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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.

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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 |

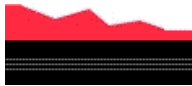
| Equipment | | | | |
|---|------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Alternator w/voltage regulator | (Electric Start) | 44-Amp (554 watt) | 44-Amp (554 watt) | 10-Amp (126 watt) |
| | (Manual Start) | - | - | - |
| 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



Tele-Lite, Inc. 80 Lowell Street Rochester, NY 14605 800.538.0022