

# Cabo Yachts Sea Trial

# C32X

## Cabo 32 Express

## Caterpillar C7 / 339kW / 455HP<sub>BHP</sub> / 461HP<sub>METRIC</sub>

Gear ZF 280A 1.483:1

Newport Beach, CA

Prop Michigan DQX, 22x24, 0.735 DAR, 5 cup

23-Jun-05

### Conditions

Temp Air 68 deg F  
Water 63 deg F

Tanks Fuel - Aft tank - Full  
Wtr - Full

Sea 2-3 ft

Misc Tower, No Enclosure

Wind S 5 kts

5 Persons  
Safety Gear/Anchor/Tools

|       | RPM  | V kts | gal/hr/eng | gal/hr | l/h | Range [nm] | nm/gal | nm/l |
|-------|------|-------|------------|--------|-----|------------|--------|------|
|       | 800  | 7.4   | 1.1        | 2.2    | 8   | 1093       | 3.4    | 0.89 |
|       | 1000 | 8.5   | 2.7        | 5.4    | 20  | 512        | 1.6    | 0.42 |
|       | 1200 | 9.3   | 4.4        | 8.8    | 33  | 343        | 1.1    | 0.28 |
|       | 1400 | 10.2  | 6.7        | 13.4   | 51  | 247        | 0.8    | 0.20 |
|       | 1600 | 12.8  | 9.0        | 18.0   | 68  | 231        | 0.7    | 0.19 |
|       | 1800 | 16.0  | 11.2       | 22.4   | 85  | 232        | 0.7    | 0.19 |
|       | 2000 | 20.9  | 11.9       | 23.8   | 90  | 285        | 0.9    | 0.23 |
|       | 2200 | 25.4  | 13.9       | 27.7   | 105 | 298        | 0.9    | 0.24 |
|       | 2400 | 28.6  | 15.8       | 31.5   | 119 | 295        | 0.9    | 0.24 |
|       | 2600 | 31.6  | 19.2       | 38.3   | 145 | 268        | 0.8    | 0.22 |
|       | 2800 | 34.5  | 22.7       | 45.4   | 172 | 247        | 0.8    | 0.20 |
| WOT > | 2860 | 35.0  | 24.9       | 49.8   | 188 | 228        | 0.7    | 0.19 |

Single Eng Idle

4.4 kts

Two Eng Idle

6.7 kts

Range (nautical miles) is based on 325 gals useable fuel

0-20 kts

14.0 sec

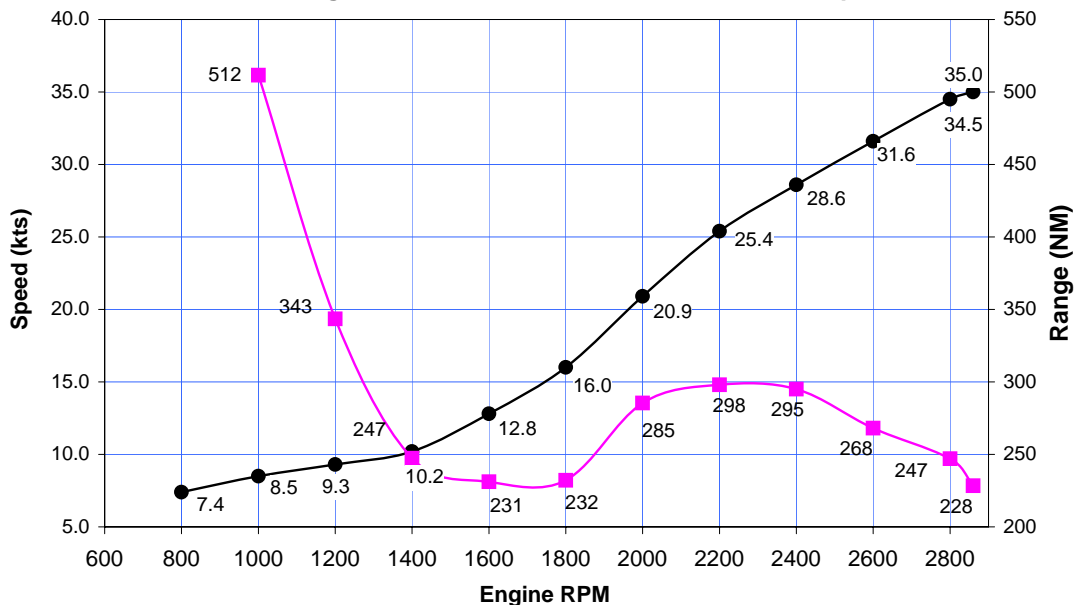
0-30 kts

20.2 sec

**Cabo 32 Express 08 - Caterpillar C7 339kW / 455HP<sub>BHP</sub> / 461HP<sub>M</sub>**

**ZF280A 1.483:1**

**Michigan DQX, 22x24 4B, Nibral, 0.735 DAR, 5 Cup**



Sea trials represent the performance of an individual boat as measured with specific loads under specific conditions. The information is provided for reference only. There is no specific or implied guarantee that any other vessel will meet or exceed the performance shown above. Data is not intended for navigation.

# Cabo Yachts Sea Trial

# C32X

**Cabo 32 Express**

**Cummins QSB5.9 / 313kW / 420HP<sub>SAE</sub> / 425HP<sub>METRIC</sub>**

Gear ZF 280A 2.000:1  
 Prop Veem Star-C, 22 x 32 4B, 0.800 DAR

Osterville, MA  
 5-Oct-05

**Conditions**

Temp Air 70 deg F  
 Water 70 deg F  
 Sea 0-1 ft  
 Wind 7 kts - SW

Tanks Fuel - Aft tank - Full  
 Wtr - Full  
 Misc No hardtop, no enclosure  
 4 persons  
 Safety Gear/Tools/Test Equipment

|       | RPM  | V kts | gal/hr/eng | gal/hr | l/h | Range [nm] | nm/gal | nm/l |
|-------|------|-------|------------|--------|-----|------------|--------|------|
|       | 800  | 5.8   | 0.9        | 1.8    | 7   | 1047       | 3.2    | 0.85 |
|       | 1000 | 7.0   | 1.4        | 2.8    | 11  | 813        | 2.5    | 0.66 |
|       | 1200 | 7.9   | 2.2        | 4.4    | 17  | 584        | 1.8    | 0.47 |
|       | 1400 | 8.5   | 3.6        | 7.2    | 27  | 384        | 1.2    | 0.31 |
|       | 1600 | 10.0  | 5.2        | 10.4   | 39  | 313        | 1.0    | 0.25 |
|       | 1800 | 13.3  | 7.3        | 14.6   | 55  | 296        | 0.9    | 0.24 |
|       | 2000 | 16.8  | 9.2        | 18.4   | 70  | 297        | 0.9    | 0.24 |
|       | 2200 | 21.6  | 10.3       | 20.6   | 78  | 341        | 1.0    | 0.28 |
|       | 2400 | 25.6  | 12.0       | 24.0   | 91  | 347        | 1.1    | 0.28 |
|       | 2600 | 28.5  | 13.9       | 27.8   | 105 | 333        | 1.0    | 0.27 |
|       | 2800 | 30.6  | 16.1       | 32.2   | 122 | 309        | 1.0    | 0.25 |
|       | 3000 | 33.3  | 19.3       | 38.6   | 146 | 280        | 0.9    | 0.23 |
| WOT > | 3055 | 34.5  | 20.7       | 41.4   | 157 | 271        | 0.8    | 0.22 |

Single Eng Idle

4.3 kts

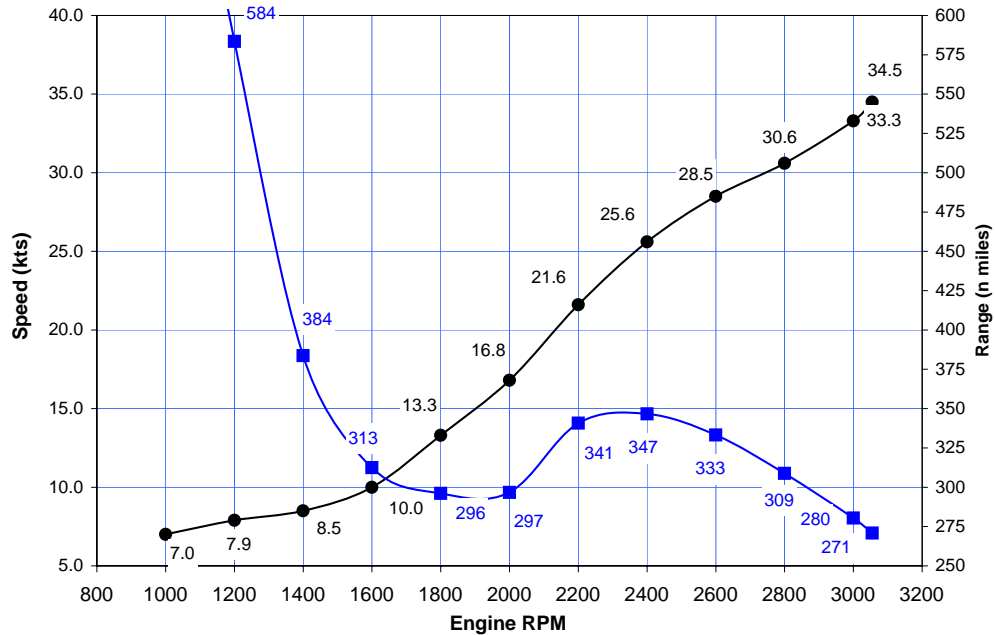
Two Eng Idle

4.8 kts

Range (nautical miles) is based on 325 gals useable fuel

**Cabo 32 Express - Cummins QSB5.9 313kW / 420HP<sub>SAE</sub> / 425HP<sub>M</sub>  
 ZF280A 2.000:1**

**Veem Star-C, 22x32 4B, Nibral, 0.800 DAR**



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