

# PERFORMANCE REPORT



## BOAT

### 2013 DUSKY 278 OPEN

Material	Fiberglass
Length	27' 8"
Beam	8' 5"
Weight	3800 Lbs.
Maximum HP	450
Fuel Capacity	150 Gallons
Bracket	New Dusky Drive
Steering	Hydraulic

## ENGINE

### SUZUKI DF140 4-STROKE OUTBOARD

Engine Type	DOHC Inline 4 cyl.
HP	140
Displacement	124.7 cu. in.
Operating Range	5600 – 6200 RPM
Weight	421 Lbs. (x 2 25" Shaft)
Fuel System	Digital Sequential EFI
Ignition	Electronic
Gear Ratio	2.38:1 Counter Rotation

## OTHER SPECS

### PROPELLER

Material	Stainless Steel
Diameter/Pitch	3 x 14 x 22
Number of Blades	3
Part Number	99105-00700-22P 99105-0070L-22P

### MOUNTING HEIGHT

Hole Position	Full Down on Bracket
Jack Plate	No

## PERFORMANCE DATA

RPM	MPH	GPH	MPG	RANGE	dB
800	3.4	0.4	8.5	1148	63
1000	5.1	1.0	5.1	689	65
1500	7.1	1.8	3.9	533	68
2000	8.5	3.2	2.7	359	73
2500	10.4	5.8	1.8	242	78
3000	16.0	7.2	2.2	300	80
3500	22.7	8.8	2.6	348	83
4000	28.9	10.8	2.7	361	84
4500	33.9	14.0	2.4	327	86
5000	37.9	17.8	2.1	287	88
5500	42.0	20.8	2.0	273	88
6000	46.3	24.0	1.9	260	89

GPH for two outboards. Range (Miles) based on 90% fuel capacity. Actual results may vary.

## TEST CONDITIONS

Water Conditions	Light Chop
Wind Velocity	Calm
Air Temperature	84° F
Fuel Load	1/2 Tank
Weight	Moderate 2 People (400 Lbs) Gear (250 Lbs)

## PERFORMANCE SUMMARY

Top Speed	46.3 MPH @ 6000 RPM
Acceleration	0-30 in 9.0 Seconds
Optimum Cruising Range	361 Miles @ 4000 RPM
Best Fuel Efficiency	2.7 MPG @ 4000 RPM