



SUZUKI
MARINE

DF300AP tested on BTB 12m Landing Craft

Test conditions

| | |
|---------------------|-----------------|
| Date: | 3/08/2013 |
| Location: | Hervey Bay, QLD |
| Conditions: | 1.0m-1.5m swell |
| Temperature: | 24°C |
| Crew: | 5 |

Test Boat: BTB 12m Landing Craft

| | |
|--------------------------|--------|
| Length: | 12.0m |
| Beam: | 4.0m |
| Dry Weight: | 7500kg |
| Max Horsepower: | 900hp |
| Fuel Capacity: | 1000L |
| Weight as tested: | 9500kg |

Outboard: Twin Suzuki DF300AP

| | |
|--------------------|--|
| Horsepower: | 300hp |
| Cylinder: | V6 |
| Weight: | 274kg |
| Gear Ratio: | 2.08:1 |
| Propeller: | Suzuki 16 x 15 3 blade stainless steel |

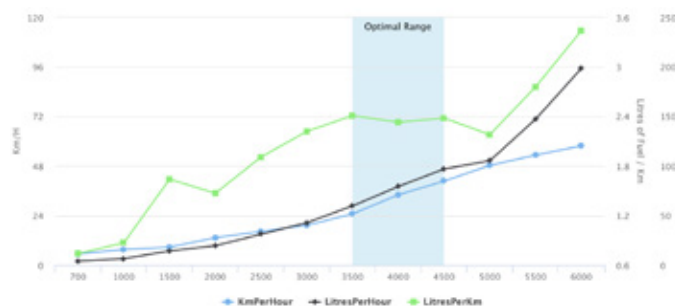
Conclusion

| | |
|--|---------------------|
| Optimal Cruise Speed: | 34.1km/h (18 knots) |
| Cruise Range (Approx) Based on 95% Fuel Capacity: | 408km |
| Maximum Speed: | 34 knots |
| 0-40km/h: | n/a |

Suzuki performance figures

| RPM | Av KM/H | L/Hr | Av L/KM |
|------|---------|-------|---------|
| 700 | 5.4 | 4 | 0.74 |
| 1000 | 7.6 | 6.6 | 0.87 |
| 1500 | 8.7 | 14.3 | 1.64 |
| 2000 | 13.3 | 19.6 | 1.47 |
| 2500 | 16.3 | 31.2 | 1.91 |
| 3000 | 19.3 | 42.8 | 2.22 |
| 3500 | 24.8 | 59.8 | 2.41 |
| 4000 | 34.1 | 79.4 | 2.33 |
| 4500 | 40.7 | 97 | 2.38 |
| 5000 | 48.3 | 105.4 | 2.18 |
| 5500 | 53.3 | 147.4 | 2.76 |
| 6000 | 57.8 | 198.6 | 3.44 |

Suzuki fuel consumption comparison



THE
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4-STROKE OUTBOARD

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