**Elektrimootorid**

**Siin on allpool tüüpiline tabel valikuks , mis kahjuks üldjuhul ei kehti!**

Minu enda suuremale paadile 320 kg +84 kg ennast otsa, ca 400 kg kokku, on väga hea 55 naela veojõuga mootor, miinimumiks pakuks 40 naela, kuid siis võite mõnikord hätta jääda. Seesama 55 naelase veojõuga mootor on ülihea ka minu ülikergele Port Botele, ja ei tarvita liigselt voolu, kuna on impulssmootor ja sõidan osakoormustel. Tarvitab sama vähe , kui poole nõrgem mootor astmetega, tegelikult isegi veel vähem. Sellise variandiga sõidate iga ilma ja oluga ning väikese voolu kuluga kui pole ekstreemtingimused.

**Motor Thrust vs. Boat Weight and Length**

**General recommendation for electric trolling motor thrust is about 2kg for every 100kg (approximately 2 pounds of thrust per 100 pounds) of loaded boat. Note we said 'loaded boat' - that means weight of the boat fully loaded with fuel, batteries, gear, and maximum number of passengers. For example, 2000kg (~4400 pounds) boat requires around 40kg (~90 pounds) of thrust for trolling in calm to moderate conditions.**

If you prefer to fish during calm weather, using live bait (slower trolling speeds), then you can take even weaker trolling motor. But, if you like fishing during not-so-calm weather, some power reserve is required (10-20 pounds of thrust more).

For example, **Minn Kota 55**, has 55 pounds of maximum thrust, operates at 12V and has 60A recommended circuit breaker. As a rule of thumb, this motor is enough for 2750 pound boat. But, if you add one more battery and use **Minn Kota 80** (80 pounds of thrust, operates at 24V, same 60A recommended circuit breaker and same cables), you will extend your fishing time on single recharge and easily increase your trolling speed when required. Not to mention, that this motor can push 4000 pounds boat around with ease. In this example, I used Minn Kota motor just for an example, of course.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Boat Weight (pounds) | 2000 | 2500 | 3000 | 3500 | 4000 | 5000 |
| Boat Length (feet) | <16 | ~17 | ~18 | ~19 | ~20 | 21+ |
| Minimum Recommend Thrust (pounds) | 40 | 50 | 60 | 70 | 80 | >100 |
| Recommended Thrust With Power Reserve (pounds) | 55 | 55/80 | 80 | 86 | 101 | >112 |

If you prefer metric system, have in mind that 1 pounds is 0.453kg and 1 foot is 0.305m.

So, when deciding on how much power you actually need, take into account loaded boat weight, weather conditions, fishing style and similar. Best of all, read trolling motor manuals before purchasing them.

**Veidi normaalsem on veojõu osas Motorguide soovitus:**

**http://www.motorguide.com/motor-selector**