# PROPS TEST

**TEST DATE 03/2026**



| ROCK 40 | |
|---|---|
| Hull Type | Stepped Deep-V |
| Deadrise at transom | 22 degrees |
| Dry Weight | 4900Kg |
| Length | 12.00m |
| Beam | 3.90m |
| Fuel capacity | 1000lts |
| Water capacity | 250lts |
| Max power | 1500hp |

[www.rockmarine.com](http://www.rockmarine.com)

| HONDA 350hp | |
|---|---|
| Engine | 4 Stroke – V8 |
| HP | 350 |
| Displacement | 4952cc |
| Weight | 347 kg |
| Operating Range | 5000 - 6000 rpm |
| Gear Ratio | 1.79:1 |

[www.hondamarine.com](http://www.hondamarine.com)

| PROPELLER | |
|---|---|
| ECO Enertia | 16”x 21” |
| Blades | 3 |
| Material | Alloy |

| MOUNTING HEIGHT | |
|---|---|
| Hole Position | -- |
| Jack Plate | No |
| A/V plate-keel | -- cm |

## TEST CONDITIONS

| | | | |
|---|---|---|---|
| Sea State | 1bf | Fuel | 450ltrs |
| Wind speed | ---kts | Crew Weight | 350 Kgs |
| Waves height | 0… m | Equipment Weight | 300 Kgs |

## PERFORMANCE DATA

| RPM | KNOTS | LPH | LPM | SLIP | RANGE* |
|---|---|---|---|---|---|
| 3000 | 26 | -- | 2.9 | 35% | --nm |
| 3500 | 32 | -- | 3.2 | 34% | --nm |
| 4000 | 37 | -- | 3.7 | 34% | --nm |
| 4500 | 42 | -- | 4.1 | 24% | --nm |
| 5000 | 47 | -- | 4.5 | 16% | --nm |
| 5500 | 52 | -- | 5.7 | 12% | --nm |
| 6200 | 57.5 | -- | 6.8 | 10% | --nm |

## USEFUL REMARKS

| | |
|---|---|
| On Plane | 14 Knots@ 2400rpm |
| W.O.T. | 6200rpm |
| Top Speed | 57.5 Knots |
| Acceleration | 0-30 Knots in 7sec |
| Time to plane | 6sec |
| Best Fuel Efficiency | 2.9lpm @ 3000rpm |
| Optimum Range | --nm with --lts of fuel @ |

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