



### DIMENSIONS

Length	<b>94.3 in.</b> (2395 mm)
Overall Width	<b>39.0 in.</b> (990 mm)
Overall Height	<b>43.1 in.</b> (1095 mm)
Seat Height:	
• Laden <sup>2</sup>	<b>25.0 in.</b> (635 mm)
• Unladen	<b>27.1 in.</b> (690 mm)
Ground Clearance	<b>5.1 in.</b> (130 mm)
Rake (steering head)	31°
Fork Angle	31°
Trail	<b>5.8 in.</b> (147 mm)
Wheelbase	<b>64.5 in.</b> (1638 mm)
Tires (Dunlop® Harley-Davidson® Series, radial blackwall front and rear):	
• Front – D408F	140/75R17 67V
• Rear – D407	200/55R17 78V
Fuel Capacity	<b>5.0 gal.</b> (18.9 L) <i>(warning light at approximately 1.0 gal.)</i>
Oil Capacity (w/filter)	<b>3.5 qts.</b> (3.3 L)
Transmission Capacity	<b>1.0 qt.</b> (.95 L)
Primary Chain Case Capacity	<b>1.0 qt.</b> (.95 L)
Weight:	
• As Shipped	<b>694 lbs.</b> (315.0 kg)
• In Running Order	<b>725 lbs.</b> (329.0 kg)
• Gross Vehicle Weight Rating	<b>1160 lbs.</b> (526.0 kg)
• Gross Axle Weight Rating:	
• Front	<b>430 lbs.</b> (195.0 kg)
• Rear	<b>730 lbs.</b> (331.0 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	<b>3.875 in. x 4.38 in.</b> (98.4 mm x 111.1 mm)
Displacement	<b>103 cu. in.</b> (1690 cc)
Compression Ratio	9.6:1
Fuel System <sup>3</sup>	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):	<b>U.S.</b>
• 1st	<b>9.311</b>
• 2nd	<b>6.454</b>
• 3rd	<b>4.793</b>
• 4th	<b>3.882</b>
• 5th	<b>3.307</b>
• 6th	<b>2.79</b>

### 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 (Polished Chrome Aluminum Bullet Hole Disc front and rear option):	Silver Cast Aluminum Bullet Hole Disc
• Front	<b>17 in. x 3.5 in.</b> (432 mm x 89 mm)
• Rear	<b>17 in. x 6 in.</b> (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	<b>11.5 in. x .2 in.</b> (292 mm x 5.1 mm)
• Rear	<b>11.5 in. x .23 in.</b> (292 mm x 5.8 mm)
• Anti-lock Braking System	Available
Suspension Travel:	
• Front Wheel	<b>5.1 in.</b> (130 mm)
• Rear Wheel	<b>4.3 in.</b> (109 mm)

### PERFORMANCE

Engine Torque <sup>5</sup> (per J1349):	
• North America	<b>98.7 ft. lbs. @ 3000 RPM</b> (134 Nm @ 3000 RPM)
Lean Angle (per J1168):	
• Right	26.2°
• Left	27°
Fuel Economy <sup>6</sup> (EPA urban/highway test)	<b>42 mpg</b> (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	<b>8W/28W</b> (5W/21W)
• Turn Signal Lights	<b>28W</b> (21W) self-canceling
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, security system <sup>7</sup> (optional), 6-speed, low fuel warnings

### WARRANTY

Warranty <sup>8</sup>	<b>24 months</b> (unlimited mileage)
Service Interval <sup>9</sup>	<b>First 1000 miles</b> (1600 km), every <b>5000 miles</b> (8000 km) thereafter

<sup>1</sup> 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.

<sup>2</sup> Measurement reflects **180 lb.** (81.7 kg) operator weight.

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

<sup>4</sup> Standard and optional wheels may vary by country and region.

<sup>5</sup> Values shown are nominal. Performance may vary by country and region.

<sup>6</sup> 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.

<sup>7</sup> North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

<sup>8</sup> See motorcycle owner's manual for complete details.

<sup>9</sup> Inspections of certain systems and components are required at 2500 mile (4000 km) intervals. See Owner's Manual for full details.