

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 qt. (.95 L)
Primary Chain Case Capacity	1.4 qts. (1.3 L)
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)
Luggage Capacity	1.85 cu. ft. (0.0518 m ³)
• Volume	

ENGINE

Engine	Air-cooled Twin Cam 103™ with Integrated Oil-Cooler
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 ³	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 ⁴ (<i>Tubeless Chrome Aluminum Profile Laced option</i>):	Steel Laced
• Front	16 in. x 3 in. (406 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 (<i>diameter x width</i>):	Patented, fixed rotors
• Front (<i>dual</i>)	11.81 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.81 in. x .28 in. (300 mm x 7.1 mm)
• Anti-lock Braking System	Standard

Suspension Travel:

- Front Wheel **4.6 in.** (117 mm)
- Rear Wheel **3 in.** (76 mm)

Engineered for Sidecar Use Available

PERFORMANCE

Engine Torque⁵ (*per J1349*):

- North America **100 ft. lbs. @ 3250 RPM**
(135 Nm @ 3250 RPM)

Lean Angle (*per J1168*):

- Right **33°**
- Left **31°**

Fuel Economy⁶ **42 mpg** (5.6 L/100 km)
(EPA urban/highway test)

ELECTRIC

Battery (<i>per Battery Council International Rating</i>)	Sealed, maintenance-free, 12V, 28-amp/hour, 370 cca
Charging	Three-phase, 50-amp system (<i>585W @ 13V, 2000 RPM, 650W max power @13V</i>)
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 ⁷ , 6-speed, low fuel warnings, cruise control, ABS
• Auxiliary Lamps (<i>except where prohibited by law</i>)	Two @ 35W each

WARRANTY

Warranty ⁸	24 months (<i>unlimited mileage</i>)
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 2500 mile (4000 km) intervals. See Owner's Manual for full details.