

# Performance Bulletin

## 100hp / Salpa Soleil 20



### ENGINE

Horsepower	100 hp	73.5 kw
Type & Displacement	Efi	1832 cc
Configuration	4 In-line, 16-valve, SOHC	
Weight	167.0 kg	
Gear Ratio	2.15	
Mounting Hole Position	24 mm	#4

### PROPELLER

Series	Aluminium	
Diameter / Pitch	13 1/4	x 17
Part No.	6E5-45945-01-EL	



### BOAT SPECIFICATIONS

Length	6.40 m
Beam	2.54 m
Dry Weight	630 kg
Max HP	140 hp
Fuel Capacity	90 l
Weight as Tested (approx.)	1050 kg

### TEST PERFORMANCE SUMMARY

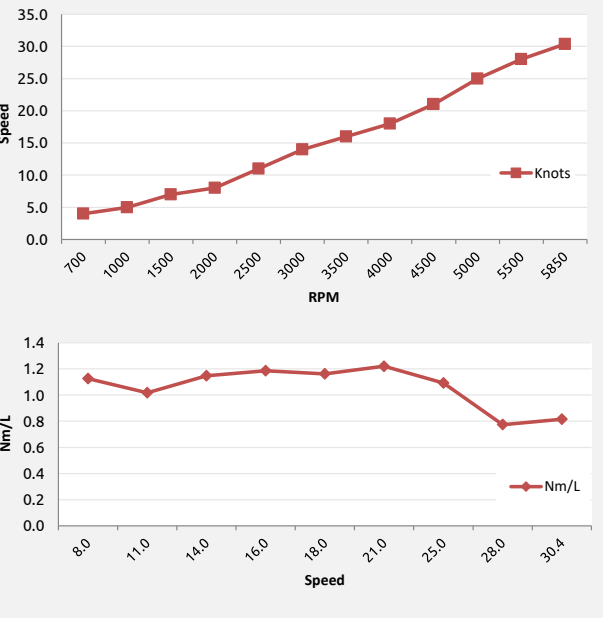
Max Average Speed	30 kn
Best Cruising Nm/L	1.2 nm/l
Range (95% fuel capacity & best Nm/L)	104 nm
Acceleration time	6.1 sec 0-20kn
	9.9 sec 0-25kn

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

### PERFORMANCE DATA

RPM	700	1000	1500	2000	2500	3000	3500	4000	<b>4500</b>	5000	5500	<b>5850</b>
<b>Knots</b>	4.0	5.0	7.0	8.0	11.0	14.0	16.0	18.0	<b>21.0</b>	25.0	28.0	<b>30.4</b>
<b>L/h</b>	0.6	0.7	0.6	0.9	1.0	0.9	0.8	0.9	<b>0.8</b>	0.9	1.3	<b>1.2</b>
<b>Nm/L</b>	1.6	1.5	1.6	1.1	1.0	1.1	1.2	1.2	<b>1.2</b>	1.1	0.8	<b>0.8</b>

FIGURES IN BOLD SHOW OPTIMUM CRUISING AND MAX SPEED



TEST CONDITIONS: Air Temp. 26 Water Temp. 23 Wind Velocity 10 m/s Type of water: Salt



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