

TEST DATE / PLACE: 8.9.2016 Vuosaari

BOAT

NAME Silver
 MODEL Eagle BR 640
 MATERIAL Aluminium
 LENGTH 640
 WIDTH 225
 HULL WEIGHT 840
 LOADED WEIGHT
 MAXIMUM HP 200
 PERSONS 8
 GASOLINE 50 l

| RPM | SPEED KTS | | | FUEL CONSUMPTION L/H | | | L/NM |
|------|-----------|------|---------|----------------------|------|---------|---------|
| | -> | <- | AVERAGE | -> | <- | AVERAGE | AVERAGE |
| 650 | 2,4 | 2,6 | 2,50 | 1,6 | 1,9 | 1,75 | 0,70 |
| 1000 | 4,1 | 4,8 | 4,45 | 3,1 | 2,8 | 2,95 | 0,66 |
| 1500 | 5,8 | 6,3 | 6,05 | 6,2 | 5,7 | 5,95 | 0,98 |
| 2000 | 7,3 | 8,0 | 7,65 | 10,0 | 8,1 | 9,05 | 1,18 |
| 2500 | 13,1 | 14,4 | 13,75 | 12,0 | 11,7 | 11,85 | 0,86 |
| 3000 | 20,4 | 20,5 | 20,45 | 15,6 | 14,4 | 15,00 | 0,73 |
| 3500 | 25,5 | 25,5 | 25,50 | 20,6 | 18,9 | 19,75 | 0,77 |
| 4000 | 30,5 | 30,9 | 30,70 | 28,5 | 26,9 | 27,70 | 0,90 |
| 4500 | 35,6 | 34,6 | 35,10 | 37,6 | 32,8 | 35,20 | 1,00 |
| 5000 | 39,4 | 38,5 | 38,95 | 48,0 | 43,9 | 45,95 | 1,18 |
| 5500 | 43,9 | 43,0 | 43,45 | 64,3 | 57,3 | 60,80 | 1,40 |
| 5700 | 45,2 | 45,8 | 45,50 | 71,0 | 71,7 | 71,35 | 1,57 |

ENGINE

Honda
 MODEL BF200
 SHAFT LENGTH XL
 ENGINE HEIGHT #3

PROPELLER

BLADES X DIA X PITCH 3 x 14 3/4" x 19"
 58133-ZY3-A19HR
 MATERIAL Steel
 MANUFACTURER Honda

| SPEED KTS | RPM | | | FUEL CONSUMPTION L/H | | | L/NM |
|-----------|------|------|---------|----------------------|------|---------|---------|
| | -> | <- | AVERAGE | -> | <- | AVERAGE | AVERAGE |
| 15 | 2550 | 2700 | 2625 | 12,0 | 14,4 | 13,20 | 0,88 |
| 20 | 2950 | 2950 | 2950 | 14,8 | 13,9 | 14,35 | 0,72 |
| 25 | 3500 | 3400 | 3450 | 21,1 | 18,2 | 19,65 | 0,79 |
| 30 | 4000 | 3900 | 3950 | 30,0 | 24,7 | 27,35 | 0,91 |
| 35 | 4500 | 4450 | 4475 | 35,5 | 33,3 | 34,40 | 0,98 |
| 40 | 5150 | 5100 | 5125 | 52,8 | 50,4 | 51,60 | 1,29 |
| 45 | 5700 | 5750 | 5725 | 71 | 71,7 | 71,35 | 1,59 |

LOWEST PLANING SPEED

RPM
 SPEED

