

# TECHNICAL SPECIFICATIONS - CHASSIS 250/300 XC/XC-W/EXC SIX DAYS/EXC 2007»

CHASSIS	250/300 XC/XC-W	250/300 EXC SIX DAYS	250/300 EXC (EXC ZA)
Frame	Central chrome-moly-steel frame		
Fork	WP Suspension – 4860 MXMA (-PA; 250/300 XC/EXC SIX DAYS)		
Wheel travel front/rear	300/335 mm (11.8/13.2 in)		
Rear suspension	WP Suspension – 5018 PDS MCC, Alu-Hinterradschwinge		
Front brake	Disc brake with carbon-steel brake disc Ø 260 mm (10.2 in), brake caliper floated		
Rear brake	Disc brake with 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	80/100 - 21" 51M, M59 Bridgestone	90/90 - 21" Pirelli MT 83	90/90 - 21" Pirelli MT 83 (80/100 - 21" 51M, M59 Bridgestone)
Air pressure offroad	1,0 bar (14 psi)	1,0 bar (14 psi)	1,0 bar (14 psi)
Air pressure road driver only	-	1,5 bar (21 psi)	1,5 bar (21 psi)
Rear tires	110/100 - 18" 64M, M402 Bridgestone	140/80 - 18" Pirelli MT 83	140/80 - 18" Pirelli MT 83 (110/100 - 18" 51M, M59 Bridgestone)
Air pressure offroad	1,0 bar (14 psi)	1,0 bar (14 psi)	1,0 bar (14 psi)
Air pressure road driver only	-	2,0 bar (28 psi)	2,0 bar (28 psi)
Fuel tank capacity (Reserve page 12)	250/300 EXC EU/EXC Six Days: 8,5 liters (2.2 US gallons) 250/300 EXC AUS: 10 liters (2.6 US gallons) 250/300 XC/XC-W: 11 liters (2.9 US gallons)		
Final drive ratio	13:50 t	13:50 t	13:40 t (13:50) 250/300EXC EU/AUS 13:50 t 250/300 EXC ZA
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	12V 21/5W (base BaY15d)
		flasher light	12V 10W (base Ba15s)
Steering head angle	63,5°		
Wheel base	1475 ± 10 mm (58.1 in ± 0.4 in)		
Seat height, unloaded	925 mm (36.5 in)		
Ground clearance, unloaded	385 mm (15.2 in)		
Weight (without fuel)	99,6 kg (250 XC, EU) 99,4 kg (250 XC, USA) 101,6 kg (250 XC-W USA) 99,8 kg (300 XC, USA) 100,4 kg (300 XC-W, USA)	102,6 kg EXC Six Days EU	102,6 kg (250/300 EXC EU/AUS) 100,6 kg (250/300 EXC ZA)

# TECHNICAL SPECIFICATIONS - CHASSIS 250/300 XC/XC-W/EXC SIX DAYS/EXC 2007»

STANDARD ADJUSTMENT – FORK 250/300 EXC/XC-W	
	WP 4860 MXMA
	14187C04
Compression adjuster	20
Rebound adjuster	20
Spring	4,2 N/mm
Luftkammerlänge	110 mm
Gabelöl	SAE 5

STANDARD ADJUSTMENT – SHOCK ABSORBER 250/300 EXC/XC-W	
	WP 5018 PDS MCC
	12187C04
Compression adjuster	15
Zugstufendämpfung	25
Spring	76-250
Spring preload	5 mm

STANDARD ADJUSTMENT – FORK 250/300 XC/EXC SIX DAYS	
	WP 4860 MXMA + PA
	14187C28
Compression adjuster	18
Rebound adjuster	20
Spring	4,4 N/mm
Preload Adjuster	2 Umdrehungen offen
Air chamber length	110 mm
Fork oil	SAE 5

STANDARD-EINSTELLUNG – GABEL 250/300 XC/EXC SIX DAYS	
	WP 5018 PDS DCC
	12187C28
Compression adjuster Low Speed	15
Compression adjuster High Speed	1,0 Umdrehungen offen
Rebound adjuster	24
Spring	76-250
Spring preload	5 mm

TIGHTENING TORQUES – CHASSIS		
Collar screw, front wheel spindle	M24x1,5	40 Nm
Brake caliper, front	M8	Loctite 243 + 25 Nm
Brake disks	M6	14 Nm
Steuerkopfschraube	M20x1,5	10 Nm
Steuerkopfschraube unten	M20x1,5	Loctite 243 + 60 Nm
Klemmschrauben Gabelbrücke oben (XC/EXC Six Days)	M8	17 Nm
Klemmschrauben Gabelbrücke unten (XC/EXC Six Days)	M8	12 Nm
Klemmschraube Gabelschaftrohr oben (XC/EXC Six Days)	M8	Loctite 243 + 17 Nm
Clamping screws, upper fork bridge (EXC, XC-W)	M8	20 Nm
Clamping screws, lower fork bridge (EXC, XC-W)	M8	15 Nm
Clamping screws, fork stubs	M8	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	20 Nm
Allan head screw, handlebar support	M10	Loctite 243 + 40 Nm
Shock absorber, top	M12	Loctite 243 + 70 Nm
Shock absorber, bottom	M12	Loctite 243 + 70 Nm
Sprocket screws	M8	Loctite 243 + 35 Nm
Ball joint for push rod	M6	10 Nm
Engine mounting bolt	M10	60 Nm
Engine brace	M8	33 Nm
Screw adjusting ring spring preload shock abs.	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