



# BF20

## Features

At 103 pounds, Honda Marine's BF20 weighs less than some 9.9 horsepower motors on the market. The engine's long-stroke design and 350cc displacement provides optimum torque throughout the rpm range. Additionally, an integrated carrying handle and programmed ignition are offered as standard features.

The motor is also available with Power Thrust design for enhanced performance and maneuverability. A low 2.33:1 gear ratio and 4-blade Power Thrust propeller combine to produce more thrust in forward and reverse, while an exhaust outlet above the anti-ventilation plate allows the propeller to run in undisturbed water while in reverse, resulting in greater thrust.

## Specifications



### Engine

Type	Four-Stroke OHC Twin Cylinder
Displacement	350 cc (21.5 cubic in)
Bore & Stroke	59 x 64 mm (2.3 x 2.5 in)
Full Throttle HP Range	5,000 – 6,000 RPM
HP Rating at Propshaft	20HP @ 5,500 RPM
Induction Scavenging	SOHC
Valves Per Cylinder	2
Fuel Delivery	Single Venturi
Ignition System	Programmed Ignition System
Starting System	Manual / Electric
Lubrication	Wet Sump
Cooling System	Water Cooled
Alternator	Electric – 12 amp (148 watt) Manual – 6 amp (76 watt)
Trim Range (Gas Assist)	4 Stage: 8°, 12°, 16°, 20°
Trim Range (Tiller)	5 Stage: 4°, 8°, 12°, 16°, 20°
Tilt Range	68° / 72°

### Drive

Gear Ratio	2.08:1
Gear Shift	F-N-R
Propeller	4-Blade Aluminum (10 x 6 ½)

### Dimensions

Transom Height(s)	(S) 381 mm / 15 in (L) 508 mm / 20 in
Dry Weight (Manual Tiller)	(S) 46 kg / 103 lbs (L) 49 kg / 108 lbs
Dry Weight (Electric Tiller)	(S) 50 kg / 110 lbs (L) 53 kg / 117 lbs
Dry Weight (Power Tilt)	(S) 58 kg / 129 lbs (L) 60 kg / 133 lbs