



BULLETIN#: PE666

ENGINE: E225DPXSE

DATE OF TEST: 6/17/08



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### 2008 Maritime Challenger 23

BOAT	
<b>2008 Maritime Challenger 23</b>	
Material:	Fiberglass
Length:	23' 3"
Beam:	8' 6"
Weight w/o Engine:	3050 LBS Dry
Maximum HP:	225 HP
Fuel Capacity:	83 Gallons
Transom Height:	25" Shaft
Steering:	Hydraulic

ENGINE	
<b>2009 Evinrude® 225 HP ETEC®</b>	
Engine Type:	Loop charged V6 90°
Horsepower:	225 HP @ 5150 RPM's
Displacement:	200 Cu.In.
Induction:	ETEC DFI
Operating Range:	4500-5800 RPM
Weight:	524 LBS Dry Weight
Gear Ratio:	1.85:1

PROPELLER	
<b>BRP Viper™</b>	
Material:	Stainless Steel
Diameter/Pitch:	14.75" x 18"
No. of Blades:	3
Part Number:	763916
MOUNTING HEIGHT	
Hole Position:	#2
Jack Plate:	N/A
AV Mounting:	N/A

PERFORMANCE DATA				
RPM	MPH	GPH	MPG	RANGE
500	2.8	0.18	15.4	1150
1000	5.0	0.79	6.3	472
1500	6.9	1.58	4.4	326
2000	8.3	3.98	2.1	156
2500	9.9	6.02	1.7	123
3000	16.6	7.16	2.3	173
<b>3500</b>	<b>23.5</b>	<b>7.93</b>	<b>3.0</b>	<b>221</b>
4000	29.7	10.65	2.8	208
4500	33.9	13.75	2.5	184
5000	38.1	17.25	2.2	165
5500	43.7	19.70	2.2	166
WOT	45.3	22.42	2.0	151
<i>Range (Miles) Based On 90% Fuel Capacity</i>				

TEST CONDITIONS	
Water Conditions:	Chop to 1 Ft.
Wind Velocity:	1 to 3 MPH
Air Temperature:	65° F
Fuel Load:	30 Gallons
Weight:	2 Men (450 Lbs), Fuel, test & safety gear, 1 Battery, convertible top

PERFORMANCE SUMMARY	
Top Speed:	<b>45.3 MPH</b>
Best Fuel Efficiency:	<b>3.0 MPG with a range of 221 Miles @ 23.5 MPH</b>
Acceleration:	<b>3.81 seconds to plane</b>

NOTE: Data may vary due to changes in weather and water conditions, elevation, load and boat bottom conditions, boat, engine and propeller options and conditions, and operator ability. Speed and fuel were calculated by NMEA 2000 I-Command. Test performed and certified by BRP OEM Applications Engineering.  
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