

TECHNICAL SPECIFICATIONS - CHASSIS

Type	DUKE 400 / 620	
Frame	Central chrome-moly-steel frame	
Fork	WP-Up Side Down Multiadjuster IBS	
Wheel travel front/rear	160 mm / 170 mm	
Rear suspension	Central shock absorber WP IBS with PRO-LEVER linkage to rear- swing-arm with needle bearing	
Front brake	Disc brake with carbon-steel brake disc Ø 320 mm and 4-piston brake caliper	
Rear brake	Disc brake with carbon-steel brake disc Ø 220 mm and single-piston brake caliper floated	
Tyres	front: 120/70-17	rear: 160/60-17
Air pressure rider only	1,8 bar	1,9 bar
Air pressure with passenger	2,0 bar	2,2 bar
Fuel tank capacity	11,3 liter, out of this 1,8 liter reserve	
Final drive ratio	400 = 16 : 42	620 = 17 : 38
Chain	5/8 x 1/4"	
Lamps	low beam H1 12V 55W (socket P14,5s) high beam H1 12V 55W (socket P14,5s) parking light 12V 4W (socket Ba9s) speedometer, tachometer light 12V 0,6W stop and taillight 12V 21/5W (socket BaY15d) flasher 12V 10W (socket Ba15s)	
Battery	maintenance-free battery 12V 1,2 Ah	
Steering angle	62,5°	
Wheel base	1480 ± 15 mm	
Seat high	920 mm	
Ground clearance	300 mm	
Dead weight without fuel	127 kg	
Max. permissible front axle load	135 kg	
Max. permissible rear axle load	235 kg	
Max. permissible laden weight	350 kg	

TORQUES

Collar screw front axle	M 10	50 Nm
Collar nut rear axle	M 20x1,5	100 Nm
Hex. nut swing arm bolt	M 14x1,5	100 Nm
Clamping screw upper fork bridge	M 8	15 Nm
Clamping screw lower fork bridge	M 8	15 Nm
A H screws front brake caliper	M10	40 Nm
Collar nuts chain tension eccentrics	M10	40 Nm
Clamping screws fork stubs	M 8	15 Nm
Other screws chassis	M6	10 Nm
	M8	25 Nm
	M10	45 Nm