

# TECHNICAL

## ENGINE

ENGINE TYPE	2-cylinder, 4-stroke, V 75°
DISPLACEMENT	1,301 cc
BORE / STROKE	108 / 71 mm
POWER	118 kW (160 hp) @ 9,000 rpm
TORQUE	138 Nm @ 6,500 rpm
COMPRESSION RATIO	13.1:1
STARTER / BATTERY	Electric starter / 12V 11.2Ah
TRANSMISSION	6 gears
FUEL SYSTEM	Keihin EFI (throttle body Ø 52 mm)
CONTROL	4 valves per cylinder / DOHC
LUBRICATION	Pressure lubrication with 3 Eaton pumps
ENGINE OIL	Motorex, SAE 10W-50
PRIMARY DRIVE	40:76
FINAL DRIVE	17:42
COOLING	Liquid cooling
CLUTCH	PASC slipper clutch, hydraulically operated
ENGINE MANAGEMENT / IGNITION	Keihin EMS with RBW and ACC (adaptive cruise control), double ignition
TRACTION CONTROL	MTC (lean-angle sensitive, 4 modes, disengageable)
CO <sub>2</sub> (GRAM / KM)	134 g/km
FUEL CONSUMPTION	5,7 l/100 km

## CHASSIS

FRAME	Chromium-Molybdenum-Steel trellis frame, powder coated
SUBFRAME	Aluminium, powder coated
HANDLEBAR	Aluminium, tapered, Ø 28 / 22 mm
FRONT SUSPENSION	WP SAT (semi-active technology) Upside-Down Ø 48 mm
ADJUSTABILITY	Semi-active
REAR SUSPENSION	WP SAT (semi-active technology) shock absorber
ADJUSTABILITY	Semi-active, electronically regulated preload
SUSPENSION TRAVEL FRONT/REAR	200 / 200 mm
FRONT BRAKE	2 x Brembo 4-piston, radially mounted caliper, brake disc Ø 320 mm
REAR BRAKE	Brembo 2-piston, fixed caliper, brake disc Ø 267 mm
ABS	Bosch 10.3ME Combined-ABS (incl. Cornering-ABS and offroad mode, disengageable)
WHEELS FRONT/REAR	Cast aluminium wheels 3.50 x 19"; 5.00 x 17"
TYRES FRONT/REAR	120/70 ZR 19; 170/60 ZR 17
CHAIN	525 X-ring
SILENCER	Stainless steel silencer
STEERING HEAD ANGLE	65,3°
TRAIL	109,2 mm
WHEEL BASE	1,557 ± 15 mm
GROUND CLEARANCE	223 mm
SEAT HEIGHT	849 / 869 mm
TANK CAPACITY	approx. 23 litres / 5 l reserve
DRY WEIGHT	approx. 220 kg

## KTM 1290 SUPER ADVENTURE S



# DATA