

Item	English	Metric
Dimension		
Overall length	CRF250R: 85.9 in CRF250RX: 86.0 in	CRF250R: 2,181 mm CRF250RX: 2,185 mm
Overall width	32.6 in	827 mm
Overall height	CRF250R: 49.6 in CRF250RX: 49.7 in	CRF250R: 1,260 mm CRF250RX: 1,262 mm
Wheelbase	58.5 in	1,486 mm
Seat height	CRF250R: 37.7 in CRF250RX: 37.8 in	CRF250R: 957 mm CRF250RX: 961 mm
Footpeg height	CRF250R: 16.4 in CRF250RX: 16.5 in	CRF250R: 416 mm CRF250RX: 419 mm
Ground clearance	CRF250R: 12.9 in CRF250RX: 13.0 in	CRF250R: 327 mm CRF250RX: 329 mm
Frame		
Type	Twin tube	
F. suspension	Telescopic fork, travel 10.6 in (268 mm) stroke 12.0 in (305 mm)	
R. suspension	Pro-link, CRF250R: travel 12.5 in (317 mm) CRF250RX: travel 12.4 in (316 mm)	
Tire size, front	CRF250R: 80/100-21 51M CRF250RX: 90/90-21 54M	
	DUNLOP	CRF250R: MX3SF CRF250RX: AT81F
Tire size, rear	CRF250R: 100/90-19 57M CRF250RX: 110/100-18 64M	
	DUNLOP	CRF250R: MX3S CRF250RX: AT81
Tire type	bias-ply, tube	
Tire pressure, front (cold)	15 psi (100 kPa, 1.0 kgf/cm ²)	

Tire pressure, rear (cold)	15 psi (100 kPa, 1.0 kgf/cm ²)	
F. brake, swept area	Single disc brake 56.0 in ² (361.0 cm ²)	
R. brake, swept area	Single disc brake 60.5 in ² (390.3 cm ²)	
Fuel	unleaded gasoline, pump octane number of 91 or higher	
Fuel tank capacity	CRF250R: 1.66 US gal CRF250RX: 2.25 US gal	CRF250R: 6.3 ℓ CRF250RX: 8.5 ℓ
Caster angle	CRF250R: 27°29' CRF250RX: 27°18'	
Trail length	CRF250R: 4.6 in CRF250RX: 4.5 in	CRF250R: 116 mm CRF250RX: 115mm
Fork oil capacity (except damper)	CRF250R: 11.6 US oz CRF250RX: 12.0 US oz	CRF250R: 343 cm ³ CRF250RX: 356 cm ³
Fork oil capacity (damper)	8.2 US oz	243 cm ³

Item	English	Metric
Engine		
Type	Liquid cooled, 4-stroke	
Cylinder arrangement	Single 9° inclined from vertical	
Bore and stroke	3.1102 x 2.0034 in	79.000 x 50.887 mm
Displacement	15.215 cu-in	249.43 cm ³
Compression ratio	13.9 : 1	
Valve clearance (cold)	Intake: 0.004 ± 0.001 in (0.11 ± 0.03 mm) Exhaust: 0.007 ± 0.001 in (0.19 ± 0.03 mm)	
Engine oil capacity after draining	1.14 US qt	1.08 ℓ
after draining and oil filter change	1.18 US qt	1.12 ℓ
after disassembly	1.43 US qt	1.35 ℓ
Throttle body		
Identification number	GQA7A	
Idle speed	2,000 ± 100 rpm	

Item	English	Metric
Cooling system		
Cooling capacity after draining	0.99 US qt	0.94 ℓ
after disassembly	1.14 US qt	1.08 ℓ
Drive train		
Clutch type	Wet, multi-plate type	
Transmission	5-speed, constant mesh	
Primary reduction	3.473	
Gear ratio I	2.230	
Gear ratio II	1.800	
Gear ratio III	1.470	
Gear ratio IV	1.227	
Gear ratio V	1.043	
Final reduction	3.692	
Gear shift pattern	Left foot-operated return system 1-N-2-3-4-5	
Electrical		
Battery	HY85S lithium-ion (li-ion) 12V-2.0 Ah (20HR)	
Ignition	ECM	
Starting system	Electric	
Spark plug Standard	NGK R0451B-8	
Spark plug gap	0.024 – 0.028 in (0.60 – 0.70 mm)	
Fuse		
Main fuse	10 A	