Performance Bulletin

BOAT MANUFACTURER:
CAPELLI
BOAT MODEL:
TEMPEST 40
OUTBOARD:
XTO 425 Twin
TEST DATE:
25/07/2018

Cantieri Capelli S.r.l.
Italy
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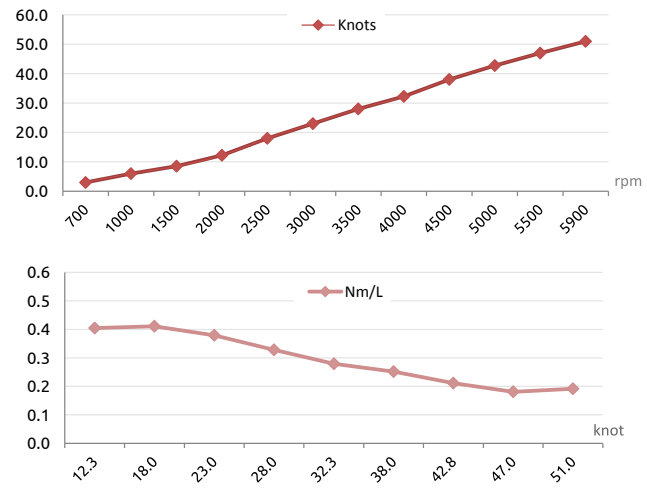
PERFORMANCE DATA

RPM	Knots	L/Nm	Nm/L
700	3.0	3.3	0.3
1000	6.0	2.4	0.4
1500	8.5	2.4	0.4
2000	12.3	2.5	0.4
2500	18.0	2.4	0.4
3000	23.0	2.6	0.4
3500	28.0	3.0	0.3
4000	32.3	3.6	0.3
4500	38.0	4.0	0.3
5000	42.8	4.7	0.2
5500	47.0	5.5	0.2
5900	51.0	5.2	0.2

Acceleration time in seconds:

0 - 20 kn	*5.1 s*
0 - 30 kn	*7.6 s*



CAPELLI TEMPEST 40

Length	12.18	M
Beam	3.54	M
Dry Weight	3900	Kg
Max HP	850	HP
Fuel Capacity	650	L
Weight as Tested (approx.)	5800	Kg

XTO 425 Twin

Horsepower	425 Hp	313	Kw
Type & Displacement	Direct Injection	5559	CC
Configuration	V8 (60°), 32-valve, DOHC with VCT		
Weight		453	Kg
Gear Ratio			1.79
Mounting Hole Position	30 mm	/	# 3

PROPELLER

Series			XTO
Diameter / Pitch	16 3/8	x	21
Partnumber			6GR-45976-10-00

TEST CONDITIONS

Crew		5	prs.
Air Temperature		35	°C
Wind Speed		3	m/s
Fuel (98RON)		650	L
Type of water and temperature	Salt Water	27	°C

TEST PERFORMANCE SUMMARY

Max Average Speed	51	kn
Best Cruising Nm/L	0.4	Nm/l
Range (95% fuel capacity & best Nm/L)	254	Nm

Comment: Tested weigth includes full tank of fuel, 3 battery, safety and test gear

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