

SUZUKI PERFORMANCE NOTEBOOK

Sarasota, FL

Suzuki Marine

Test Date: 1-24-2013

Test Boat: Panga

Boat Type: 29CC New Horizon

Test Motor: Suzuki DF140ATX/ATXZ



| BOAT | | ENGINE | | OTHER SPECS | |
|--------------------|-------------|-------------------------------------|-------------------|------------------------|-----------------|
| 2012 32 SCX | | Suzuki DF300APX Dual Install | | Propeller | |
| Material | Fiberglass | Engine Type | 4-Stroke 4-inline | Material | Stainless Steel |
| Length | 29' | HP | 140 x 2 (280 HP) | Diameter/Pitch | 14 x 22 |
| Beam | 8' 7" | Displacement | 2.0L | Number of Blades | 3 |
| Weight | 4700 lb.s | Operating Range | 5600-6200 | Mounting Height | |
| Maximum HP | 500 | Weight | 407 lb.s | Hole Position | 5th Hole Up |
| Fuel Capacity | 200 gallons | Lubrication | Wet Sump | Jack Plate | N/A |
| Transom Height | 25 | Fuel Delivery | Multi-Point EFI | Bracket | Yes |
| Steering | Hydraulic | Ignition | Solid State | | |

| PERFORMANCE DATA | | | | | TEST CONDITIONS | |
|------------------|------------|------------|------------|--------------|------------------|------------------|
| RPM | MPH | GPH | MPG | RANGE | Water Conditions | Moderate Chop |
| IDLE | 3.4 | 0.5 | 6.80 | 1224 | Wind Velocity | 10-14 mph |
| 1000 | 4.5 | 0.8 | 5.63 | 1013 | Air Temperature | 74 degrees |
| 1500 | 6.4 | 1.4 | 4.57 | 823 | Fuel Load | 100 gallons |
| 2000 | 8.2 | 2.3 | 3.57 | 642 | Weight Onboard | 4 persons |
| 2500 | 9.2 | 3.9 | 2.36 | 425 | | Full Safety Gear |
| 3000 | 10.5 | 5.7 | 1.84 | 332 | | |
| 3500 | 16.3 | 8.1 | 2.01 | 362 | | |
| 4000 | 22.2 | 9.9 | 2.24 | 404 | | |
| 4500 | 29.3 | 11.9 | 2.46 | 443 | | |
| 5000 | 33.2 | 15.1 | 2.20 | 396 | | |
| 5500 | 35.6 | 17.3 | 2.06 | 370 | | |
| 6000 | 41.8 | 22.9 | 1.83 | 329 | | |
| 6200 | 42.8 | 23.9 | 1.79 | 322 | | |

Results may vary. Range based on 90% fuel capacity.

PERFORMANCE SUMMARY

| | |
|-------------------|-------------|
| Top Speed | 42.8 mph |
| 0-30 Acceleration | 6.4 seconds |
| Optimum Cruising | 443 Miles |
| Range | @ 4500 |
| Best Cruising | 2.46 MPG |
| Fuel Efficiency | @ 4500 RPM |

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