

# 14m Fast Interceptor - Data

**Dimension - Hull only = 12.7m**

**Hull + Transom brackets = 13.6m**

**BOA - 3.32m**

**Draft - 0.5m**

**Fuel Capacity - 1400 L**

**Construction - Aluminum**

**Design Category B (ISO / CE)**

**Design meet MCA MGN280 standard**

**Construction to DNV High Speed Craft Rules**

**Engine requirement at 50% load capacity (fuel):**

**Speed @ WOT**

**44 knots - 620 HP required**

**49 knots - 772 HP required**

**54 knots - 930 Hp required**

**60 knots - 1158 Hp required**

**65 knots - 1358 Hp required**

**70 knots - 1576 Hp required**

**Acceleration data with 3 x 300 Hp OBM:**

**0-15 knots : 4 sec**

**0-40 knots : 10 sec**

**0-20 knots : 5.5 sec**

**0-45 knots : 12.5 sec**

**0-25 knots : 6.6 sec**

**0-50 knots : 14 sec**

**0-30 knots : 7.1 sec**

**0-55 knots : 16 sec**

*Data may change depending on wind / prop eg*

**Acceleration data (G's)**

*Our newly designed hull with new frame assembly method and arrangement has undergone a series of test to determine if acceleration (G's) is acceptable or less than normal conventionally designed hulls. The verdict is that our hull has on average 20% less slamming acceleration force (G's) than similar conventional hulls of this length.*

