



Most trolling motors use a prop designed for quick acceleration to sacrifice top speed. Most are "geared" to reach about 4.25 knots (around 5 MPH). You can trade off acceleration for top speed, with a different prop.

2017-18 (2 and 4 Stroke Engine Information with Electric Thrust Comparison)			
	3.00hp Motor – 2 Stroke	2.1-2.2hp Motor – 4 Stroke	1.3hp Motor – 4 Stroke
<b>Engine</b>	71cc's 3.0hp (150+lbs thrust)	50cc/53cc's 2.1-2.2hp (110+lbs thrust)	35cc's 1.3hp (75+lbs thrust)
<b>Weight</b>	10.5lbs +/-	12lbs +/-	11lbs +/-
<b>Speed</b>	6-8.5 mph *average speeds based on common 10-12 ft. craft size and weight configuration	5-7.5 mph *average speeds based on common 10-12 ft. craft size and weight configuration	4-6 mph **average speeds based on common 10-12 ft. craft size and weight configuration
<b>Tilting Options</b>	5 Tilting Options	5 Tilting Options	5 Tilting Options
<b>Engine Type</b>	2/4 Cycle / Stroke	2/4 Cycle / Stroke	2/4 Cycle / Stroke
<b>Carburation</b>	Primer Bulb-Pulsating	Primer Bulb-Pulsating	Primer Bulb-Pulsating
<b>Starting System</b>	System Recoil	System Recoil	System Recoil
<b>Cooling System</b>	Air Cooled	Air Cooled	Air Cooled
<b>Coil Type</b>	CDI	CDI	CDI
<b>Safety Switch</b>	Kill Switch on Handle	Kill Switch on Handle	Kill Switch on Handle
<b>Fuel Mix</b>	32:1 for break in and then 25:1 for remaining usage 5oz to 1 Gallon for	None	None
<b>Fuel Tank Type</b>	Built-in Tank	Built-in Tank	Built-in Tank
<b>Oil Type</b>	2/4 Stroke Non Synthetic Oil	4 Stroke Non Synthetic Oil 30 Weight	4 Stroke Non Synthetic Oil 30 Weight
<b>Exhaust System</b>	Air Vented	Air Vented	Air Vented
<b>Shaft Type</b>	Solid	Solid	Solid
<b>Gear Box Oil</b>	Marine Gear Oil	Marine Gear Oil	Marine Gear Oil
<b>Drive System</b>	Centrifugal Clutch	Centrifugal Clutch	Centrifugal Clutch
<b>Steering</b>	Tiller Built w/ Throttle Control, Lock Idle Speed Control	Tiller Built w/ Throttle Control, Lock Idle Speed Control	Tiller Built w/ Throttle Control, Lock Idle Speed Control
<b>Engine Make</b>	Honda or Other Customer Supplied Engine	Honda or Other Customer Supplied Engine	Honda or Other Customer Supplied Engine
<b>Clutch Type</b>	Centrifugal Metallic Pads	Centrifugal Metallic Pads	Centrifugal Metallic Pads

<b>Turn Radius</b>		360 Degree	360 Degree	360 Degree
<b>Propeller Type</b>		Metal	Metal	Metal
<b>Housing Material</b>		Marine Grade Aluminum	Marine Grade Aluminum	Marine Grade Aluminum
<b>Total Weight</b>		400-600 lbs. Max. Incl. Persons	400-500 lbs. Max. Incl. Persons	300-400 lbs. Max. Incl. Persons
<b>Usage</b>		Salt Water & Fresh Water	Salt Water & Fresh Water	Salt Water & Fresh Water
<b>Will Move</b>		Kayaks, Canoes, Nucanoe, etc.	Kayaks, Canoes, Nucanoe, etc.	Kayaks, Canoes, Nucanoe, etc.