



BULLETIN#: P985

ENGINE:

E90DSLAA

BOAT TYPE: Aluminum

DATE OF TEST: 9/18/12



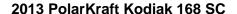


Bombardier Recreational Products Inc. 10101 Science Drive Sturtevant, WI 53177 www.evinrude.com



Nautica Global 4500 Middlebury St. Elkhart, IN 46516 574-522-8381

www.polarkraftboats.com





BOAT				
2013 PolarKraft Kodial 168 SC				
Material:	Aluminum			
Length:	16' 8"			
Beam:	87"			
Weight w/o Engine:	1072 LBS Dry			
Maximum HP:	130 HP			
Fuel Capacity:	27 Gallons			
Transom Height:	20" Shaft			
Steering:	Cable			

ENGINE				
2013 Evinrude® 90 HP ETEC®				
In Line 3 Cyl				
90 HP @ 5000 RPM				
79 Cu In				
ETEC DFI				
4500-5500 RPM				
320 LBS Dry Weight				
2.00:1				

PROPELLER				
BRP				
Material:	Aluminum			
Diameter/Pitch:	13 1/4" x 17"			
No. of Blades:	3			
Part Number:	765183			
MOUNTING HEIGHT				
Hole Position:	#1			
Jack Plate:	No			
AV Mounting:	N/A			

PERFORMANCE DATA					
RPM	MPH	GPH	MPG	RANGE	
700	3.0	0.16	18.4	448	
1000	4.2	0.20	21.0	510	
1500	5.9	0.80	7.4	179	
2000	7.1	1.70	4.1	101	
2500	17.2	2.30	7.5	181	
3000	23.5	3.30	7.1	173	
3500	28.1	4.45	6.3	153	
4000	32.5	5.75	5.6	137	
4500	35.8	7.05	5.1	123	
5150	39.4	7.70	5.1	124	
Range (Miles) Based On 90% Fuel Capacity					

TEST CONDITIONS				
Water Conditions:	Light Chop			
Wind Velocity:	10 MPH			
Air Temperature:	57° F			
Fuel Load:	1/2 full			
Weight:	1 Man, Fuel, Test Gear			

PERFORMANCE SUMMARY

Top Speed: 39.4 MPH

Best Fuel Efficiency: 7.5 MPG with a range of 181 Miles @

17.2 MPH

Acceleration: 4.1 seconds to plane

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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