

TECHNICAL SPECIFICATIONS - CHASSIS 250/300 XC/XC-W/EXC-E/EXC-E SIX DAYS 2008»

CHASSIS	250 XC/XC-W/EXC/EXC SIX DAYS	300 XC/XC-W/EXC-E/EXC-E SIX DAYS
Frame	Central chrome-moly-steel frame	
Fork	WP Suspension – 4860 MXMA CC (Closed Cartridge)	
250/300 XC	WP Suspension – 4860 MXMA PA (Open Cartridge)	
250 XC-W/EXC/EXC Six Days	WP Suspension – 4860 MXMA PA (Closed Cartridge)	
300 XC-W/EXC-E/EXC-E Six Days		
Wheel travel front/rear	300/335 mm (11.8/13.2 in)	
Rear suspension	WP Suspension – 5018 PDS DCC	
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	80/100-21 51M Bridgestone M59	
250/300 EXC-E/EXC-E Six Days	90/90-21 54M Metzeler MCE 6 Days Extreme	
Air pressure offroad	1,0 bar (14 psi)	
Air pressure road driver only	1,5 bar (21 psi)	
Rear tires *		
250/300 XC/XC-W	110/100-18 64M Bridgestone M402	
250/300 EXC-E/EXC-E Six Days	140/80-18 70M Metzeler MCE 6 Days Extreme	
Air pressure offroad	1,0 bar (14 psi)	
Air pressure road driver only	2,0 bar (28 psi)	
Fuel tank capacity		
250/300 XC/XC-W	11 liters (2,9 US gallons) 2 liters (0,52 US gallone) reserve	
250/300 EXC/EXC-E EU	9,5 liters (2,5 US gallons), 2 liters (0,52 US gallone) reserve	
250/300 EXC/EXC-E AUS	11 liters (2,9 US gallons) 2 liters (0,52 US gallone) reserve	
250/300 EXC Six Days/EXC-E Six Days	9,5 liters (2,5 US gallons), 2 liters (0,52 US gallone) reserve	
Final drive ratio		
250/300 XC	14:50	
250/300 XC-W/EXC-E Six Days	13:50	
250/300 EXC/EXC-E	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	925 mm (36,5 in)	
Ground clearance, unloaded	385 mm (15,15 in)	
Weight (without fuel)		
250 EXC/EXC Six Days	100,8 kg (222,5 lbs)	
250 XC	97,6 kg (215,5 lbs)	
250 XC-W ZA	98,8 kg (218 lbs)	
250 XC-W USA	101,6 kg (224,3 lbs)	
300 EXC-E/EXC-E Six Days	103,1 kg (227,6 lbs)	
300 XC	98 kg (216,3 lbs)	
300 XC-W	100,6 kg (220 lbs)	

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

STANDARD ADJUSTMENT – FORK			
	250/300 XC-W/EXC/EXC-E	250/300 EXC-E EXC-E SIX DAYS	250/300 XC
	WP 4860 MXMA PA 14.18.7D.04	WP 4860 MXMA PA 14.18.7D.34	WP 4860 MXMA CC 14.18.7D.28
Compression adjuster	22 clicks	24 clicks	20 clicks
Rebound adjuster	20 clicks	22 clicks	21 clicks
Spring	432.505.00.042W	432.505.00.044W	432.455.00.044W
Preload Adjuster	2 turns	2 turns	–
Air chamber length	110 mm	110 mm	–
Fork oil	SAE 5	SAE 5	SAE 5

STANDARD ADJUSTMENT – SHOCK ABSORBER			
	250/300 XC-W/EXC/EXC-E	250/300 EXC-E EXC-E SIX DAYS	250/300 XC
Typ	WP 5018 PDS DCC 12.18.7D.04	WP 5018 PDS DCC 12.18.7D.34	WP 5018 PDS DCC 12.18.7D.28
Compression adjuster			
Low speed	15 clicks	15 clicks	15 clicks
High speed	1,5 turn	1,5 turn	1 turn
Rebound adjuster	24 clicks	24 clicks	23 clicks
Spring	69-250	69-250	66-250
Spring preload	7 mm	8 mm	5 mm
Static sag	35 mm ± 2 mm	35 mm ± 2 mm	33 mm ± 2 mm
Riding sag	105 mm ± 5 mm	105 mm ± 5 mm	112 mm ± 5 mm

TIGHTENING TORQUES – CHASSIS		
Collar screw, front wheel spindle	M24x1,5	40 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	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 M8 M10	10 Nm 25 Nm 45 Nm
Other collar nuts on chassis	M6 M8 M10	15 Nm 30 Nm 50 Nm