

# Performance Bulletin

YPB#: 02-16-PLK-A

Test Date: 4-10-02



V150 TLRA

## Boat: Polar Kraft HP 180 PB

Length:	18'
Beam:	85"
Weight:	1,246 lbs.
Max H.P.:	150
Fuel Capacity:	27 gals.
Weight As Tested:	2,290 lbs.

## Engine: V150TLRA

Horsepower:	150
Displacement:	158.4 cu. in.
Weight:	418 lbs.
Gear Ratio:	1.86:1
Mounting Height:	#3
Propeller (Dia/Pitch):	14 1/2 x 23 Pro Series
Propeller Part #:	6J9-45972-B0-00

## Performance Data

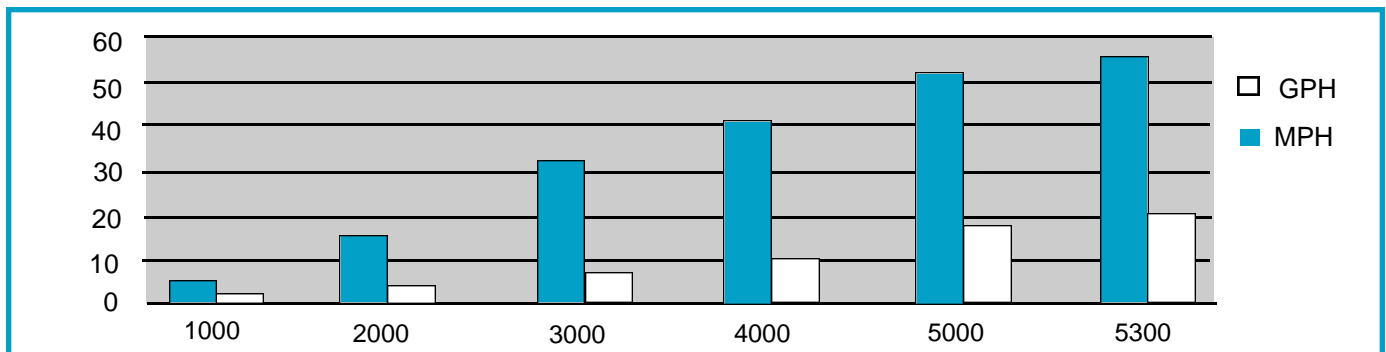
RPM	MPH	GPH	MPG	Db
1000	5.5	2.4	2.29	69
2000	16.1	4.4	3.66	73
3000	32.1	7.5	4.28	83
4000	41.9	10.4	4.03	89
5000	52.3	17.6	2.97	94
5300	55.6	20.5	2.71	98
Seconds to Plane:			2.71	

## Test Conditions

No. of People:	2
Air Temp:	73°
Water Temp:	53°
Elevation:	610'
Wind Velocity:	5-10 MPH

**Comments:** Tested weight includes 18 gallons of gas, starting battery and gear bag.

Note: Data may vary due to changes in weather, elevation, load and boat bottom conditions. Fuel data gathered with Yamaha Fuel Management System. Speed data gathered with GPS receiver.



Test performed and certified by Yamaha application engineers