



# FLHR ROAD KING®

## DIMENSIONS

Notes

Length	96.5 in. (2,450 mm)	
Overall Width	37.8 in. (960 mm)	
Overall Height	56.3 in. (1,430 mm)	
Seat Height, Laden	26.3 in. (667 mm)	2
Seat Height, Unladen	27.8 in. (705 mm)	
Ground Clearance	5.3 in. (135 mm)	
Rake (steering head) (deg)	26	
Fork Angle (deg)	29.25	
Trail	6.7 in. (170 mm)	
Wheelbase	64 in. (1,625 mm)	
Tires, Type	Dunlop® Harley-Davidson Series, bias blackwall front and rear	
Tires, Front Model	D408F	
Tires, Front Specification	BW 130/70B18 63H	
Tires, Rear Model	D407T	
Tires, Rear Specification	BW 180/55B18 80H	
Fuel Capacity	6 gal. (22.7 l)	
Reserve Fuel Capacity, Fuel Injection (warning light)	1 gal. (3.8 l)	
Oil Capacity (w/filter)	5.2 qt. (4.9 l)	
Transmission Capacity	1 qt. (.95 l)	
Primary Chain Case Capacity	1.1 qts. (1 l)	
Coolant Capacity	N/A	
Weight, As Shipped	794 lb. (360 kg)	
Weight, In Running Order	828 lb. (375 kg)	
Gross Vehicle Weight Rating	1,360 lb. (617 kg)	
Gross Axle Weight Rating, Front	500 lb. (227 kg)	
Gross Axle Weight Rating, Rear	927 lb. (420 kg)	
Luggage Capacity -Volume	2.3 cu ft (0.064 m <sup>3</sup> )	

## ENGINE

Notes

Engine	Milwaukee-Eight® 107	
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder	
Bore	3.937 in. (100 mm)	
Stroke	4.374 in. (111.1 mm)	
Displacement	107 cu in (1,746 cc)	
Compression Ratio	10.0:1	
Fuel System	Electronic Sequential Port Fuel Injection (ESPFI)	3
Air Cleaner	Paper, washable	
Exhaust	Chrome, 2-1-2 dual exhaust with tapered mufflers	
Lubrication System	Pressurized, dry-sump with oil cooler	

## DRIVETRAIN

Notes

Primary Drive	Chain, 34/46 ratio	
Final Drive	Belt, 32/68 ratio	
Clutch	Mechanically actuated 10 plate wet, Assist and Slip	
Transmission	6-Speed Cruise Drive®	
Gear Ratios (overall) 1st	9.593	
Gear Ratios (overall) 2nd	6.65	

Gear Ratios (overall) 3rd	4.938	
Gear Ratios (overall) 4th	4	
Gear Ratios (overall) 5th	3.407	
Gear Ratios (overall) 6th	2.875	

## CHASSIS

Notes

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 Fork	49 mm Dual Bending Valve	
Rear Shocks	Premium standard height hand-adjustable rear suspension	
Wheels, Front Type	Slicer II Cast Aluminum	4
Wheels, Front Width	3.5 in. (89 mm)	
Wheels, Front Height	18 in. (457 mm)	
Wheels, Rear Type	Slicer II Cast Aluminum	4
Wheels, Rear Width	5 in. (127 mm)	
Wheels, Rear Height	18 in. (457 mm)	
Brakes, Caliper Type	32 mm, 4-piston fixed front and rear	
Brakes, Rotor Type	Dual floating rotors (front), fixed rotor (rear)	
Brakes, Front Diameter	11.8 in. (300 mm)	
Brakes, Front Thickness	0.2 in. (5.1 mm)	
Brakes, Front is dual	Yes	
Brakes, Rear Diameter	11.8 in. (300 mm)	
Brakes, Rear Thickness	0.28 in. (7.1 mm)	
Brakes, Anti-Lock Braking System (ABS)	Standard	
Suspension Travel, Front	4.6 in. (117 mm)	
Suspension Travel, Rear	3 in. (76 mm)	

## PERFORMANCE

Notes

Engine Torque Testing Method	J1349	
Engine Torque	111 ft-lb (151 Nm)	5
Engine Torque (rpm)	3,250	
Lean Angle Testing Method	J1168	
Lean Angle, Right (deg.)	32	
Lean Angle, Left (deg.)	32	
Fuel Economy Testing Method	Estimated City/Hwy	
Fuel Economy	43 mpg (5.5 l/100 km)	6

## ELECTRIC

Notes

Battery	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca (per Battery Council International Rating)	
Charging	Three-phase, 48-amp system (600W @ 13V, 2000 rpm, 625W max power @ 13V)	
Starting	1.6 kW electric with solenoid shift starter motor engagement	
Lights (as per country regulation), Headlamp	Dual halogen headlight 55-watt 625 lumen low beam, 65-watt 1,570 lumen high beam with switchable 26 watt 440 lumen halogen fog lights. Total of 986 lumen output at low beam with fog lights.	
Lights (as per country regulation), Tail/Stop	8W/28W	
Lights (as per country regulation), Front Signal Lights	8W/28W	
Lights (as per country regulation), Indicator Lamps	High beam, running lights, directional light bar, neutral, low oil pressure, engine diagnostics, turn signals, battery, security system, low fuel warning, cruise control, ABS, Gear/RPM display, miles to empty display	7
Lights, Rear Turn Signals	N/A	
Gauges	Gauges styled to complement each vehicle. Display features odometer, trip A, trip B, range to empty and gear indicator; and larger tell-tale indicators.	
Auxiliary Lamps	Two @ 30W each (except where prohibited by law)	

Electric Power Outlet	N/A
GPS System	N/A
Reverse Gear	N/A

## WARRANTY AND SERVICE

		Notes
Warranty	24 months (unlimited mileage)	8
Service Interval	First 1,000 miles (1,600 km), every 5,000 miles (8,000 km) thereafter	9

## FOOTNOTES

1	Vehicles depicted may differ from vehicles manufactured and delivered. Specifications and
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
7	North America security system includes immobilizer; outside North America the security
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)

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