

FLHRC

ROAD KING® CLASSIC

MODEL SPECIFICATIONS¹



DIMENSIONS	
Length	94.2 in. (2393 mm)
Overall Width	37.5 in. (953 mm)
Overall Height	55.1 in. (1400 mm)
Seat Height:	
• Laden ²	26.7 in. (678 mm)
• Unladen	28.1 in. (714 mm)
Ground Clearance	5.1 in. (130 mm)
Rake (<i>steering head</i>)	26°
Fork Angle	29.2°
Trail	6.7 in. (170 mm)
Wheelbase	63.5 in. (1613 mm)
Tires (<i>Dunlop® Harley-Davidson Series, bias wide whitewall</i>):	
• Front – D408F	WWW 130/90B16 67H
• Rear – D407	WWW 180/65B16 81H
Fuel Capacity	6.0 gal. (22.7 L)
<i>(warning light at approximately 1.0 gal.)</i>	
Oil Capacity (<i>w/filter</i>)	4.0 qts. (3.8 L)
Transmission Capacity	1.0 qts.
Primary Chain	
Case Capacity ³	1.4 qts.
Weight:	
• As Shipped	773 lbs. (350.6 kg)
• In Running Order	810 lbs. (367.4 kg)
• Gross Vehicle Weight Rating	1360 lbs. (616.9 kg)
• Gross Axle Weight Rating	
• Front	500 lbs. (226.8 kg)
• Rear	927 lbs. (420.5 kg)
ENGINE	
Engine ⁴	Air-cooled, Twin Cam 103™
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder
Bore x Stroke	3.875 in. x 4.38 in. (98.4 mm x 111.3 mm)
Displacement	103 cu. in. (1690 cc)
Compression Ratio	9.6:1
Fuel System ⁴	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Fiberglass, washable
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/68 ratio
Clutch	Multi-plate, wet
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.593
• 2nd	6.65
• 3rd	4.938
• 4th	4
• 5th	3.407
• 6th	2.875

CHASSIS	
Frame	Mild steel; tubular frame; two-piece stamped and welded backbone; cast and forged junctions; twin downtubes; bolt-on rear frame with forged fender supports; MIG welded
Swingarm	Mild steel; two-piece drawn and welded section; forged junctions; MIG welded
Front Forks	41.3 mm telescopic
Rear Shocks	Air-adjustable
Wheels ⁵ (<i>Chrome, Profile Laced Aluminum option</i>):	Chrome, Laced Steel
• Front	16 in. x 3 in. (432 mm x 76 mm)
• Rear	16 in. x 5 in. (406 mm x 127 mm)
Brakes:	
• Caliper Type	32 mm, 4-piston fixed front and rear
• Rotor Type	Patented, fixed rotors
<i>(diameter x width):</i>	
• Front (<i>dual</i>)	11.81 in. x .2 in. (300 mm x 5 mm)
• Rear	11.81 in. x .28 in. (300 mm x 7 mm)
• Anti-lock Braking System (<i>option</i>)	Available
Suspension Travel:	
• Front Wheel	4.6 in. (117 mm)
• Rear Wheel	3 in. (76 mm)
Engineered for Sidecar Use	Available

PERFORMANCE	
Engine Torque ⁶ (<i>per SAE J1349</i>):	
• North America	102 ft. lbs. @ 3500 RPM (138 Nm @ 3500 RPM)
Lean Angle:	
• Right	33°
• Left	31°
Fuel Economy ⁷ (<i>EPA urban/highway test</i>)	35/54 mpg (6.70/4.40 L/100 km)

ELECTRIC	
Battery (<i>per Battery Council International Rating</i>)	Sealed, maintenance-free, 12V, 28-amp/hour, 370 cca
Charging	Three-phase, 50-amp system (585W @ 13V, 2000 RPM, 650W max power @ 13V)
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
• Tail/Stop Lights	8W/28W (5W/21W)
• Turn Signal Lights	28W (21W) self-canceling
• Indicator Lamps	High beam, running lights, directional light bar, neutral, low oil pressure, engine diagnostics, turn signals, security system ⁸ (<i>optional</i>), 6-speed, low fuel warnings, cruise control, ABS (<i>optional</i>)
WARRANTY	
Warranty ⁹	24 months (<i>unlimited mileage</i>)
Service Interval	First 1,000 miles (1,600 km), every 5,000 miles (8,000 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 (VRSC™ 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 Primary case oil fill is 45 oz. or as needed to fill to bottom of diaphragm.

⁴ Recommended 91 octane or higher fuel (R+M)/2.

⁵ Standard and optional wheels may vary by country and region.

⁶ Values shown are nominal. Performance may vary by country and region.

⁷ Estimated from fuel economy tests on a sample motorcycle from the corresponding family conducted by Harley-Davidson under ideal laboratory conditions. Not all motorcycle models undergo fuel economy testing. Fuel economy and mileage may vary among motorcycle models within a family. Your mileage may vary depending on your personal riding habits, weather conditions, trip length, vehicle condition and vehicle configuration and other conditions. Break-in mileage may vary.

⁸ North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

⁹ See motorcycle owner's manual for complete details.