

3600 Open

Twin Cummins® QSB Diesel, 380hp with ZF® Pods



PERFORMANCE REPORT

Date tested: 2/9/2012 Test Engineers: Rick Eggerding, Doug Topp

Hull Number: SSURD003A213
 Location: Ft. Pierce, Florida, ICW
 Weather: Windy 10 kts NE
 Water / Air Temp: 67 / 81

Propeller: ZF H13 5 blade, H11 4 blade
 Gear & Gear Ratio: 1.66:1
 Fuel Capacity: 350 gallons
 Fuel/Water/Waste: 80%/100%/0%
 People on Board: 4
 Gear on Board: 1,020 lbs. Includes personnel and test equipment, ship kit

PERFORMANCE:	
Acceleration:	13.5 Seconds to 27.4 smph / 26 Seconds to 39.2 smph
Optimum Cruise Speed:	25.3 mph @ 2400 RPM / 34.8mph @ 2800 RPM
Ranges at Optimum Cruise:	367 / 347 Statute Miles

RPM	MPH	Knots	GPH	SMPG	NMPG	dB,A	Trim Angle (Degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
600	6.4	5.6	1.0	6.42	5.58	66	0.0	1898	1649
800	8.0	6.9	2.0	3.98	3.45	68	0.5	1193	1037
1000	9.1	7.9	2.9	3.15	2.74	70	1.0	957	832
1200	10.2	8.9	4.7	2.17	1.89	73	2.0	664	577
1400	10.9	9.5	8.2	1.33	1.16	74	4.0	409	356
1600	11.8	10.2	12.8	0.92	0.80	78	6.0	284	246
1800	16.7	14.5	16.9	0.99	0.86	78	7.0	305	265
2000	20.8	18.1	20.1	1.03	0.90	79	7.5	320	278
2200	25.3	21.9	22.7	1.11	0.97	81	7.0	344	299
2400	29.5	25.6	24.9	1.19	1.03	80	6.0	367	319
2600	33.0	28.6	28.9	1.14	0.99	81	5.5	353	306
2700	34.8	30.3	31.3	1.12	0.97	81	5.5	346	300
2800	36.3	31.6	32.8	1.11	0.96	82	5.0	347	302
2900	37.8	32.9	36.1	1.05	0.91	82	4.5	326	283
3000	39.2	34.0	39.9	0.98	0.85	83	4.5	306	266
3015	39.2	34.1	40.6	0.97	0.84	83	4.5	301	262

This boat has passed the ABYC Quick Turn Test H-26.8.3.1 at WOT.

Comments: Boat tested with factory hardtop

Note:

Speed determined by GPS, GPH based on the total usage for the engines. MPG computed from MPH and GPH figures shown. Range based on calculated MPG and 90% of total fuel capacity. The Performance data shown above should be considered valid only for the specific boat whose serial number is shown and on the date this test was performed. Many factors may affect actual performance obtained on this boat or on similar boats. These include but are not limited to, installation of certain options such as tuna towers, hard tops, vessel loading and trim, weather and sea conditions, engine and boat condition, propeller condition, water temperature, altitude, manufacturing tolerances, etc. Tiara Yachts make no guarantees whatsoever that this performance will be repeated on this boat at a later date or at any time on a similarly equipped boat.