

PERFORMANCE REPORT

Aquador 32 C
D6-370



BOAT & ENGINE DATA

Boat type: Aquador 32 C
Manufacturer: Bella Veneet Oy
LOA: 9,7 m
Beam: 3,4 m
LWL:
Engine model: 1 x D6-370
Output: 370,0 Hp
Engine speed: 3500
Drive/rev. gear: HS80AE
Gear ratio: 1,96:1
Deadrise angle:

TEST CONDITION

Displacement: 4700 kg (excl. crew)
Weight checked by: Estimated
Crew: 5
Fuel: 28 %
Water: 0 %
Propeller type/size: 0.8 x 0.9 x 5
Speed checked by: GPS
Air temp: 5,0 °C
Water temp: 6,0 °C
Sea:
Water: Salt

BOAT TEST

| RPM | Speed (kn) | Fuel cons. (l/h) | Fuel cons. (l/nm) |
|------|---------------|---------------------|----------------------|
| 3575 | 28,0 | 78,0 | 2,8 |
| 3200 | 24,9 | 57,0 | 2,3 |
| 3000 | 23,0 | 50,0 | 2,2 |
| 2800 | 20,4 | 45,0 | 2,2 |
| 2600 | 17,2 | 37,5 | 2,2 |
| 2400 | 15,0 | 32,0 | 2,1 |
| 2200 | 12,0 | 26,0 | 2,2 |
| 2000 | 10,0 | 23,0 | 2,3 |

ACCELERATION

| Idle to (kn) | Time (sec) |
|-----------------|---------------|
| 10,0 | 6,8 |
| 15,0 | 10,1 |
| 25,0 | 15,4 |

TEST INFORMATION

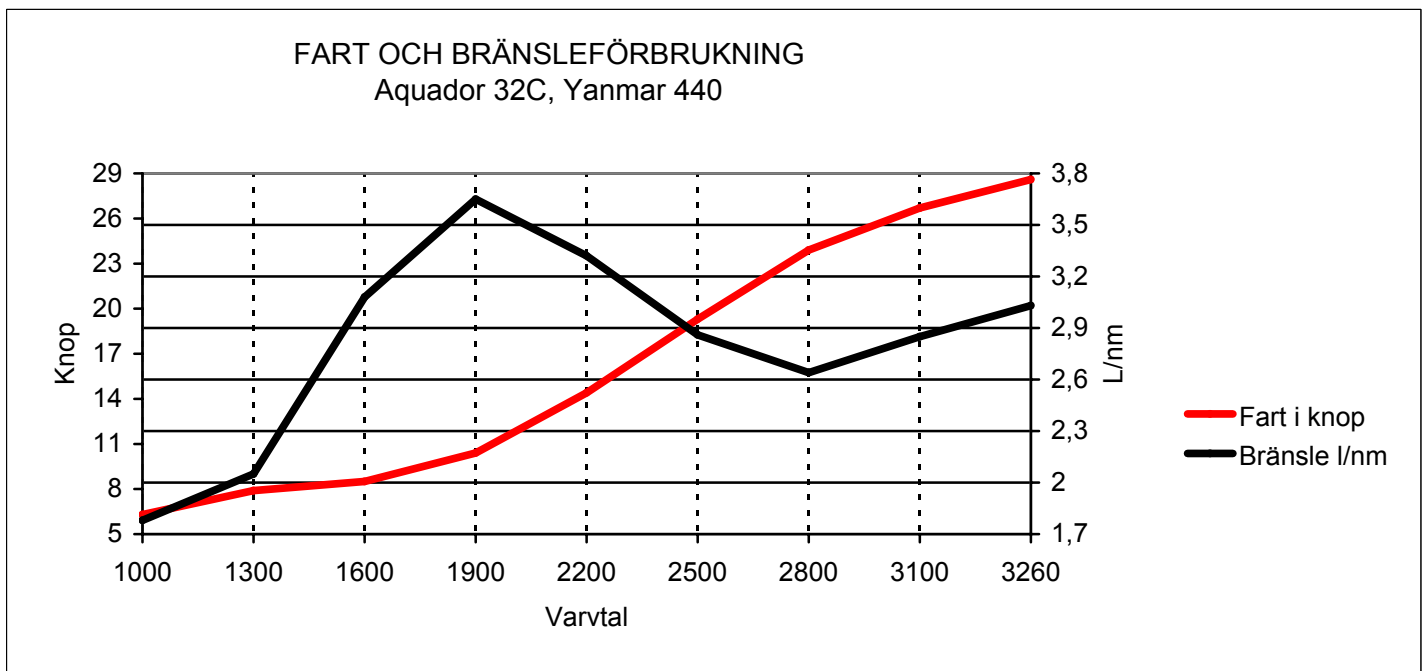
Performed by: Simo Salo / Kenth Lang
Test location: Botnia
Test date: 2004-11-09

The results refer to the test boat only. Performance may vary due to weather and load conditions. Any guarantee is a matter between the boat manufacturer and the customer.



**VOLVO
PENTA**

| | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|------|------|
| | 3260 | 3100 | 2800 | 2500 | 2200 | 1900 | 1600 | 1300 | 1000 |
| Bränsle l/nm | 3,03 | 2,85 | 2,64 | 2,86 | 3,32 | 3,65 | 3,08 | 2,05 | 1,78 |
| Fart i knop | 28,6 | 26,7 | 23,9 | 19,3 | 14,4 | 10,4 | 8,5 | 7,9 | 6,3 |



| Varvtal | Ljud dBA |
|---------|----------|
| 3260 | 84 |
| 3100 | 82 |
| 2800 | 82 |
| 2500 | 80 |
| 2200 | 78 |
| 1900 | 77 |
| 1600 | 75 |
| 1300 | 74 |
| 1000 | 67 |
| Tomgång | 66 |

| Acceleration | Sekunder |
|--------------|----------|
| 0-15 knop | 14 |
| 0-25 knop | 25,8 |
| | 11,8 |

Propeller:

Ekonomisk fart är vid 2800 varv/minut, 23,9 knop, 2,64 l/nm

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