

TECHNICAL SPECIFICATIONS - CHASSIS KTM DUKE e

Type	620 DUKE 3rd edition		
Frame	Central chrome-moly-steel frame		
Fork	type	WP - 4054 Roma Top adjuster	
	wheel travel	140 mm (5,5 in)	
	standard adjustment compression	driver only = 14, with passenger = 14	
	standard adjustment rebound	driver only = 14, with passenger = 14	
	fork leg projection upper fork bridge	10 mm (0,4 in)	
	oil capacity per fork leg	appr. 740 ccm (45 cubic in) / SAE 5	
	air chamber length	100 mm (4 in)	
Rear suspension	WP central shock absorber with PRO-LEVER linkage to rear- swing-arm with needle bearing		
Shock absorber	type	WP central shock absorber BAVP	
	rear wheel travel	170 mm (6,7 in)	
	standard adjustment compression	driver only = 3, with passenger = 5	
	standard adjustment rebound	driver only = 5, with passenger = 3	
	spring preload	driver only = 23 mm (0,9 in), with passenger = 28 mm (1,1 in)	
	spring type	70 - 260	
Front brake	Disc brake with carbon-steel brake disc B 320 mm (12,6 in) and 4-piston brake caliper		
Rear brake	Disc brake with carbon-steel brake disc B 220 mm (8,7 in) and single-piston brake caliper floated		
Tyres	front: 120/70 ZR 17 TX15	rear: 150/60 ZR 17 TX25	
Air pressure rider only	2,0 bar (29 psi)	2,2 bar (31,9 psi)	
Air pressure with passenger	2,2 bar (31,9 psi)	2,4 bar (34,8 psi)	
Fuel tank capacity	11,3 liter (3 US gallons), out of this 1,8 liter (0,5 US gallons) reserve		
Final drive ratio	17 : 38		
Chain	5/8 x 1/4"		
Lamps	low beam	H1 12V 55W (socket P14,5s)	HS1 12V 35/35W (socket Px43t)
	high beam	H1 12V 55W (socket P14,5s)	HS1 12V 35/35W (socket Px43t)
	parking light	12V 4W (socket Ba9s)	12V 4W (socket W2,1 9,5D)
	speedometer, tachometer light	12V 1,2W (socket W2x4,6d)	12V 1,2W (socket W2x4,6d)
	stop and taillight	12V 21/5W (socket BaY15d)	12V 21/5W (socket BaY15d)
	flasher	12V 10W (socket Ba15s)	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	149 kg (329 lbs)		
Max. permissible front axle load	125 kg (276 lbs)		
Max. permissible rear axle load	225 kg (497 lbs)		
Max. permissible laden weight	350 kg (773 lbs)		

TORQUES

Front axle	M 17	50 Nm (37 ft.lb)
Rear axle	M 20x1,5	100 Nm (74 ft.lb)
Hex. nut swing arm bolt	M 14x1,5	100 Nm (74 ft.lb)
Clamping screw upper fork bridge	M 8	15 Nm (11 ft.lb)
Clamping screw lower fork bridge	M 8	15 Nm (11 ft.lb)
A H screws front brake caliper	M10	40 Nm (30 ft.lb)
A H 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 (19 ft.lb)
	M10	45 Nm (33 ft.lb)