

Frame	Central tube frame made of chrome molybdenum steel tubing	
Fork (EXC-F, EXC-F SIX DAYS, XCF-W)	WP Suspension 4860 MXMA PA	
Fork (250 XC-F USA)	WP Suspension 4860 MXMA CC	
Fork (250 SX-F EU)	WP Suspension 4860 MXMA CC	
Fork (250 SX-F USA)	WP Suspension 4860 MXMA CC	
Suspension travel		
Front	300 mm (11.81 in)	
Rear	335 mm (13.19 in)	
Fork offset (XCF-W USA, XC-F, SX-F)		
Front marking	18 mm (0.71 in)	
Rear marking	20 mm (0.79 in)	
Fork offset (250 EXC-F SIX DAYS EU)	19 mm (0.75 in)	
Fork offset (EXC-F EU, EXC-F AUS, XCF-W ZA)	20 mm (0.79 in)	
Shock absorber	WP Suspension PDS 5018 DCC	
Brake system	Disc brakes, brake calipers on floating bearings	
Diameter of brake discs		
Front	260 mm (10.24 in)	
Rear	220 mm (8.66 in)	
Wear limit of brake discs		
Front	2.5 mm (0.098 in)	
Rear	3.5 mm (0.138 in)	
Tire air pressure off road		
Front	1.0 bar (15 psi)	
Rear	1.0 bar (15 psi)	
Road tire pressure (EXC-F, EXC-F SIX DAYS)		
Front	1.5 bar (22 psi)	
Rear	2.0 bar (29 psi)	
Final drive (EXC-F, EXC-F SIX DAYS)	14:38 (13:50)	
Final drive (XCF-W)	13:52	
Final drive (SX-F, 250 XC-F USA)	13:48	
Chain	5/8 x 1/4"	
Rear sprockets available	38, 40, 42, 45, 48, 49, 50, 51, 52	
Steering head angle	63.5°	
Wheelbase	1,475±10 mm (58.07±0.39 in)	
Seat height unloaded	985 mm (38.78 in)	
Ground clearance unloaded	380 mm (14.96 in)	
Weight without fuel, approx. (EXC-F, EXC-F SIX DAYS)	105.7 kg (233 lb.)	
Weight without fuel, approx. (250 XCF-W ZA)	102.6 kg (226.2 lb.)	
Weight without fuel, approx. (250 XCF-W USA, 250 XC-F USA)	101.6 kg (224 lb.)	
Weight without fuel, approx. (SX-F)	98 kg (216 lb.)	
Maximum permissible front axle load	145 kg (320 lb.)	
Maximum permissible rear axle load	190 kg (419 lb.)	
Maximum permissible overall weight	335 kg (739 lb.)	
4Ah battery (EXC-F, EXC-F SIX DAYS, XCF-W, XC-F)	YTX5L-BS	Battery voltage: 12 V Nominal capacity: 4 Ah maintenance-free

Lighting equipment

Headlight (EXC-F, EXC-F SIX DAYS, XCF-W ZA)	BA20d	12 V 35/35 W
Parking light (EXC-F, EXC-F SIX DAYS, XCF-W ZA)	W2,1x9,5d	12 V 5 W
Indicator lights (EXC-F, EXC-F SIX DAYS)	W2x4,6d	12 V 1.2 W
Flasher light (EXC-F, EXC-F SIX DAYS)	BA15s	12 V 10 W
Brake/tail light (EXC-F, EXC-F SIX DAYS, XCF-W ZA)	LED	
License plate lamp (EXC-F, EXC-F SIX DAYS)	W2,1x9,5d	12 V 5 W

Tires

Validity	Front tire	Rear tire
(EXC-F, EXC-F SIX DAYS)	90/90 - 21 M/C 54M M+S TT Metzeler MEC 6 DAYS EXTREME	120/90 - 18 M/C 65M M+S TT Metzeler MEC 6 DAYS EXTREME
(XCF-W, 250 XC-F USA)	80/100 - 21 51M TT Bridgestone Bridgestone M59	100/100 - 18 64M TT Bridgestone Bridgestone M402
(SX-F)	80/100 - 21 51M TT Bridgestone Bridgestone M59	100/90 - 19 62M TT Bridgestone Bridgestone M70

For further information, see the Service section under:
<http://www.ktm.com>

Capacity - fuel

Total fuel tank capacity, approx. (EXC-F, EXC-F SIX DAYS, XCF-W, XC-F)	9.2 l (2.43 US gal)	Super unleaded (ROZ 95 / RON 95 / PON 91) (☛ p. 116)
Total fuel tank capacity, approx. (SX-F)	8.0 l (2.11 US gal)	Super unleaded (ROZ 95 / RON 95 / PON 91) (☛ p. 116)
Fuel reserve, approx. (EXC-F, EXC-F SIX DAYS, XCF-W, XC-F)	2 l (2 qt.)	

EXC-F, EXC-F SIX DAYS, XCF-W

Fork part number	14.18.7E.04
Fork	WP Suspension 4860 MXMA PA
Compression damping	
Comfort	26 clicks
Standard	22 clicks
Sport	20 clicks
Rebound damping	
Comfort	24 clicks
Standard	22 clicks
Sport	22 clicks
Spring preload - Preload Adjuster	
Comfort	0 turn
Standard	1 turn
Sport	3 turns
Spring length with preload spacer(s)	510 mm (20.08 in)
Spring rate	
Weight of rider: 65... 75 kg (143... 165 lb.)	4.0 N/mm (22.8 lb/in)
Weight of rider: 75... 85 kg (165... 187 lb.)	4.2 N/mm (24 lb/in)
Weight of rider: 85... 95 kg (187... 209 lb.)	4.4 N/mm (25.1 lb/in)
Fork length	940 mm (37.01 in)
Air chamber length	110 ⁺²⁰ ₋₃₀ mm (4.33 ^{+0.79} _{-1.18} in)
FORK OIL	Fork oil (SAE 5) (☛ p. 116)

250 XC-F USA

Fork part number	14.18.7E.28	
Fork	WP Suspension 4860 MXMA CC	
Compression damping		
Comfort	17 clicks	
Standard	15 clicks	
Sport	13 clicks	
Rebound damping		
Comfort	22 clicks	
Standard	21 clicks	
Sport	21 clicks	
Spring length with preload spacer(s)	492 mm (19.37 in)	
Spring rate		
Weight of rider: 65... 75 kg (143... 165 lb.)	4.2 N/mm (24 lb/in)	
Weight of rider: 75... 85 kg (165... 187 lb.)	4.4 N/mm (25.1 lb/in)	
Weight of rider: 85... 95 kg (187... 209 lb.)	4.6 N/mm (26.3 lb/in)	
Fork length	940 mm (37.01 in)	
Gas pressure	1.2 bar (17 psi)	
Oil capacity / cartridge	195 ml (6.59 fl. oz.)	Fork oil (SAE 5) (☛ p. 116)
Oil capacity / fork tube without cartridge	365 ml (12.34 fl. oz.)	Fork oil (SAE 5) (☛ p. 116)

250 SX-F EU

Fork part number	14.18.7E.03	
Fork	WP Suspension 4860 MXMA CC	
Compression damping		
Comfort	14 clicks	
Standard	12 clicks	
Sport	10 clicks	
Rebound damping		
Comfort	21 clicks	
Standard	20 clicks	
Sport	20 clicks	
Spring length with preload spacer(s)	492 mm (19.37 in)	
Spring rate		
Weight of rider: 65... 75 kg (143... 165 lb.)	4.2 N/mm (24 lb/in)	
Weight of rider: 75... 85 kg (165... 187 lb.)	4.4 N/mm (25.1 lb/in)	
Weight of rider: 85... 95 kg (187... 209 lb.)	4.6 N/mm (26.3 lb/in)	
Fork length	940 mm (37.01 in)	
Gas pressure	1.2 bar (17 psi)	
Oil capacity / cartridge	195 ml (6.59 fl. oz.)	Fork oil (SAE 5) (☛ p. 116)
Oil capacity / fork tube without cartridge	360 ml (12.17 fl. oz.)	Fork oil (SAE 5) (☛ p. 116)

250 SX-F USA

Fork part number	14.18.7E.22	
Fork	WP Suspension 4860 MXMA CC	
Compression damping		
Comfort	17 clicks	
Standard	15 clicks	
Sport	13 clicks	
Rebound damping		
Comfort	22 clicks	
Standard	22 clicks	
Sport	20 clicks	
Spring length with preload spacer(s)	492 mm (19.37 in)	
Spring rate		
Weight of rider: 65... 75 kg (143... 165 lb.)	4.4 N/mm (25.1 lb/in)	
Weight of rider: 75... 85 kg (165... 187 lb.)	4.6 N/mm (26.3 lb/in)	
Weight of rider: 85... 95 kg (187... 209 lb.)	4.8 N/mm (27.4 lb/in)	
Fork length	940 mm (37.01 in)	
Gas pressure	1.2 bar (17 psi)	
Oil capacity / cartridge	195 ml (6.59 fl. oz.)	Fork oil (SAE 5) (☛ p. 116)
Oil capacity / fork tube without cartridge	375 ml (12.68 fl. oz.)	Fork oil (SAE 5) (☛ p. 116)

EXC-F, EXC-F SIX DAYS, XCF-W

Shock absorber part number	12.18.7E.04
Shock absorber	WP Suspension PDS 5018 DCC
Compression damping, low-speed	
Comfort	18 clicks
Standard	15 clicks
Sport	12 clicks
Compression damping, high-speed	
Comfort	2 turns
Standard	1.5 turns
Sport	1 turn
Rebound damping	
Comfort	26 clicks
Standard	24 clicks
Sport	22 clicks
Spring preload	9 mm (0.35 in)
Spring rate	
Weight of rider: 65... 75 kg (143... 165 lb.)	66 N/mm (377 lb/in)
Weight of rider: 75... 85 kg (165... 187 lb.)	69 N/mm (394 lb/in)
Weight of rider: 85... 95 kg (187... 209 lb.)	72 N/mm (411 lb/in)
Spring length	250 mm (9.84 in)
Gas pressure	10 bar (145 psi)
Static sag	35 mm (1.38 in)
Riding sag	105 mm (4.13 in)
Fitted length	411 mm (16.18 in)

250 XC-F USA

Shock absorber part number	12.18.7E.28
Shock absorber	WP Suspension PDS 5018 DCC
Compression damping, low-speed	
Comfort	17 clicks
Standard	15 clicks
Sport	13 clicks
Compression damping, high-speed	
Comfort	1 turn
Standard	1 turn
Sport	3/4 turn
Rebound damping	
Comfort	25 clicks
Standard	25 clicks
Sport	23 clicks
Spring preload	5 mm (0.2 in)
Spring rate	
Weight of rider: 65... 75 kg (143... 165 lb.)	66 N/mm (377 lb/in)
Weight of rider: 75... 85 kg (165... 187 lb.)	69 N/mm (394 lb/in)
Weight of rider: 85... 95 kg (187... 209 lb.)	72 N/mm (411 lb/in)
Spring length	250 mm (9.84 in)
Gas pressure	10 bar (145 psi)
Static sag	33 mm (1.3 in)
Riding sag	112 mm (4.41 in)
Fitted length	411 mm (16.18 in)

250 SX-F EU

Shock absorber part number	12.18.7E.03
Shock absorber	WP Suspension PDS 5018 DCC
Compression damping, low-speed	
Comfort	17 clicks
Standard	15 clicks
Sport	13 clicks
Compression damping, high-speed	
Comfort	1.5 turns
Standard	1.5 turns
Sport	1 turn
Rebound damping	
Comfort	24 clicks
Standard	22 clicks
Sport	21 clicks
Spring preload	6 mm (0.24 in)
Spring rate	
Weight of rider: 65... 75 kg (143... 165 lb.)	66 N/mm (377 lb/in)
Weight of rider: 75... 85 kg (165... 187 lb.)	69 N/mm (394 lb/in)
Weight of rider: 85... 95 kg (187... 209 lb.)	72 N/mm (411 lb/in)
Spring length	250 mm (9.84 in)
Gas pressure	10 bar (145 psi)
Static sag	33 mm (1.3 in)
Riding sag	105 mm (4.13 in)
Fitted length	411 mm (16.18 in)

250 SX-F USA

Shock absorber part number	12.18.7E.22
Shock absorber	WP Suspension PDS 5018 DCC
Compression damping, low-speed	
Comfort	17 clicks
Standard	15 clicks
Sport	13 clicks
Compression damping, high-speed	
Comfort	1 turn
Standard	1 turn
Sport	3/4 turn
Rebound damping	
Comfort	25 clicks
Standard	24 clicks
Sport	22 clicks
Spring preload	7 mm (0.28 in)
Spring rate	
Weight of rider: 65... 75 kg (143... 165 lb.)	66 N/mm (377 lb/in)
Weight of rider: 75... 85 kg (165... 187 lb.)	69 N/mm (394 lb/in)
Weight of rider: 85... 95 kg (187... 209 lb.)	72 N/mm (411 lb/in)
Spring length	250 mm (9.84 in)
Gas pressure	10 bar (145 psi)
Static sag	33 mm (1.3 in)
Riding sag	107 mm (4.21 in)
Fitted length	411 mm (16.18 in)

Spoke nipple, front wheel	M4,5	5 Nm (3.7 lbf ft)	–
Spoke nipple, rear wheel	M5	5 Nm (3.7 lbf ft)	–
Screw, spoiler on fuel tank (250 XCF-W USA, 250 XC-F USA)	M5x12	1.5 Nm (1.11 lbf ft)	–
Remaining nuts, chassis	M6	15 Nm (11.1 lbf ft)	–
Remaining screws, chassis	M6	10 Nm (7.4 lbf ft)	–
Screw, rear brake disc	M6	14 Nm (10.3 lbf ft)	–
Screw, front brake disc	M6	14 Nm (10.3 lbf ft)	–
Screw, shock absorber adjusting ring	M6	5 Nm (3.7 lbf ft)	–
Screw, ball joint of push rod on foot-brake cylinder	M6	10 Nm (7.4 lbf ft)	–
Nut, rear sprocket screw	M8	35 Nm (25.8 lbf ft)	Loctite® 243™
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, front brake caliper	M8	25 Nm (18.4 lbf ft)	Loctite® 243™
Screw, top triple clamp (EXC-F SIX DAYS, XCF-W USA, XC-F, SX-F)	M8	17 Nm (12.5 lbf ft)	–
Screw, top triple clamp (EXC-F EU, EXC-F AUS, XCF-W ZA)	M8	20 Nm (14.8 lbf ft)	–
Screw, bottom triple clamp (EXC-F SIX DAYS, XCF-W USA, XC-F, SX-F)	M8	12 Nm (8.9 lbf ft)	–
Screw, bottom triple clamp (EXC-F EU, EXC-F AUS, XCF-W ZA)	M8	15 Nm (11.1 lbf ft)	–
Screw, fork stub	M8	15 Nm (11.1 lbf ft)	–
Screw, top steering stem (EXC-F SIX DAYS, XCF-W USA, XC-F, SX-F)	M8	17 Nm (12.5 lbf ft)	Loctite® 243™
Screw, top steering stem (EXC-F EU, EXC-F AUS, XCF-W ZA)	M8	20 Nm (14.8 lbf ft)	–
Screw, handlebar clamp (EXC-F EU, EXC-F AUS, XCF-W, XC-F, SX-F)	M8	20 Nm (14.8 lbf ft)	–
Screw, handlebar clamp (250 EXC-F SIX DAYS EU)	M8	16 Nm (11.8 lbf ft)	–
Screw, engine brace	M8	33 Nm (24.3 lbf ft)	–
Screw, subframe	M8	35 Nm (25.8 lbf ft)	Loctite® 243™
Screw, side stand fixing	M8	40 Nm (29.5 lbf ft)	Loctite® 243™
Engine carrying screw	M10	60 Nm (44.3 lbf ft)	–
Remaining nuts, chassis	M10	50 Nm (36.9 lbf ft)	–
Remaining screws, chassis	M10	45 Nm (33.2 lbf ft)	–
Screw, handlebar support	M10	40 Nm (29.5 lbf ft)	Loctite® 243™
Nut, seat fixing	M12x1	20 Nm (14.8 lbf ft)	–
Screw, top shock absorber	M12	80 Nm (59 lbf ft)	Loctite® 243™
Screw, bottom shock absorber	M12	80 Nm (59 lbf ft)	Loctite® 243™
Nut, swingarm pivot	M16x1.5	100 Nm (73.8 lbf ft)	–
Screw-in nozzles, cooling system	M20x1.5	12 Nm (8.9 lbf ft)	Loctite® 243™
Nut, rear wheel spindle	M20x1.5	80 Nm (59 lbf ft)	–
Screw, top steering head	M20x1.5	10 Nm (7.4 lbf ft)	–
Screw, bottom steering head (XCF-W USA, XC-F, SX-F)	M20x1.5	60 Nm (44.3 lbf ft)	Loctite® 243™
Screw, front wheel spindle	M24x1.5	45 Nm (33.2 lbf ft)	–