

Aslberg Express 34 - Polars

Express34.wordpress.com



Optimum Beat

Optimum Run

| True Wind (Kts) | Bearing | Speed | VMG | Heel | Bearing | Speed | VMG |
|-----------------|-----------------|-------|------|-----------------|---------|-------|------|
| 8 | 46 ⁰ | 5.61 | 3.93 | 12 ⁰ | 143 | 5.33 | 4.24 |
| 10 | 43 ⁰ | 6.03 | 4.42 | 18 ⁰ | 148 | 6.00 | 5.10 |
| 12 | 41 ⁰ | 6.22 | 4.71 | 21 ⁰ | 162 | 6.17 | 5.88 |
| 14 | 40 ⁰ | 6.33 | 4.88 | 23 ⁰ | 169 | 6.65 | 6.53 |
| 16 | 39 ⁰ | 6.40 | 4.97 | 25 ⁰ | 172 | 7.09 | 7.02 |
| 20 | 39 ⁰ | 6.51 | 5.06 | 25 ⁰ | 173 | 7.94 | 7.87 |

Beam Reach - Bearing = 80⁰

Beam Reach + Bearing = 110⁰

Broad Reach Bearing = 135⁰

Run Bearing = 180⁰

| True Wind (Kts) | Speed | Heel | Speed | Heel | Speed | Heel | Speed |
|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|
| 8 | 6.83 | 16 ⁰ | 6.85 | 6 ⁰ | 5.88 | 2 ⁰ | 3.94 |
| 10 | 7.25 | 12 ⁰ | 7.38 | 10 ⁰ | 6.72 | 3 ⁰ | 4.85 |
| 12 | 7.60 | 18 ⁰ | 7.81 | 16 ⁰ | 7.25 | 3 ⁰ | 5.72 |
| 14 | 7.84 | 25 ⁰ | 8.15 | 22 ⁰ | 7.72 | 4 ⁰ | 6.46 |
| 16 | 7.99 | 27 ⁰ | 8.39 | 28 ⁰ | 8.18 | 6 ⁰ | 6.98 |
| 20 | 8.22 | 28 ⁰ | 8.75 | 30 ⁰ | 9.04 | 11 ⁰ | 7.84 |

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