



2006 Specifications¹ FXDLI Dyna[®] Low Rider[®]

DIMENSIONS

Overall Length (mm)	2350
Seat Height - Laden (mm)	655
Ground Clearance (mm)	142
Rake - Steering Head (degrees)	29
Fork Angle (degrees)	31
Trail (mm)	114
Wheelbase (mm)	1625
Fuel Capacity (litres)	17.8
Oil Capacity (litres)	2.8
Dry Weight (kg)	290

ENGINE

Engine	Twin Cam 88
Displacement (cc)	1449
Bore x Stroke (mm x mm)	95.3 x 101.6
Fuel System	Electronic Sequential Port Fuel Injection (ESPFI)
Compression Ratio	8.9:1
Exhaust System	Staggered exhaust with shorty dual mufflers

WHEELS AND TYRES

Tyres	(Dunlop Harley-Davidson Series)
Front	D401F
Rear	K591
Size	
Front	100/90-19 57H
Rear	160/70B17 73V
Wheels	
Front	19" profile chrome laced
Rear	17" profile chrome laced

DRIVETRAIN

Primary Drive	Chain
Primary Drive Ratio	46/34
Final Drive	Belt
Final Drive Ratio	32/68
Clutch	9-plate wet
Transmission	6 speed
Gear Ratio:	
1st	9.60
2nd	6.61
3rd	4.95
4th	4.05
5th	3.36
6th	2.88

CHASSIS

Brakes - Front	
Caliper Type	Four-piston
Rotor(s)	Single Floating
Rotor size (diameter x width) (mm)	300 x 5.08
Rear	
Caliper Type	Four-piston
Rotor size (diameter x width) (mm)	292 x 5.84
Rear Shocks	Coil over shock
Front Fork (mm)	49
Suspension Travel:	
Front Wheel (mm)	127
Rear Wheel (mm)	79
Frame	Mild steel, tubular frame, rectangular section backbone, stamped, cast and forged junctions, forged fender supports, MIG welded
Swingarm	Mild steel, rectangular tube sections, stamped junctions, MIG welded

PERFORMANCE

Engine Torque (Nm @ rpm) ²	106 Nm @ 4000 rpm
Lean Angle (per SAE J1168):	
Left (degrees)	31
Right (degrees)	31

ELECTRIC

Battery	Sealed, maintenance-free, 12 volt, 19 amp-hour (per Battery Council international rating) 270 cca.
Charging	Three phase, 38-amp system (439 Watts @ 13V, 2000 rpm, 489 Watts max power @ 13V)
Starting	1.2 kW electric with Bendix-type engagement
Lights: (as per country regulation)	
Headlamp	Quartz Halogen 55-watt low beam, 60-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

Vivid black, black pearl, chopper blue pearl, fire red pearl, brilliant silver pearl, deep cobalt pearl, glacier white pearl, two-tone rich sunglo blue and chopper blue pearl, two-tone fire red pearl and vivid black, two-tone deep cobalt pearl and brilliant silver pearl

UNIQUE FEATURES / STYLING

655 mm seat height, black powder-coated engine with chrome treatment, reduced noise front and rear brake pads; chrome fuel tank console; chrome headlight housing; longer passenger pillion; smaller diameter hand grips; 49 mm forks - wider spaced; 6 speed transmission

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.