

NEW STREET BOB® SPECIAL

FXDBC

MODEL SPECIFICATIONS¹



Specifications apply to all available markets unless noted.

DIMENSIONS	
Length	2395 mm (94.3 in.)
Overall Width	895 mm (35 in.)
Overall Height	1130 mm (44.5 in.)
Seat Height <i>(unladen)</i>	670 mm (26.4 in.)
Ground Clearance	100 mm (4 in.)
Rake <i>(steering head)</i>	29°
Fork Angle	29°
Trail	119 mm (4.7 in.)
Wheelbase	1630 mm (64.2 in.)
Tires <i>(Michelin® Scorcher® "31" front and rear):</i>	
• Front – Scorcher® "31" 100/90B19 57H	
• Rear – Scorcher® "31" 160/70B17 73V	
Fuel Capacity	17.8 L (4.7 gal.) <i>(warning light at approximately 3.4 L)</i>
Oil Capacity <i>(w/filter)</i>	2.8 L (3 qts.)
Transmission Capacity	.95 L (1 qt.)
Primary Chain Case Capacity	.95 L (1 qt.)
Weight:	
• As Shipped	291 kg (642 lbs.)
• In Running Order	304 kg (670 lbs.)
• Gross Vehicle Weight Rating	492 kg (1085 lbs.)
• Gross Axle Weight Rating:	
• Front	177 kg (390 lbs.)
• Rear	315 kg (695 lbs.)
ENGINE	
Engine	Air-cooled, Twin Cam 103™
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder
Bore x Stroke	98.4 mm x 111.1 mm (3.875 in. x 4.375 in.)
Displacement	1690 cc (103.1 cu. in.)
Compression Ratio	9.6:1
Fuel System ²	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Fiberglass Media, washable
Lubrication System	Pressurised, dry-sump

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Multi-plate, wet
Transmission	6-speed Cruise Drive®
Gear Ratios <i>(overall):</i>	
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79
CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; forged fender supports; MIG welded
Swingarm	Mild steel, rectangular tube sections, stamped junctions; MIG welded
Front Forks	49 mm with polished aluminum fork triple clamp and dual-rate springs
Rear Shocks	Coil-over shock
Wheels ³ :	Split 5-Spoke Cast Aluminum wheel
• Front	19 in. x 2.5 in. (483 mm x 64 mm)
• Rear	17 in. x 4.5 in. (432 mm x 114 mm)
Brakes:	
• Caliper Type	4-piston fixed front, and 2-piston torque-free floating rear
• Rotor Type <i>(diameter x width):</i>	Patented, uniform expansion rotors (floating, front only)
• Front <i>(floating)</i>	300 mm x 5.1 mm (11.8 in. x 0.2 in.)
• Rear	292 mm x 5.8 mm (11.5 in. x 0.23 in.)
• Anti-lock Braking System	Optional
Suspension Travel:	
• Front Wheel	127 mm (5 in.)
• Rear Wheel	80 mm (3.1 in.)
PERFORMANCE	
Engine Torque ⁴ :	
• HDI <i>(per EEC/95/1)</i>	130 Nm (95.9 ft-lb) @ 3000 RPM
Lean Angle <i>(per J1168):</i>	
• Right	30°
• Left	31°
Fuel Economy ⁵	5.5 L/100 km (43 mpg) <i>(EPA urban/highway test)</i>

ELECTRIC	
Battery <i>(per Battery Council International Rating)</i>	Sealed, maintenance-free, 12V, 19-amp/hour, 270 cca
Charging	Three-phase, 40-amp system (493W @ 13.5V, 2000 RPM, 540W max power @ 13.5V)
Starting	1.2 kW electric with solenoid shift starter motor engagement
Lights <i>(as per country regulation):</i>	
• Headlamp <i>(Quartz Halogen)</i>	55-watt low beam, 60-watt high beam
• Indicator Lamps	High beam, directional light bar, neutral, low oil pressure, engine diagnostics, turn signals, security system ⁶ <i>(optional)</i> , 6-speed, low fuel warnings
Electric Power Outlet	Standard
WARRANTY	
Warranty	24 months <i>(unlimited mileage)</i>
Service Interval ⁷	First 1600 km (1000 miles), every 8000 km (5000 miles) thereafter

¹ Vehicles depicted may differ from vehicles manufactured and delivered. Specifications and prices listed may differ from specifications and prices of vehicles manufactured and delivered. All product descriptions (including depictions, specifications, dimensions, measurements, ratings and competitive comparisons) are based on available information at the time of publication. Although such descriptions are believed correct, errors and changes can occur and complete accuracy cannot be guaranteed. Harley-Davidson may make changes at any time to prices and specifications, and may change or discontinue models, without notice and without incurring any obligation. Attention: Vehicles in the configurations shown and many of the accessories described in this catalog may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information. All models feature 6-speed transmission (V-Rod® models and Sportster® models are 5-speed) and carbon fiber belt final drive; multi-plate clutch with diaphragm spring in oil bath; and 2-year unlimited mileage warranty.

² Recommended 91 octane or higher fuel (R+M)/2.

³ Standard and optional wheels may vary by country and region.

⁴ Values shown are nominal. Performance may vary by country and region.

⁵ The combined fuel economy numbers were derived using a combination of estimated city and highway values. Fuel economy estimates are derived from US EPA exhaust emission certification data on a sample motorcycle from the corresponding family under ideal laboratory conditions. Your actual fuel economy will vary depending on your personal riding habits, road and driving conditions, vehicle condition and maintenance, tire pressure, vehicle configuration (parts and accessories), and vehicle loading (cargo, rider and passenger weight). Break-in mileage may vary.

⁶ North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

⁷ Inspections of certain systems and components are required at 4000 km (2500 mile) intervals. See Owner's Manual for full details.

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COLORS/CALLOUTS



SOLIDS

Black Denim *(shown)*

* Availability of colors may vary from dealer to dealer, and is subject to change without notice.

† Limited availability. See your dealer for details and available colors.

Model shown in HDI configuration.

The vehicle models, configurations, options, and accessories pictured or otherwise described in this reference guide may not be available in all countries.

