

POLAR DIAGRAM

BOAT SPEED AS A FUNCTION OF TRUE WIND VELOCITY & APPARENT ANGLE

Yacht

CSC35 34.53 LOA  
 Masthead Sloop, 165% Jib. Keel  
 Folding Exposed Prop

| WIND | OPTIMUM VMG BEAT | OPTIMUM VMG RUN | OPTIMUM RUN Z |
|------|------------------|-----------------|---------------|
| 6kt  | 2.948            | 3.343           | 113°          |
| 8kt  | 3.641            | 4.260           | 104°          |
| 10kt | 4.132            | 5.061           | 120°          |
| 12kt | 4.436            | 5.821           | 148°          |
| 16kt | 4.737            | 6.848           | 167°          |
| 20kt | 4.824            | 7.589           | 170°          |

Notes:

Boat-speed curves are given at six different true wind velocities as shown at right:

● = optimum run angle.

Run: 5/23/90 16:43:38 Cert 26285  
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