

## TECHNICAL SPECIFICATIONS - CHASSIS KTM 640 DUKE e

Type	640 DUKE last edition		
Frame	Central chrome-moly-steel frame		
Fork	type wheel travel standard adjustment compression standard adjustment rebound fork leg projection upper fork bridge oil capacity per fork leg air chamber lenght	WP - 4054 Roma Top adjuster 140 mm (5,5 in) driver only = 14, with passenger = 14 driver only = 14, with passenger = 14 10 mm (0,4 in) appr. 740 ccm (45 cubic in) / SAE 5 100 mm (4 in)	
Rear suspension	WP central shock absorber with PRO-LEVER linkage to rear- swing-arm with needle bearing		
Shock absorber	type rear wheel travel standard adjustment compression standard adjustment rebound spring preload spring type	WP central shock absorber BAVP 170 mm (6.7 in) driver only = 3, with passenger = 5 driver only = 5, with passenger = 3 driver only = 23 mm (0.9 in),with passenger = 28 mm (1.1 in) 70 - 260	
Front brake	Disc brake with carbon-steel brake disc Ø 320 mm (12,6 in) and 4-piston brake caliper		
Rear brake	Disc brake with carbon-steel brake disc Ø 220 mm (8,7 in) and single-piston brake caliper floated		
Tyres	front: 120/70 R 17 58H		rear: 160/60 R 17 69H
Air pressure rider only	2.0 bar (29 psi)		2.2 bar (32 psi)
Air pressure with passenger	2.2 bar (32 psi)		2.4 bar (35 psi)
Fuel tank capacity	11,3 liter (3 US gallons), out of this 1,5 liter (0,42 US gallons) reserve		
Final drive ratio	17 : 38		
Chain	o-ring $\frac{5}{8}$ x $\frac{1}{4}$ "		
Lamps	low beam high beam parking light speedometer, tachometer light indicator lamp stop and taillight flasher	H1 12V 55W (socket P14,5s) H1 12V 55W (socket P14,5s) 12V 4W (socket Ba9s) 12V 1,2W (socket W2x4,6d) 12V 1,2W (socket W2x4,6d) 12V 21/5W (socket BaY15d) 12V 10W (socket Ba15s)	HS1 12V 35/35W (socket Px43t) HS1 12V 35/55W (socket Px43t) 12V 4W (socket W2.1 9,5D) 12V 1,2W (socket W2x4.6d) 12V 1,2W (socket W2x4.6d) 12V 21/5W (socket BaY15d) 12V 10W (socket Ba15s)
Battery	maintenance-free battery 12V 8Ah		
Steering angle	62,5°		
Wheel base	1460 ± 15 mm (57.5 ± 0.6 in)		
Seat high	860 mm (33.9 in)		
Ground clearance	250 mm (9.9 in)		
Dead weight without fuel	145 kg (3 lbs)		
Max. permissible front axle load	150 kg (2 lbs)		
Max. permissible rear axle load	200 kg (4 lbs)		

### TORQUES

Front axle	M 17	40 Nm (30 ft.lb)
Rear axle	M 20x1.5	80 Nm (59 ft.lb)
Hex. nut swing arm bolt	M 14x1.5	100 Nm (74 ft.lb)
Clamping screw upper fork bridge	M 8	25 Nm (18 ft.lb)
Clamping screw lower fork bridge	M 8	15 Nm (11 ft.lb)
AH screws front brake caliper	M10	40 Nm (30 ft.lb)
AH screw rear brake caliper support	M10	40 Nm (30 ft.lb)
Collar nuts chain tension eccentrics	M10	40 Nm (30 ft.lb)
Clamping screws fork stubs	M 8	15 Nm (11 ft.lb)
Other screws chassis	M6	10 Nm (7 ft.lb)
	M8	25 Nm (22 ft.lb)
	M10	45 Nm (33 ft.lb)