

Frame	Central tube frame of chrome molybdenum steel tubing, powder-coated
Fork	Marzocchi Upside down
Shock absorber	WP Suspension 3614 BAVP
Suspension travel	
Front	220 mm (8.66 in)
Rear	270 mm (10.63 in)
Fork offset	18 mm (0.71 in)
Brake system	
Front	Disc brake, brake caliper, fixed
Rear	Disc brake, brake caliper, fixed
Brake disc diameters	
Front	198 mm (7.8 in)
Rear	160 mm (6.3 in)
Brake discs - wear limits	
Front	2.5 mm (0.098 in)
Rear	2.5 mm (0.098 in)
Tire air pressure off road	
Front	1.0 bar (15 psi)
Rear	1.0 bar (15 psi)
Secondary drive ratio	14:50
Chain	1/2 x 1/4" O-ring
Rear sprockets available	46, 48, 50
Steering head angle	64.5°
Wheelbase	1,137 mm (44.76 in)
Seat height unloaded	750 mm (29.53 in)
Ground clearance unloaded	280 mm (11.02 in)
Weight without fuel, approx.	55.4 kg (122.1 lb.)
Maximum rider weight	< 50 kg (< 110 lb.)

Tires

Front tire	Rear tire
60/100 - 14 29M TT Pirelli SCORPION MX Mid Soft 32 NHS	80/100 - 12 50M TT Pirelli SCORPION MX Mid Soft 32 NHS
Additional information is available in the Service section under: http://www.ktm.com	

Capacity - fuel

Fuel tank capacity, approx.	3.5 l (3.7 qt.)	Super unleaded gasoline, mixed with 2-stroke engine oil (☛ p. 69)
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SX

Fork part number	46201000033
Fork	Marzocchi Upside down
Compression damping	
Standard	10 clicks
Rebound damping	
Standard	10 clicks
Spring rate	
Weight of rider: 35... 45 kg (77... 99 lb.)	3.4 N/mm (19.4 lb/in)
Air chamber length	100±2.5 mm (3.94±0.098 in)
Fork length	735 mm (28.94 in)
Fork oil	Fork oil (SAE 5) (☛ p. 68)

XC

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Fork length	735 mm (28.94 in)
Fork oil	Fork oil (SAE 5) (☛ p. 68)

SX

Shock absorber part number	03.18.7E.03
Shock absorber	WP Suspension 3614 BAVP
Compression damping	
Comfort	10 clicks
Standard	9 clicks
Sport	3 clicks
Rebound damping	
Comfort	10 clicks
Standard	9 clicks
Sport	6 clicks
Spring preload	
Comfort	7 mm (0.28 in)
Standard	7 mm (0.28 in)
Sport	7 mm (0.28 in)
Spring rate	
Weight of rider: < 35 kg (< 77 lb.)	35 N/mm (200 lb/in)
Weight of rider: 35... 45 kg (77... 99 lb.)	40 N/mm (228 lb/in)
Weight of rider: > 45 kg (> 99 lb.)	45 N/mm (257 lb/in)
Spring length	220 mm (8.66 in)
Gas pressure	10 bar (145 psi)
Static sag	12 mm (0.47 in)
Riding sag	90 mm (3.54 in)
Fitted length	347 mm (13.66 in)
Shock absorber oil	Shock absorber oil (SAE 2.5) (50180342S1) (☛ p. 69)

XC

Shock absorber part number	03.18.7E.05
Shock absorber	WP Suspension 3614 BAVP
Compression damping	
Comfort	10 clicks
Standard	9 clicks
Sport	3 clicks
Rebound damping	
Comfort	10 clicks
Standard	9 clicks
Sport	6 clicks
Spring preload	
Comfort	7 mm (0.28 in)
Standard	7 mm (0.28 in)
Sport	7 mm (0.28 in)
Spring rate	
Weight of rider: < 35 kg (< 77 lb.)	35 N/mm (200 lb/in)
Weight of rider: 35... 45 kg (77... 99 lb.)	40 N/mm (228 lb/in)
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Spoke nipple	M3.5	3 Nm (2.2 lbf ft)	–
Remaining nuts, chassis	M6	15 Nm (11.1 lbf ft)	–
Remaining screws, chassis	M6	10 Nm (7.4 lbf ft)	–
Screw, ball joint, push rod on foot-brake cylinder	M6	10 Nm (7.4 lbf ft)	–
Screw, footbrake cylinder	M6	10 Nm (7.4 lbf ft)	Loctite® 243™
Screw, fork stub	M6	10 Nm (7.4 lbf ft)	–
Screw, front brake disc	M6	14 Nm (10.3 lbf ft)	–
Screw, rear brake disc	M6	14 Nm (10.3 lbf ft)	Loctite® 243™
Screw, throttle grip	M6	4.5 Nm (3.32 lbf ft)	–
Nut, rim lock	M8	10 Nm (7.4 lbf ft)	–
Remaining nuts, chassis	M8	30 Nm (22.1 lbf ft)	–
Remaining screws, chassis	M8	25 Nm (18.4 lbf ft)	–
Screw, bottom triple clamp	M8	25 Nm (18.4 lbf ft)	–
Screw, brake caliper	M8	20 Nm (14.8 lbf ft)	Loctite® 243™
Screw, engine bracket	M8	30 Nm (22.1 lbf ft)	–
Screw, foot brake pedal	M8	25 Nm (18.4 lbf ft)	–
Screw, handlebar clamp	M8	20 Nm (14.8 lbf ft)	–
Screw, rear sprocket	M8	25 Nm (18.4 lbf ft)	Loctite® 243™
Screw, side stand fixing	M8	40 Nm (29.5 lbf ft)	Loctite® 243™
Screw, tail piece	M8	35 Nm (25.8 lbf ft)	Loctite® 243™
Screw, top triple clamp	M8	25 Nm (18.4 lbf ft)	–
Remaining nuts, chassis	M10	50 Nm (36.9 lbf ft)	–
Remaining screws, chassis	M10	45 Nm (33.2 lbf ft)	–
Screw, bottom shock absorber	M10	45 Nm (33.2 lbf ft)	–
Screw, front wheel spindle	M10	40 Nm (29.5 lbf ft)	–
Screw, handlebar support	M10	40 Nm (29.5 lbf ft)	Loctite® 243™
Screw, top shock absorber	M10	45 Nm (33.2 lbf ft)	–
Nut, rear wheel spindle	M12x1	40 Nm (29.5 lbf ft)	–
Nut, swingarm pivot	M12x1	40 Nm (29.5 lbf ft)	–
Nut, steering stem	M20x1.5	10 Nm (7.4 lbf ft)	–