

Signature 543 SF - Centre Console - Suzuki DF140ATX - K14

| Test Conditions | |
|--|-----------------------------------|
| Date | 28/01/2014 |
| Location | Brisbane River |
| Conditions | .5 to 1.0m chop |
| Temperature | 27 deg |
| Crew | 2 pax |
| Outboard | |
| | DF 140ATX (K14) |
| Horsepower | 140 HP (103.0 KW) |
| Cylinder | In line 4 - 2044 cm3 |
| Weight | 184 KG |
| Gear Ratio | 2.59:1 |
| Propellor | Suzuki 13.75 x 21 |
| Engine Height | 2 holes up |
| Test Boat | |
| | Signature 543 SF - Scott Mitchell |
| Length | 5.41m |
| Beam | 2.2m |
| Dry Weight | 1400 KG est |
| Max Horsepower | 150 |
| Fuel Capacity | 170 |
| Weight as tested | 1700 est |
| Conclusion | |
| Optimal Cruise Speed | 37.3 KM/H (20.1 knots) |
| Maximum Speed | 67 KM/H (36.2 knots) |
| 0-40 KM/H | N/R |
| Range based on 95% Capacity @ optimal cruise speed | 388 KM |

| ENGINE RPM | SPEED KM/H | Litres Per Hour | Litres Per KM |
|-------------|-------------|-----------------|---------------|
| 700 | 4.2 | 1.05 | 0.25 |
| 1000 | 5.9 | 1.5 | 0.25 |
| 1500 | 8.4 | 2.8 | 0.33 |
| 2000 | 10.7 | 4.7 | 0.44 |
| 2500 | 12.2 | 7.8 | 0.64 |
| 3000 | 13.9 | 11.15 | 0.80 |
| 3500 | 27.0 | 14.45 | 0.53 |
| 4000 | 37.3 | 15.5 | 0.42 |
| 4500 | 46.5 | 24.3 | 0.52 |
| 5000 | 53.5 | 29.5 | 0.55 |
| 5500 | 60.4 | 37.9 | 0.63 |
| 6000 | 66.9 | 44.35 | 0.66 |



