



| DIMENSIONS | |
|---|---|
| Length | 94.3 in. (2396 mm) |
| Overall Width | 39 in. (990 mm) |
| Overall Height | 43.1 in. (1095 mm) |
| Seat Height: | |
| • Laden ² | 25 in. (635 mm) |
| • Unladen | 27.2 in. (690 mm) |
| Ground Clearance | 5.1 in. (130 mm) |
| Rake (steering head) | 31° |
| Fork Angle | 31° |
| Trail | 5.8 in. (147 mm) |
| Wheelbase | 64.4 in. (1635 mm) |
| Tires (Dunlop® Harley-Davidson® Series, radial blackwall front and rear): | |
| • Front – D408F | 140/75R17 67V |
| • Rear – D407 | 200/55R17 78V |
| Fuel Capacity | 5 gal. (18.9 L) <i>(warning light at approximately 1.0 gal.)</i> |
| Oil Capacity (w/filter) | 3.5 qts. (3.3 L) |
| Transmission Capacity | 1 qt. (.95 L) |
| Primary Chain Case Capacity | 1 qt. (.95 L) |
| Weight: | |
| • As Shipped | 694 lbs. (315 kg) |
| • In Running Order | 725 lbs. (329 kg) |
| • Gross Vehicle Weight Rating | 1160 lbs. (526 kg) |
| • Gross Axle Weight Rating: | |
| • Front | 430 lbs. (195 kg) |
| • Rear | 730 lbs. (331 kg) |
| ENGINE | |
| Engine | Air-cooled, Twin Cam 103B™ |
| Valves | Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder |
| Bore x Stroke | 3.87 in. x 4.374 in. (98.4 mm x 111.1 mm) |
| Displacement | 103.1 cu. in. (1690 cc) |
| Compression Ratio | 9.6:1 |
| Fuel System ³ | Electronic Sequential Port Fuel Injection (ESPFI) |
| Air Cleaner | Paper, washable |
| Lubrication System | Pressurized, 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 (overall): | U.S. |
| • 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, round tube sections, forged junctions; MIG welded |
| Front Forks | 41.3 mm telescopic, “beer can” covers |
| Rear Shocks | Hidden, horizontal-mounted, coil-over |
| Wheels: | Mirror Chrome Aluminum Bullet Hole Disc |
| • Front | 17 in. x 3.5 in. (432 mm x 89 mm) |
| • Rear | 17 in. x 6 in. (432 mm x 152 mm) |
| Brakes: | |
| • Caliper Type | 4-piston front and 2-piston rear |
| • Rotor Type (diameter x width): | Patented, uniform expansion rotors |
| • Front | 11.5 in. x .2 in. (292 mm x 5.1 mm) |
| • Rear | 11.5 in. x .23 in. (292 mm x 5.8 mm) |
| • Anti-lock Braking System | Standard |
| Suspension Travel: | |
| • Front Wheel | 5.1 in. (130 mm) |
| • Rear Wheel | 4.3 in. (109 mm) |
| PERFORMANCE | |
| Engine Torque ⁵ (per J1349): | |
| • North America | 97.4 ft. lbs. @ 3000 RPM (132 Nm @ 3000 RPM) |
| Lean Angle (per J1168): | |
| • Right | 26.2° |
| • Left | 27° |
| Fuel Economy ⁶ (EPA urban/highway test) | 42 mpg (5.6 L/100 km) |

| ELECTRIC | |
|--|---|
| Battery (per Battery Council International Rating) | Sealed, maintenance-free, 12V, 19-amp/hour, 270 cca |
| Charging | Three-phase, 38-amp system (439W @ 13V, 2000 RPM, 489W max power @ 13V) |
| Starting | 1.2 kW electric with solenoid shift starter motor engagement |
| Lights (as per country regulation): | |
| • Headlamp (quartz halogen) | 55-watt low beam, 60-watt high beam |
| • Tail/Stop Lights | 8W/28W (5W/21W) |
| • Turn Signal Lights | 28W (21W) self-canceling |
| • Indicator Lamps | High beam, neutral, low oil pressure, turn signals, engine diagnostics, security system ⁷ (optional), 6-speed, low fuel warnings |
| WARRANTY | |
| Warranty ⁸ | 24 months (unlimited mileage) |
| Service Interval ⁹ | First 1000 miles (1600 km), every 5000 miles (8000 km) 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 Measurement reflects 180 lb. (81.7 kg) operator weight.

³ Recommended 91 octane or higher fuel (R+M)/2.

⁴ Standard and optional wheels may vary by country and region.

⁵ Values shown are nominal. Performance may vary by country and region.

⁶ 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.

⁷ North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

⁸ See motorcycle owner's manual for complete details.

⁹ Inspections of certain systems and components are required at 2,500 mile (4,000 km) intervals. See Owner's Manual for full details.