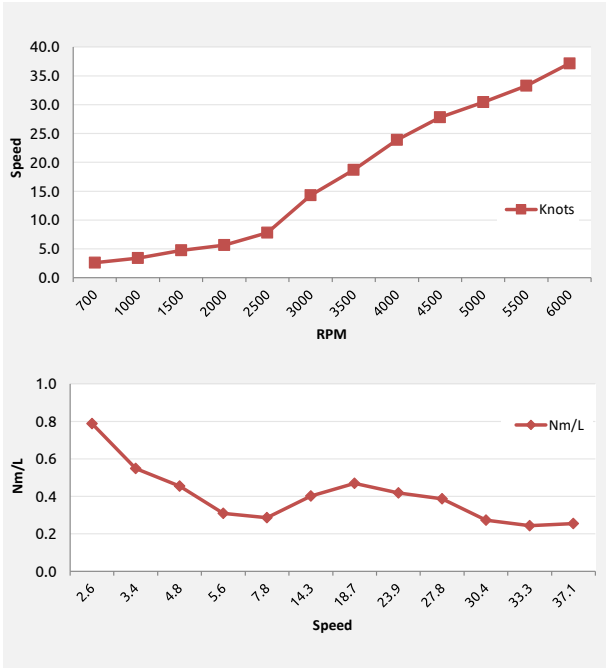


ENGINE		
Horsepower	200 hp	147.1 kw
Type & Displacement	EFI	2785 cc
Configuration	4/in-line, 16-valve, DOHC	
Weight	227.0 kg	
Gear Ratio	1.86	
Mounting Hole Position	22 mm	0.00 #1

PROPELLER		
Series	Reliance	
Diameter / Pitch	13 3/4	x 19
Part No.	68F-45974-20-00	



BOAT SPECIFICATIONS	
Length	8.86 m
Beam	2.84 m
Dry Weight	2400 kg
Max HP	500 hp
Fuel Capacity	530 l
Weight as Tested (approx.)	3300 kg



TEST PERFORMANCE SUMMARY		
Max Average Speed	37 kn	
Best Cruising Nm/L	0.5 nm/l	
Range (95% fuel capacity & best Nm/L)	237 nm	
Acceleration time	7.8 sec	0-20kn
	11.0 sec	0-25kn

Comment: Tested weight includes 1/4 tank of fuel, 3 battery, safety and test gear

PERFORMANCE DATA												
RPM	700	1000	1500	2000	2500	3000	<b>3500</b>	4000	4500	5000	5500	<b>6000</b>
Knots	2.6	3.4	4.8	5.6	7.8	14.3	<b>18.7</b>	23.9	27.8	30.4	33.3	<b>37.1</b>
L/h	1.3	1.8	2.2	3.2	3.5	2.5	<b>2.1</b>	2.4	2.6	3.7	4.1	<b>3.9</b>
Nm/L	0.8	0.5	0.5	0.3	0.3	0.4	<b>0.5</b>	0.4	0.4	0.3	0.2	<b>0.3</b>

FIGURES IN BOLD SHOW OPTIMUM CRUISING AND MAX SPEED

TEST CONDITIONS: Air Temp. 17 Water Temp. 15 Wind Velocity 2 m/s Type of water: Fresh



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