

## Performance Report Bella 9000

# BELLA

# BRANDT



### Bella 9000

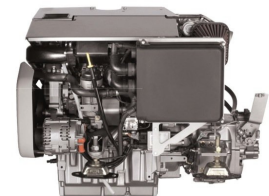
<b>Length Overall</b>	9,12m
<b>Beam</b>	3,30 m
<b>Draft</b>	-
<b>Deadrise</b>	
<b>Displacement</b>	4260 kg
<b>Fuel Capacity</b>	270 L
<b>Water Capacity</b>	100 L
<b>Hull Type</b>	Semi-planing
<b>Hull Number</b>	
<b>Power Option:</b>	

### Performance Data

RPM	MPH Statue Mi.	Knots Nautical Mi.	L/H Total	L/Nm Statue Mi.	Load
1000	-	5,0	1,5	0,30	-
1500	-	6,3	3,4	0,54	-
2000	-	7,7	7,1	0,92	-
2400	-	8,5	11,8	1,39	-
2600	-	9,3	14,6	1,57	-
2800	-	10,7	16,9	1,58	-
3000	-	12,1	20,4	1,69	-
3200	-	13,9	22,9	1,65	-
3400	-	15,8	26,0	1,65	-
3600	-	18,0	28,6	1,59	-
3800	-	20,3	32,8	1,62	-
4000 WOT	-	22,4	35,8	1,64	-

### Yanmar 4BY2-180

<b>Cylinder Config</b>	In Line
<b>No. of Cylinders</b>	4
<b>Bore x Stroke</b>	84 mm x 90 mm
<b>Displacement</b>	1 995 cc
<b>Cont. hp @ RPM</b>	102 kW @ 3600 rpm
<b>Max. hp @ RPM</b>	132 kW @ 4000 rpm
<b>Dry Weight</b>	258 kg



### Drive Train

<b>Drive Config</b>	N/A
<b>Gear Model</b>	KMH40A
<b>Gear Ratio</b>	2.45:1

### Propeller Data

<b>Mfg'er</b>	
<b>Pitch X Dia</b>	19 X 19
<b>No. of Blades</b>	4
<b>Cup Rating</b>	
<b>DAR/EAR</b>	
<b>Blade Rake</b>	

### Performance Summary

<b>Test Date</b>	05/06/2012
<b>Test Location</b>	Kuopio
<b>Technician</b>	Tommi Troberg
<b>Max. Speed</b>	22,4 knots
<b>Idle to 20 kn</b>	N/A
<b>Idle to 30 kn</b>	N/A

### Test Conditions

<b>Air Temp</b>	17 °C
<b>Wind Speed</b>	N/A
<b>Wind Direction</b>	N/A
<b>Water Temp</b>	N/A
<b>Wave Height</b>	N/A
<b>Tidal Current</b>	N/A

### Boat Load

<b>Fuel</b>	100 kg
<b>Water</b>	0 L
<b>Black Water</b>	0 L
<b>Gear</b>	0 kg
<b>People on Board</b>	4

### General Comments: