



HP2 Enduro

This is what off-road Boxer fans have been waiting for: a genuine BMW motorcycle enduro. Classical, uncompromising and well thought out, right down to the last detail. With the powerful Boxer engine, consistently lightweight construction and perfect ergonomic design, it meets all the requirements for the ultimate off-road performance. The jewel in the crown is the chassis. The front has WAD²⁾ upside down fork and the rear – for the first time in mass-produced motorcycle construction – the BMW motorcycle air damping system¹⁾.



indigo blue metallic / Alaska grey

Engine

Type	Air/oil-cooled, four-stroke two-cylinder boxer engine, dual camshaft
Bore x stroke	101 x 73 mm
Capacity	1,170 ccm
Output	77 kW / 105 bhp at 7,000 rpm
Max. torque	115 Nm at 5,500 rpm
Compression ratio	11.0 : 1
Fuel / engine management	Electronic intake pipe injection, BMS-K digital engine management with overrun fuel cut-off, double ignition
Emission control	Regulated 3-way catalytic converter

Performance/fuel consumption

Maximum speed	Over 200 km/h (124 mph)
Fuel consumption per 100 km (62 mls.) at a constant 90 km/h (56 mph)	4.1 l
at a constant 120 km/h (75 mph)	5.5 l
Fuel type	Super plus unleaded (98 octane)

Electrics

Alternator	600 W generator
Battery	12 V / 12 Ah (maintenance-free)

Power transmission

Clutch	Single-disc dry clutch Ø 180 mm
Gearbox	Synchromesh 6-speed gearbox with helical gearing
Secondary drive	Cardan (shaft drive)
Final drive ratio	2.82

Chassis/brakes

Frame	Tubular steel space frame
Front suspension	WAD ²⁾ upside down fork Ø 45 mm; Compression phase can be continuously adjusted in two areas, traction phase continuously adjustable
Rear suspension	Die-cast aluminium single-sided swinging arm with BMW Motorrad Paralever; innovative air damping system, traction phase damping can be selected in two phases between competition and sport
Travel front / rear	270 / 250 mm
Wheelbase (in normal position)	1,610 mm
Castor (in normal position)	127 mm
Steering head angle (in normal position)	60.5°
Wheels	Cross-spoke wheels
Rims, front	1.85 x 21
Rims, rear	2.5 x 17
Tyres, front	90/90 - 21
Tyres, rear	140/80 - 17
Brakes, front	Single disc brake Ø 305 mm
Brakes, rear	Single disc brake Ø 265 mm, vibration-free

Dimensions / weights

Seat height, unladen	920 mm
Unladen, road ready, fully fuelled ³⁾	195 kg
Dry weight ⁴⁾	175 kg
Max. permitted weight	380 kg
Useable tank volume	13 l
Reserve	Approx. 2 l
Length	2,350 mm
Height (without mirrors)	1,266 mm
Width (with mirrors)	880 mm

1) Maintenance-free, self-contained system that works with an air chamber. The same air volumes take over the suspension and damping function. Adjustment is made via the filling pressure.

2) The mechanism for the path-dependent damping (WAD).

3) According to guideline 93/93/EEC including all operating liquids, fuelled to 90% of useable tank capacity

4) Empty weight without operating liquids