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MID-RANGE SERIES



Honda's mid-sized engines are perfect for pontoons, aluminum fishing boats and bay boats. They distinguish themselves with many surprising features you just won't find on other engines, such as features for easier starting and smoother running, features for ease of operation and long term durability, and features to make your boating experience a pure pleasure.

SPECIFICATIONS

Model	BF90*	BF75	BF50*
Engine			
Type	4-Stroke SOHC 4 Cylinders/16 Valves	4-Stroke SOHC 4 Cylinders/16 Valves	4-Stroke SOHC 3 Cylinders/6 Valves
Displacement	1,496 cc (91.4 cubic inches)	1,496 cc (91.4 cubic inches)	808 cc (49.3 cubic inches)
Bore & Stroke	73 mm x 89.4 mm (3.0 in x 3.5 in)	73 mm x 89.4 mm (3.0 in x 3.5 in)	70 mm x 70 mm (2.8 in x 2.8 in)
Full Throttle RPM Range	5,300-6,300 RPM	5,000-6,000 RPM	5,500-6,000 RPM
Rated Power	90 HP @ 5,800 RPM	75 HP @ 5,500 RPM	50 HP @ 6,000 RPM
Cooling System	Water Cooled	Water Cooled	Water Cooled
Fuel Delivery	Programmed Fuel Injection	Programmed Fuel Injection	3 Carburetors
Ignition System	Microcomputer Programmed	Microcomputer Programmed	PGM-IG
Starting System	Electric	Electric	Electric
Exhaust	Through Hub	Through Hub	Through Hub
Drive			
Gear Ratio	2.33:1	2.33:1	2.09:1
Gear Shift	F-N-R	F-N-R	F-N-R

Equipment				
Alternator w/voltage regulator	(Electric Start)	44-Amp (554 watt)	44-Amp (554 watt)	10-Amp (126 watt)
	(Manual Start)	-	-	-
Propeller		Optional	Optional	Optional
Diameter x Pitch (Standard)		-	-	-
Power Tilt		NA	NA	NA
Power Trim & Tilt		Standard	Standard	Available
Gas-Assisted Tilt		NA	NA	Available
Oil Pressure Alert		Standard	Standard	Standard
Temperature Alert		Standard	Standard	Standard
Rev-Limiter		Standard	Standard	Standard
Speedometer Pickup		Standard	Standard	Standard
Dimensions				
Overall Width		480 mm (18.9 in)	480 mm (18.9 in)	370 mm (14.6 in)
Recommended Transom Height	(S-type)	-	-	-
	(L-type)	508 mm (20 in)	508 mm (20 in)	508 mm (20 in)
	(X-Type)	635 mm (25 in)	635 mm (25 in)	635 mm (25 in)
Dry Weight	(S-type)	-	-	-
	(L-type)	163 kg (359 lbs)	163 kg (359 lbs)	93 kg (205 lbs)
	(X-Type)	166 kg (365 lbs)	166 kg (365 lbs)	98 kg (214 lbs)
	(JD-Type)	-	-	92 kg (203 lbs)
Carb 2008 Rating		★★★	★★★	★★★
All Honda outboards are power-rated with NMMA procedures. Specifications subject to change. *Available in jet-ready models (BF90J = 65 HP, BF50J = 35 HP).				
Model		BF40	BF30	BF25
Engine				
Type		4-Stroke SOHC 3 Cylinders/6 Valves	4-Stroke SOHC 3 Cylinders/6 Valves	4-Stroke SOHC 3 Cylinders/6 Valves
Displacement		808 cc (49.3 cubic inches)	552 cc (33.7 cubic inches)	552 cc (33.7 cubic inches)

Bore & Stroke	70 mm x 70 mm (2.8 in x 2.8 in)	61 mm x 63 mm (2.4 in x 2.5 in)	61 mm x 63 mm (2.4 in x 2.5 in)	
Full Throttle RPM Range	5,000-6,000 RPM	5,000-6,000 RPM	5,000-6,000 RPM	
Rated Power	40 HP @ 5,500 RPM	30 HP @ 6,000 RPM	25 HP @ 5,500 RPM	
Cooling System	Water Cooled	Water Cooled	Water Cooled	
Fuel Delivery	3 Carburetors	3 Carburetors	3 Carburetors	
Ignition System	PGM-IG	PGM-IG	PGM-IG	
Starting System	Electric	Electric/Recoil	Electric/Recoil	
Exhaust	Through Hub	Through Hub	Through Hub	
Drive				
Gear Ratio	2.09:1	2.08:1	2.08:1	
Gear Shift	F-N-R	F-N-R	F-N-R	
Equipment				
Alternator w/voltage regulator	(Electric Start)	10-Amp (126 watt)	10-Amp (126 watt)	10-Amp (126 watt)
	(Manual Start)	-	4-Amp (50 watt)	4-Amp (50 watt)
Propeller	Optional	3-Blade Aluminum	3-Blade Aluminum	
Diameter x Pitch (Standard)	-	9 7/8 in x 12 in	9 1/4 in x 12 in	
Power Tilt	NA	NA	NA	
Power Trim & Tilt	Available	Available	Available	
Gas-Assisted Tilt	Available	Available	Available	
Oil Pressure Alert	Standard	Standard	Standard	
Temperature Alert	Standard	Standard	Standard	
Rev-Limiter	Standard	Standard	Standard	
Speedometer Pickup	Standard	-	-	
Dimensions				
Overall Width	370 mm (14.6 in)	375 mm (14.8 in)	375 mm (14.8 in)	
(S-type)	-	381 mm (15 in)	381 mm (15 in)	

Transom Height				
Dry Weight	(S-type)	-	79 kg (174 lbs)	70.5 kg (155 lbs)
	(L-type)	93 kg (205 lbs)	72.5 kg (160 lbs)	72.5 kg (160 lbs)
	(X-Type)	-	-	-
	(JD-Type)	-	-	-
Carb 2008 Rating		★★★	★★★	★★★
All Honda outboards are power-rated with NMMA procedures. Specifications subject to change.				

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July 21, 2008



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