

TECHNICAL

ENGINE

ENGINE TYPE	2 cylinders, 4 stroke, DOHC Parallel twin
DISPLACEMENT	889 cc
BORE / STROKE	90.7 / 68.8mm
POWER	77 kW (105 hp) @ 8,000 rpm
TORQUE	100 Nm @ 6,500 rpm
COMPRESSION RATIO	13.5:1
STARTER / BATTERY	Electric / 12V 10Ah
TRANSMISSION	6 gears
FUEL SYSTEM	DKK Dell'Orto (Throttle body 46mm)
CONTROL	4 valves per cylinder / DOHC
LUBRICATION	Pressure lubrication with 2 oil pumps
ENGINE OIL	Motorex, Power Synth SAE 10W-50
PRIMARY DRIVE	39:75
FINAL DRIVE	16:45 / X- chain Ring
COOLING	Liquid cooled with water / oil heat exchanger
CLUTCH	Cable operated PASC Slipper clutch
ENGINE MANAGEMENT / IGNITION	Bosch EMS with RBW
TRACTION CONTROL	MTC (lean angle sensitive, 3-Mode + Rally, disengageable)
CO ₂ (GRAM / KM)	105 g / km
FUEL CONSUMPTION	4.5 l / 100km

CHASSIS

FRAME	Chromium-Molybdenum-Steel frame using the engine as stressed element, powder coated
SUBFRAME	Chromium-Molybdenum-Steel trellis, powder coated
HANDLEBAR	Aluminum, tapered, Ø 28 / 22 mm
FRONT SUSPENSION	WP XPLOR 48
ADJUSTABILITY	Compression, rebound, preload
REAR SUSPENSION	WP XPLOR Monoshock with PDS
ADJUSTABILITY	Compression (high and low speed), rebound, hydraulic preload
SUSPENSION TRAVEL FRONT/REAR	240 / 240 mm
FRONT BRAKE	2 × radially mounted 4 piston caliper, brake disc Ø320 mm
REAR BRAKE	2 piston floating caliper, brake disc Ø 260 mm
ABS	Bosch 9.1 MP (incl. Cornering-ABS and off-road mode, disengageable)
WHEELS FRONT/REAR	Spoked wheels with aluminium rims, 2.50 × 21"; 4.50 × 18"
TYRES FRONT/REAR	90/90-21"; 150/70-18"
CHAIN	X-Ring 520
SILENCER	Stainless steel primary and secondary silencer
STEERING HEAD ANGLE	63.7°
TRAIL	110.4 mm
WHEEL BASE	1,528 mm ± 15 mm
GROUND CLEARANCE	263 mm
SEAT HEIGHT	880 mm
TANK CAPACITY	approx. 20 litres / 3 l reserve
DRY WEIGHT	approx. 196 kg

KTM 890 ADVENTURE R

KTM 890 ADVENTURE R RALLY

ENGINE TYPE	2 cylinders, 4 stroke, DOHC Parallel twin
DISPLACEMENT	889 cc
BORE / STROKE	90.7 / 68.8mm
POWER	77 kW (105 hp) @ 8,000 rpm
TORQUE	100 Nm @ 6,500 rpm
COMPRESSION RATIO	13.5:1
STARTER / BATTERY	Electric / 12V 10Ah
TRANSMISSION	6 gears
FUEL SYSTEM	DKK Dell'Orto (Throttle body 46mm)
CONTROL	4 valves per cylinder / DOHC
LUBRICATION	Pressure lubrication with 2 oil pumps
ENGINE OIL	Motorex, Power Synth SAE 10W-50
PRIMARY DRIVE	39:75
FINAL DRIVE	16:45 / X- chain Ring
COOLING	Liquid cooled with water / oil heat exchanger
CLUTCH	Cable operated PASC Slipper clutch
ENGINE MANAGEMENT / IGNITION	Bosch EMS with RBW
TRACTION CONTROL	MTC (lean angle sensitive, 3-Mode + Rally, disengageable)
CO ₂ (GRAM / KM)	105 g / km
FUEL CONSUMPTION	4.5 l / 100kmm

FRAME	Chromium-Molybdenum-Steel frame using the engine as stressed element, powder coated
SUBFRAME	Chromium-Molybdenum-Steel trellis, powder coated
HANDLEBAR	Aluminum, tapered, Ø 28 / 22 mm
FRONT SUSPENSION	WP XPLOR PRO 7548
ADJUSTABILITY	Compression, rebound, preload
REAR SUSPENSION	WP XPLOR PRO 6746 Monoshock with PDS
ADJUSTABILITY	Compression (high and low speed), rebound, hydraulic preload
SUSPENSION TRAVEL FRONT/REAR	270 / 270 mm
FRONT BRAKE	2 × radially mounted 4 piston caliper, brake disc Ø320 mm
REAR BRAKE	2 piston floating caliper, brake disc Ø 260 mm
ABS	Bosch 9.1 MP (incl. Cornering-ABS and off-road mode, disengageable)
WHEELS FRONT/REAR	Spoked wheels with aluminium rims, 2.15 × 21"; 4.00 × 18"
TYRES FRONT/REAR	90/90-21"; 150/70-18"
CHAIN	X-Ring 520
SILENCER	Stainless steel primary and Akrapovič titanium secondary silencer
STEERING HEAD ANGLE	63.8°
TRAIL	109.9 mm
WHEEL BASE	1,535 mm ± 15 mm
GROUND CLEARANCE	303 mm
SEAT HEIGHT	910 mm
TANK CAPACITY	approx. 20 litres / 3 l reserve
DRY WEIGHT	approx. 196 kg



DATA