

# Performance Bulletin

## Twin XTO 425hp V8 / Capelli Tempest 38

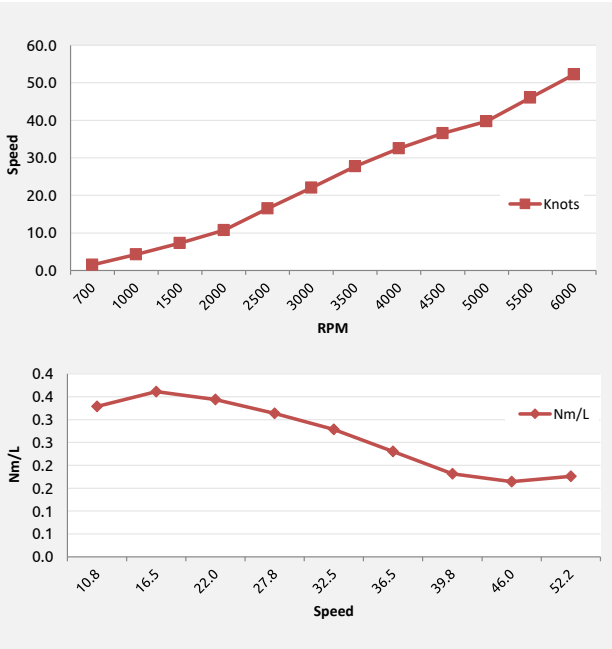


ENGINE		
Horsepower	425 hp	312.5 kw
Type & Displacement	DI	5559 cc
Configuration	V8 (60°), 32-valve, DOHC with VCT	
Weight	446.0 kg	
Gear Ratio	1.79	
Mounting Hole Position	30 mm	# 3

PROPELLER		
Series	XTO	
Diameter / Pitch	16 3/8	x 21
Part No.	6GR-45976-10-00	



BOAT SPECIFICATIONS	
Length	11.97 m
Beam	3.54 m
Dry Weight	3400 kg
Max HP	850 hp
Fuel Capacity	650 l
Weight as Tested (approx.)	5087 kg



TEST PERFORMANCE SUMMARY		
Max Average Speed	52 kn	
Best Cruising Nm/L	0.4 nm/l	
Range (95% fuel capacity & best Nm/L)	223 nm	
Acceleration time	5.6 sec	0 - 25 kn
	8.4 sec	0 - 35 kn

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

PERFORMANCE DATA													
RPM	700	1000	1500	2000	2500	<b>3000</b>	3500	4000	4500	5000	5500	<b>6000</b>	
Knots	1.5	4.3	7.3	10.8	16.5	<b>22.0</b>	27.8	32.5	36.5	39.8	46.0	<b>52.2</b>	
L/h	5.3	3.5	3.0	3.0	2.8	<b>2.9</b>	3.2	3.6	4.3	5.5	6.1	<b>5.7</b>	
Nm/L	0.2	0.3	0.3	0.3	0.4	<b>0.3</b>	0.3	0.3	0.2	0.2	0.2	<b>0.2</b>	

FIGURES IN BOLD SHOW OPTIMUM CRUISING AND MAX SPEED

TEST CONDITIONS:      Air Temp. 3      Water Temp. 4      Wind Velocity 1    m/s      Type of water: Fresh Water



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