



| ZEN 40              |                | MERCURY 400hp   |                 | PROPELLER       |          |
|---------------------|----------------|-----------------|-----------------|-----------------|----------|
| Hull Type           | Deep-V stepped | Engine          | 4 Stroke – V10  | Revolution X    | 18"x 27" |
| Deadrise at transom | 26 degrees     | HP              | 400             | Blades          | 4        |
| Dry Weight          | 3200Kg         | Displacement    | 5.7L            | Material        | S. Steel |
| Length              | 12.00m         | Weight          | 316 kg          |                 |          |
| Beam                | 3.27m          | Operating Range | 5800 - 6400 rpm | MOUNTING HEIGHT |          |
| Max power           | 2x450hp        | Gear Ratio      | 2.08:1          | Hole Position   | 6th      |
| Water Capacity      | 200lts         |                 |                 | Jack Plate      | No       |
| Fuel Capacity       | 555/730lts     |                 |                 | A/V plate-keel  | -- cm    |

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| TEST CONDITIONS |          |  |  |                  |         |
|-----------------|----------|--|--|------------------|---------|
| Sea State       | 2bf      |  |  | Fuel             | 200ltrs |
| Wind speed      | ---kts   |  |  | Crew Weight      | 250 Kgs |
| Waves height    | 0.3-0.5m |  |  | Equipment Weight | 300 Kgs |

| PERFORMANCE DATA |       |     |      |      |        | USEFUL REMARKS       |                     |
|------------------|-------|-----|------|------|--------|----------------------|---------------------|
| RPM              | KNOTS | LPH | LPM  | SLIP | RANGE* | On Plane             | -- Knots@ --rpm     |
| 3500             | 30    | --  | 2.45 | 22%  | --nm   | W.O.T.               | 6400rpm             |
| 4000             | 35    | --  | 2.5  | 18%  | --nm   | Top Speed            | 63.3 Knots          |
| 4500             | 41    | --  | 2.8  | 14%  | --nm   | Acceleration         | 0-30 Knots in --sec |
| 5000             | 48    | --  | 3.5  | 10%  | --nm   | Time to plane        | --sec               |
| 5500             | 53    | --  | 3.8  | 9.7% | --nm   | Best Fuel Efficiency | 2.45lpm @ 3500rpm   |
| 6400             | 63.3  | --  | 4.5  | 7%   | -----  | Optimum Range        | @ 30kts<br>Knots    |

\*The range numbers correspond roughly to the quantity of fuel we had during our sea trial.