



2006 Specifications¹ VRSCSE Screamin' Eagle™ V-Rod®

DIMENSIONS

Overall Length (mm)	2362
Seat Height - Laden (mm)	668
Ground Clearance (mm)	127
Rake - Steering Head (degrees)	34
Fork Angle (degrees)	36
Trail (mm)	117
Wheelbase (mm)	1699
Fuel Capacity (litres)	14.0
Oil Capacity (litres)	4.3
Dry Weight (kg)	298

ENGINE

Engine	Revolution
Displacement (cc)	1250
Bore x Stroke (mm x mm)	104.90 x 72.00
Fuel System	Electronic Sequential Port Fuel Injection (ESPFI)
Compression Ratio	11.5:1
Exhaust System	Slash-cut duals

WHEELS AND TYRES

Tyres	(Dunlop Harley-Davidson Series)	
	Front	D207F
	Rear	D207F
Size		
	Front	120/70ZR19 60W
	Rear	240/40R18 74W
Wheels		
	Front	19" chrome 5-spoke, forged aluminium
	Rear	18" chrome 5-spoke, forged aluminium

DRIVETRAIN

Primary Drive	Gear
Primary Drive Ratio	117/64
Final Drive	Belt
Final Drive Ratio	30/72
Clutch	9-plate wet
Transmission	5 speed
Gear Ratio:	
1st	11.75
2nd	7.90
3rd	6.32
4th	5.46
5th	4.89

CHASSIS

Brakes - Front		
	Caliper Type	Four-piston
	Rotor(s)	Dual
	Rotor size (diameter x width) (mm)	300 x 5.00
Rear		
	Caliper Type	Four-piston
	Rotor size (diameter x width) (mm)	300 x 7.01
Rear Shocks	Coil over shock	
Front Fork (mm)	Wide, 49 mm custom fork	
Suspension Travel:		
	Front Wheel (mm)	102
	Rear Wheel (mm)	66
Frame	Steel perimeter upper frame with hydroformed main rails and bolt-on lower frame rails, MIG welded	
Swingarm	Chrome, polished, one-piece cast aluminium	

PERFORMANCE

Engine Torque (Nm @ rpm) ²	116 Nm @ 7000 rpm
Lean Angle (per SAE J1168):	
Left (degrees)	33
Right (degrees)	34

ELECTRIC

Battery	Sealed, maintenance-free, 12 volt, 12 amp-hour (per Battery Council international rating) 200 cca.	
Charging	Three phase, 38-amp system (488 Watts @ 13V, 3000 rpm, 494 Watts max power @ 13V)	
Starting	1.4 kW electric with direct drive starter motor engagement	
Lights: (as per country regulation)		
	Headlamp	Quartz Halogen 55-watt low beam, 65-watt high beam
	Tail/Stop Lights	8w/28w
	Turn signal lights (self-cancelling)	28w
Indicatory Lamps:	High Beam, Neutral, Oil, Turn Signals, Engine Diagnostics, Security System	

COLOURS³

Two-tone electric orange and black pearl; two-tone scarlet red pearl and charcoal slate; two-tone chrome yellow pearl and platinum pearl

WARRANTY

Warranty ⁴	24 months (unlimited mileage)	
Service Interval	First 1,600 Km; every 8,000 Km thereafter.	

¹ Harley-Davidson reserves the right to discontinue models or change specifications at any time without incurring any obligations. Vehicle specifications may vary from country to country depending on local laws, and some models are not available in certain countries. All models feature 5-speed transmission (Dyna models are 6 speed), and carbon fibre belt final drive; 40 mm constant velocity carburettor with enricher and accelerator pump (except Electronic Sequential Port Fuel Injection Models); and multi-plate clutch with diaphragm spring in oil bath.

² Values are nominal. Performance varies by country.

³ Availability may vary from dealer to dealer, and is subject to change without notice.

⁴ See motorcycle owner's manual for complete details.

UNIQUE FEATURES / STYLING

See next page



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240 mm wide rear tyre	Chrome rear shock spacers
250cc Revolution® Powertrain finished in black and chrome	Chrome upper side covers
105 mm big bore pistons and sleeves	Custom seat with leather embossed snakeskin pattern insert and Comfort Foam™ technology
High-flow heads	Knurled chrome brake pedal assembly
Unique timing - intake cam	Chrome upper and lower triple trees
Custom engine badges	Chrome upper belt guard and lower debris deflector
Chrome dipstick	Chrome headlamp bucket
Colour-coordinated, clear-coated hydroformed perimeter frame	Chrome headlamp shroud
Custom sport front fender	Smoked front turn signal lenses
High-performance clutch	Smoked rear bullet-style turn signals with chrome airfoil stalks
Chrome matching Reactor™ rear sprocket with chrome compensator bowl	Knurled chrome hand grips with chrome end caps
Full-length chrome air box console with CVO emblem	Knurled chrome rider and passenger footpegs
Air box cover with centre inset for console and custom badges	Chrome rider and passenger footrest supports
LED console gauge pod with fuel gauge and indicator lights	Polished stainless steel shift rod assembly
Spun aluminium-faced speedometer and tachometer with back lights	Billet-style brake caliper inserts
Chrome handlebar riser with rear cover	Chrome front sprocket cover with billet chrome accents
Chrome handlebar clamp with integrated speedometer and tachometer bracket	Chrome coolant line cover
Chrome 1.25" diameter handlebar with internal wiring	Chrome pivot shaft caps for swingarm
Chrome clutch and brake master cylinders and levers, and chrome switch housings	Chrome front axle nut covers
Clear-coated braided stainless steel control cables	Chrome jiffy stand
Clear-coated braided stainless steel front and rear brake and clutch lines	Chrome front and rear wheel bearing spacers
Dot 4 brake and clutch system technology	Chrome valve stem caps
Chrome front fork sliders with billet chrome dust covers	H-D® Factory security system with siren
Custom rear shock with chrome upper collar	Indoor storage cover with embroidered CVO logo
Chrome-plated rear swingarm	Commemorative CVO ignition key