



Make every day count

2008 Specifications¹ VRSCDX Night Rod[®] Special

Dimensions

Length (mm).....	2460
Seat Height (mm) ²	640
Ground Clearance (mm).....	107
Rake at steering head (°) / Trail (mm).....	34 / 114
Fork Angle.....	36°
Wheelbase (mm).....	1715
Fuel Capacity (litres).....	18.9
Oil Capacity w/filter (litres).....	4.3
Dry Weight (kg).....	292

Powertrain

Engine ³	Liquid-cooled, Revolution [®] , 60° V-Twin
Displacement (cu.cm).....	1250
Bore x Stroke (mm).....	105 x 72
Fuel System.....	Electronic Sequential Port Fuel Injection (ESPF)
Compression Ratio.....	11.3:1
Exhaust System.....	Brushed, straight-shot exhaust with dual mufflers, black end caps & shield

Wheels/Tyres

Tyres:	
Front.....	D208F 120/70ZR-19 60W
Rear.....	D419 240/40R-18 79V
Wheels ⁴ :	
Front.....	19" Black, machined slotted disc cast aluminium
Rear.....	18" Black, machined slotted disc cast aluminium

Drivetrain

Primary Drive.....	Gear, 64/117 ratio
Final Drive.....	Belt, 30/72 ratio
Clutch.....	9-plate, wet, A & S (Assist & Slip)
Transmission.....	5-speed
Gear Ratios:	
1st.....	10.98
2nd.....	7.38
3rd.....	5.88
4th.....	5.10
5th.....	4.57

Chassis

Brakes, Dia (Front/Rear, mm).....	300 dual / 300
Caliper Type.....	4-piston front and rear
Front Fork.....	Wide, 49mm custom fork
Rear Shocks.....	Preload adjustable
Suspension Travel:	
Front (mm).....	102
Rear (mm).....	74
Frame.....	Steel perimeter upper frame with hydroformed main rails and bolt-on lower frame rails; MIG welded
Swingarm.....	Polished, one-piece cast aluminium (black powder coat finish)

Performance

Engine Torque (EU Standard EC95/1) ⁵	111 Nm / 82 ft lbs @ 7200
Lean Angle per SAE J1168 (Degrees Left/Right).....	32 / 32

Electrical

Charging.....	Three-phase, 38-amp system (439W @ 13V, 2000 rpm, 489W max power @ 13V)
Starting.....	0.8 kW electric with direct drive starter motor engagement
Lights (as per country regulation):	
Headlamp.....	Quartz Halogen, 55-watt low beam, 60-watt high beam
Tail/Stop Lights.....	5W/21W reflector optics
Turn Signal Lights.....	21W self-canceling
Instruments.....	Electronic speedometer with odometer; Time-of-day clock; Dual resettable tripmeter; Tachometer
Indicator Lamps.....	High beam, neutral, low oil pressure, turn signals, engine diagnostics, security system ⁶ , coolant temperature, low fuel warnings

Colour Options⁷

Black Denim & Vivid Black; Vivid Black & Pewter Pearl; Vivid Black & Mirage
Orange Pearl

Model Features

Black powder-coated engine with black treatment covers; 240mm wide rear tyre; Colour-matched headlamp nacelle; Slipper clutch; Lighter clutch lever operation; Forward-mounted rider footpegs; Standard passenger footpegs; Stainless steel, low-rise handlebars; Two-piece, two-up textured vinyl seat; 4-piston front & rear caliper Brembo[®] brakes with dual front rotor; Wide, 49mm custom forks; Optional ABS brake system

Warranty

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

Footnotes

1. Harley-Davidson reserves the right to discontinue models or change specifications at any time without incurring any obligations. Vehicle specifications may vary by country and region depending on local laws. Some models are not available in certain countries.
2. Measurement reflects 81.7 kg operator weight.
3. Recommended 95 octane or higher fuel (R+M)/2. Standard and optional fuel systems may vary by country and region.
4. Standard and optional wheels may vary by country and region.
5. Values shown are nominal. Performance may vary by country and region.
6. Security system includes immobiliser and siren.
7. Availability of colours may vary from dealer to dealer and is subject to change without further notice.
8. See motorcycle owner's manual for complete details.
9. Inspections of certain systems and components are required at 1,000 mile (1,600 km) intervals.