

TECHNICAL SPECIFICATIONS - CHASSIS 250/300 XC/XC-W/EXC/EXC SIX DAYS 2009»

CHASSIS	250/300 XC/XC-W/EXC/EXC SIX DAYS
Frame	Central chrome-moly-steel frame
Fork 250/300 XC 250/300 XC-W/EXC/EXC Six Days	WP Suspension – 4860 MXMA CC (Closed Cartridge) WP Suspension – 4860 MXMA PA (Open Cartridge, Preload Adjuster)
Wheel travel front/rear	300/335 mm (11.8/13.2 in)
Rear suspension	WP Suspension – 5018 PDS DCC (Double Compression Control)
Front brake	Disc brake with wave carbon-steel brake disc Ø 260 mm (10.2 in), brake caliper floated
Rear brake	Disc brake with wave carbon-steel brake disc Ø 220 mm (8.7 in), brake caliper floated
Brake discs	Wear limit 2.50 mm (0.1 in) front / 3.50 mm (0.14 in) rear
Front tires * 250/300 XC/XC-W 250/300 EXC/EXC Six Days	80/100-21 51M Bridgestone M59 90/90-21 54M Metzeler MCE 6 Days Extreme
Air pressure offroad Air pressure road driver only	1.0 bar (14 psi) 1.5 bar (21 psi)
Rear tires * 250/300 XC/XC-W 250/300 EXC/EXC Six Days	110/100-18 64M Bridgestone M402 140/80-18 70M Metzeler MCE 6 Days Extreme
Air pressure offroad Air pressure road driver only	1.0 bar (14 psi) 2.0 bar (28 psi)
Fuel tank capacity 250/300 XC/XC-W 250/300 EXC EU 250/300 EXC AUS 250/300 EXC Six Days	11 liters (2.9 US gallons) 2 liters (0.52 US gallon) reserve 9.5 liters (2.5 US gallons), 2 liters (0.52 US gallon) reserve 11 liters (2.9 US gallons) 2 liters (0.52 US gallon) reserve 9.5 liters (2.5 US gallons), 2 liters (0.52 US gallon) reserve
Final drive ratio 250/300 XC 250 XC-W 300 XC-W 250/300 EXC/EXC Six Days	14:50 13:50 14:50 13:40
Chain	5/8 x 1/4 "
Available final sprockets	38t, 40t, 42t, 45t, 48t, 49t, 50t, 51t, 52t
Bulbs	headlight 12V 35/35W Bilux (base Ba20d) parking light 12V 5W (base W2.1x9.5d) brake-rear light LED flasher light 12V 10W (base Ba15s)
Battery (electric starter models)	12V 3 Ah maintenance-free
Steering head angle	63.5°
Wheel base	1475 ± 10 mm (58 in ± 0.4 in)
Seat height, unloaded	985 mm (38.70 in)
Ground clearance, unloaded	385 mm (15.15 in)
Weight (without fuel) 250 XC 250 XC-W ZA 250 XC-W USA 250 EXC AUS 250 EXC EU/EXC Six Days 300 XC 300 XC-W 300 EXC/EXC Six Days	100.4 kg (221.6 lbs) 100.6 kg (222 lbs) 101.6 kg (222 lbs) 103.1 kg (227.6 lbs) 100.8 kg (222.5 lbs) 100.4 kg (221.6 lbs) 100.6 kg (222 lbs) 103.1 kg (227.6 lbs)

* further tire releases are available on the Internet at www.ktm.com

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STANDARD ADJUSTMENT – FORK		
	250/300 XC-W/EXC/EXC SIXDAYS	250/300 XC
	WP 4860 MXMA PA 14.18.7E.04	WP 4860 MXMA CC 14.18.7E.28
Compression adjuster	22 clicks	15 clicks
Rebound adjuster	22 clicks	21 clicks
Spring	432.505.00.042W	432.485.00.044W
Preload Adjuster	2 turns	–
Air chamber length	110 mm (4.3 in)	–
Fork oil	SAE 5	SAE 5

STANDARD ADJUSTMENT – SHOCK ABSORBER		
	250/300 XC-W/EXC/EXC SIXDAYS	250/300 XC
Typ	WP 5018 PDS DCC 12.18.7E.04	WP 5018 PDS DCC 12.18.7E.28
Compression adjuster		
Low speed	15 clicks	15 clicks
High speed	1.5 turn	1 turn
Rebound adjuster	24 clicks	25 clicks
Spring	69-250	69-250
Spring preload	9 mm (0.35 in)	5 mm (0.2 in)
Static sag	35 mm ± 2 mm (1.38 in ± 0.08)	38 mm ± 2 mm (1.50 in ± 0.08)
Riding sag	105 mm ± 5 mm (4.13 in ± 0.20)	112 mm ± 5 mm (4.40 in ± 0.20)

TIGHTENING TORQUES – CHASSIS		
Collar screw, front wheel spindle	M24x1.5	45 Nm
Brake caliper, front	M8 (10.9)	Loctite 243 + 25 Nm
Brake disks	M6 (10.9)	14 Nm
Screw steering head	M20x1,5	10 Nm
Lower Screw steering head	M20x1,5	Loctite 243 + 60 Nm
Clamping screws, upper fork bridge (machined fork bridge)	M8 (10.9)	17 Nm
Clamping screws, lower fork bridge (machined fork bridge)	M8 (10.9)	12 Nm
Clamping screws, upper steering stem	M8 (10.9)	Loctite 243 + 17 Nm
Clamping screws, upper fork bridge (forged fork bridge)	M8 (10.9)	20 Nm
Clamping screws, lower fork bridge (forged fork bridge)	M8 (10.9)	15 Nm
Clamping screws, fork stubs	M8 (10.9)	15 Nm
Collar nut, rear wheel spindle	M20x1.5	80 Nm
Hexagon nut, swing arm bolt	M16x1.5	100 Nm
Hexagon collar screw, handlebar clamp	M8 (10.9)	20 Nm
Allan head screw, handlebar support	M10 (10.9)	Loctite 243 + 40 Nm
Shock absorber, top	M12 (10.9)	Loctite 243 + 80 Nm
Shock absorber, bottom	M12 (10.9)	Loctite 243 + 80 Nm
Flat-head screws for subframe	M8 (10.9)	Loctite 243 + 35 Nm
Collared nuts for rear sprocket screws	M8 (10.9)	Loctite 243 + 35 Nm
Flat-head screw for side stand	M8 (10.9)	Loctite 243 + 40 Nm
Ball joint for push rod foot brake cylinder	M6 (10.9)	10 Nm
Engine mounting bolt	M10 (10.9)	60 Nm
Engine brace	M8 (10.9)	33 Nm
Screw adjusting ring spring preload shock absorber	M6	8 Nm
Spoke nipple	M4.5 / M5	5 Nm
Other screws on chassis	M6	10 Nm
	M8	25 Nm
	M10	45 Nm
Other collar nuts on chassis	M6	15 Nm
	M8	30 Nm
	M10	50 Nm