MOTO X SPORTS

STOCK SPEC CARD
motoxsports.com/bikes/husqvarna-fc-250/

HUSQVARNA
FC 250 2027

Motocross · 250cc 4T · US version

Safety recalls: see motoxsports.com/bikes/recalls/

Engine and chassis figures, as the manual prints them, are on the live page.

Verified
30 of 33 figures read off a manual page

GEARING

Stock front sprocket	14T ✓ [1] p. 146
Stock rear sprocket	52T ✓ [1] p. 146
Chain pitch	520 ✓ [1] p. 146
Stock chain links	– Not yet verified
Stock final drive ratio	3.71 : 1 ⊜ calc.

WHEELS AND TIRES

Front rim	21 x 1.6 ⓘ [2] maker
Rear rim	19 x 2.15 ⓘ [2] maker
Front tire	80/100-21 51M TT ✓ [1] p. 147
Rear tire	110/90-19 62M TT ✓ [1] p. 147

SUSPENSION

Fork	WP XACT AER ✓ [1] p. 148
Fork travel	305 mm (12.01 in) ✓ [1] p. 146
Shock travel	293 mm (11.54 in) ✓ [1] p. 146
Stock fork spring rate	– Not yet verified
Stock shock spring rate	42 N/mm ✓ [1] p. 151
Static sag, bike only	35 mm (1.38 in) ✓ [1] p. 151
Race sag, rider on	105 mm (4.13 in) ✓ [1] p. 151

FLUIDS AND CAPACITIES

Engine oil spec	10W/50 fully synthetic ✓ [1] p. 146
Engine oil capacity	1.0 l (≈ 33.8 fl oz) ✓ [1] p. 146
Coolant capacity	0.90 l (≈ 30.4 fl oz) ✓ [1] p. 146
Fuel capacity	7.2 l (≈ 1.90 gal) ✓ [1] p. 147

SERVICE SPECS

Fork oil ✓ [1] p. 149
Fork oil (48601166S1) (SAE 4): right outer assembly 240 +10/−50 ml (8.12 +0.34/−1.69 fl. ozUS); left outer assembly 240 +10/−50 ml (8.12 +0.34/−1.69 fl. ozUS); right cartridge 370 ml (12.51 fl. ozUS)

Brake fluid: DOT 5.1 ✓ [1] p. 168

Coolant type ✓ [1] p. 168
COOLANT M3.0, recommended supplier MOTOREX®; antifreeze protection to at least −25 °C (−13.0 °F)

Fuel octane: Super unleaded (ROZ 95) ✓ [1] p. 147

Idle speed ✓ [1] p. 146
2,250 rpm … 2,350 rpm (37.50 Hz … 39.17 Hz)

Valve clearance ✓ [1] p. 145
Intake at: 20 °C (68.0 °F) 0.08 mm … 0.15 mm (0.0031 in … 0.0059 in); Exhaust at: 20 °C (68.0 °F) 0.12 mm … 0.19 mm (0.0047 in … 0.0075 in)

MAINTENANCE

Tire pressure (off-road) ✓ [1] p. 147
1.0 bar (14.5 psi) front and rear

Chain slack: 58-61 mm (2.28-2.40 in) ✓ [1] p. 85

Spark plug and gap: NGK LMAR9AI-10, gap 1.0 mm ✓ [1] p. 145

Chain wear limit ✓ [1] p. 87
Weight, chain wear measurement 10 kg … 15 kg (22.0 lb … 33.1 lb); Maximum distance of chain rollers at the longest chain section 272 mm (10.71 in)

Brake pad wear limit: ≥ 1 mm (≥ 0.04 in) ✓ [1] p. 97

Break-in, as printed ✓ [1] p. 27
Do not exceed the specified engine speed and load during the running-in time. Maximum engine speed During the first operating hour 7,000 rpm (116.67 Hz) Maximum engine power during the first 3 operating hours ≤ 75 % Avoid fully opening the throttle.

DIMENSIONS

Seat height	946 mm (≈ 37.2 in) ✓ [1] p. 147
Wheelbase	1490 mm (≈ 58.7 in) ✓ [1] p. 146
Weight (weight without fuel approx.)	101.7 kg (≈ 224 lb) ✓ [1] p. 147

SHOP NOTES

Date / hours

Sprockets run

✓ printed on the manual page shown
ⓘ maker web page or spec sheet ⊜ calculated, not printed