KTM 65 SX 2027

Motocross · 65cc 2T · US version

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

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

Partly verified
24 of 27 figures read off a manual page

GEARING

Stock front sprocket	14T ✓ [1] p. 120	
Stock rear sprocket	48T ✓ [1] p. 120	
Chain pitch	420	⊜ calc.
Stock chain links	– Not yet verified	
Stock final drive ratio	3.43 : 1	⊜ calc.

WHEELS AND TIRES

Front rim	– Not yet verified
Rear rim	– Not yet verified
Front tire	60/100-14 M/C 30M TT ✓ [1] p. 121
Rear tire	80/100-12 41M TT ✓ [1] p. 121

SUSPENSION

Fork	WP XACT AER (air fork) ✓ [1] p. 121
Fork travel	215 mm (8.46 in) ✓ [1] p. 120
Shock travel	253.5 mm (9.980 in) ✓ [1] p. 120
Stock fork spring rate	– Not yet verified
Stock shock spring rate	– Not yet verified
Static sag, bike only	30 mm (1.18 in) ✓ [1] p. 123
Race sag, rider on	80 mm (3.15 in) ✓ [1] p. 123

FLUIDS AND CAPACITIES

Coolant capacity	0.55 l (≈ 18.6 fl oz) ✓ [1] p. 118
Premix ratio	60:1 ✓ [1] p. 121
Fuel capacity	4.5 l (≈ 1.19 gal) ✓ [1] p. 121

SERVICE SPECS

Gearbox oil ✓ [1] p. 118
Engine oil (15W/50), Partially synthetic: 0.50 l (0.132 liq. galUS)

Fork oil ✓ [1] p. 122
Fork oil (48601166S1) (SAE 4): left outer assembly 25 ml (0.85 fl. ozUS); right outer assembly 215 ml (7.27 fl. ozUS)

Brake fluid: DOT 5.1 ✓ [1] p. 83

Coolant type ✓ [1] p. 118
Coolant; antifreeze protection to at least: −25 °C (−13.0 °F)

Fuel octane: Super unleaded (95 octane) ✓ [1] p. 121

Idle speed ✓ [1] p. 118
1,500 rpm … 2,000 rpm (25.00 Hz … 33.33 Hz)

MAINTENANCE

Tire pressure (off-road) ✓ [1] p. 121
1.0 bar (14.5 psi) front and rear

Chain slack: – Not yet verified

Spark plug and gap: BRISK AR12C, gap 0.70 mm ✓ [1] p. 118

Brake pad wear limit: ≥ 1 mm (≥ 0.04 in) ✓ [1] p. 83

Break-in, as printed ✓ [1] p. 22
During the running-in time, do not exceed the specified engine power. Maximum engine power during the first 3 operating hours < 70 % during the first 5 operating hours < 100 % Avoid fully opening the throttle.

DIMENSIONS

Seat height	730 mm (≈ 28.7 in) ⓘ [2] maker
Wheelbase	1,142 mm (≈ 45.0 in) ✓ [1] p. 121
Weight (weight without fuel approx.)	54.3 kg (≈ 120 lb) ✓ [1] p. 121

SHOP NOTES

Date / hours

Sprockets run

Sag, race / static

Clickers, fork / shock

Tire pressure, F / R

Map or jetting

Notes

✓ printed on the manual page shown
ⓘ maker web page or spec sheet ⊜ calculated, not printed
≈ converted by MotoXSports – not yet verified

Check your own manual before ordering parts or setting up the bike. Torque values are not published here: use the manual.

motoxsports.com/bikes/ktm-65-sx/ · data checked 2026-11-08

1 KTM Owner's Manual 2027 65 SX, Item no. 3240374en (07/07/2026) pp. 22, 83, 118, 119, 120, 121, 122, 123

2 KTM 2027 65 SX technical specifications (ktm.com, US)

The live page, with every source