



BMW Motorrad



The Ultimate  
Riding Machine

HP4

SPORT

# UNSTOPPABLE HP4



STANDARD ON  
ALL MODELS.



HP4



HP4 with optional Competition Package

**THE BEST GETS EVEN BETTER.**  
 For riders who want even more out of the HP4 than the ultimate in racetrack performance, the HP4 with optional Competition Package is an exclusive variant featuring an impressive array of additional HP parts: HP brake lever, HP clutch lever, HP rider foot pegs, closed HP carbon engine spoiler, HP carbon badge mounting and HP carbon tank trim. And with its blue forged wheels and sponsor sticker kit, it's hard to miss – even from a distance.

## PURE PERFORMANCE.

When the best designers and engineers at BMW Motorrad have free rein to pursue their vision, the results can be summed up in two words: High Performance. High Performance stands for exclusivity and a focus on the essentials. It stands for the finest materials, state-of-the-art technology and outstanding design.

The HP4 is the first four-cylinder model to join these exalted ranks, combining extreme lightness

with unparalleled performance and total control. It's based on the RR, recombining the RR motorsport genes to create a thoroughbred serial production motorcycle. One that aims, quite simply, to be the finest in its segment, making waves among supersport bike fans just as the RR did. Making its worldwide debut here is DDC (Dynamic Damping Control) – an intelligent suspension set-up that adapts perfectly to suit the riding situation. Meanwhile, Race ABS, DTC, HP gear-shift assist, the titanium exhaust system

and the forged aluminium wheels have all been made more sophisticated than ever. Factor in the lightest four-cylinder engine and it's clear that the HP4 is one of the most agile and dynamic supersport bikes ever. Its superb design makes it utterly exclusive – all the more so because it will only be produced for a limited time, as demonstrated by the engraved serial number and HP logo on the fork bridge. The HP4 – truly one of a kind.

## PURE POWER.

On the racetrack or on normal roads, the HP4 is the ultimate combination of power, lightness and control, tackling curves of all kinds without hesitation. It's the lightest four-cylinder bike (incl. ABS, DTC and gearshift assist) in its segment – powered forward by an output of 193 horsepower (142 kilowatts) and a maximum torque of 112 newton-metres.

The exhaust system is made entirely of titanium, saving 4.5 kilograms in weight. And if that isn't enough, the

silencer and the engine application provide more torque in the medium range, delivering more power when you want it most. The lightweight forged aluminium wheels are 2.4 kilograms lighter, making the HP4 exceptionally agile.

With the advent of the HP4, the competition in the superstock class for road bikes will be more intense than ever and riders can expect to achieve new personal bests. Professional assistance is also available

from HP Race Support, providing racing enthusiasts with expertise ranging from email consultancy to one-on-one support on site. Find out more at: [bmw-motorrad.com/hp4](http://bmw-motorrad.com/hp4)  
The HP4 – uniquely sporty.



## PURE INTELLIGENCE.

When pure power meets technical perfection, the result is sheer dynamism – and a motorbike that's way ahead of its time.

There's no better example of this than the world's first DDC (Dynamic Damping Control) system for the suspension. This offers Rain and Sport modes for normal roads and Race and Slick for the racetrack. All are individually adjustable to suit the driver's needs.

Once the selection has been made, the damping automatically adapts itself to the current situation. This works in perfect harmony with the updated DTC, which can be fine-tuned between -7 and +7 in Slick mode. This allows riders to strike the ideal balance between support from the system and personal responsibility, while enjoying lucid feedback, maximum traction and optimized acceleration. The HP4 also includes an updated version of Race ABS, revised on

the basis of experience gained from the IDM (International German Superbike Championship) – for maximum deceleration under any conditions thanks to 9x floating brake discs.

But before braking comes acceleration, courtesy of Launch Control, fitted for the first time on a BMW motorcycle. The HP4 – uniquely innovative.



#### HP RACE PARTS.

HP Race Parts and HP Race Support: ideal for the racetrack.

Find out more online at:

[bmw-motorrad.com/raceparts](http://bmw-motorrad.com/raceparts)

or email:

[HP-Race-support@bmw-motorrad.com](mailto:HP-Race-support@bmw-motorrad.com)



## PURE EXCLUSIVITY.

What makes a motorcycle unique? Exceptional performance plus unique design – both of which are apparent right away in the HP4 with optional Competition Package.

This offers an impressive array of additional HP components: HP brake lever, HP clutch lever and HP rider foot pegs. The long, closed HP engine spoiler, the HP badge mounting and the HP tank trim are made

entirely of carbon. But the most distinctive features are the forged aluminium wheels with their Racing Blue paint finish and the sponsorship sticker kit, which form an integrated work of art that's instantly recognizable. Each HP4 is issued with its own serial number engraved on the upper fork bridge, making every HP4 with the optional Competition Package a unique creation. And because the high-quality carbon components are only available in limited numbers, the number of models is

restricted too, and will be produced for a limited time only. The HP4 with optional Competition Package – uniquely exclusive.

#### ENGINE

Type	Water/oil-cooled in-line four-cylinder four-stroke engine, four titanium valves per cylinder, double overhead camshaft
Bore x stroke	80 mm x 49.7 mm
Capacity	999 cc
Max. output	193 hp (142 kW) at 13,000 rpm
Max. torque	112 Nm at 9,750 rpm
Compression ratio	13.0:1
Fuel/engine management	Electronic fuel injection, BMS-K+ electronic engine management with integrated knock control
Emission control	Regulated three-way catalytic converter, compliant with EU3 emission standard, with balance pipe valves and sound flaps

#### PERFORMANCE/FUEL CONSUMPTION

Max. speed	Over 200 km/h
Fuel consumption per 100 km at 90 km/h	5.7 litres
Fuel consumption per 100 km at 120 km/h	5.9 litres
Fuel type	Premium unleaded, 95–98 octane (RON) with knock control; max. output figure achieved with 98-octane fuel

#### ELECTRICS

Alternator	350-W three-phase generator
Battery	12 V/7 Ah, maintenance-free

#### TRANSMISSION

Clutch	Wet multidisc anti-hopping clutch, mechanically operated
Gears	Six-speed synchromesh gearbox with spur gears
Final drive	Chain 17/45
Gear-shift assist	Enables upshifts during acceleration without use of clutch
Launch Control	Launch Control for race starts

#### CHASSIS/BRAKES

Frame	Aluminium bridge-type frame with load-bearing engine
Suspension, front	Upside-down telescopic fork, stanchion diameter 46 mm, DDC Dynamic Damping Control electronically regulated, spring pre-load adjustable, damping control range electronically adjustable.
Suspension, rear	Aluminium double swing-arm, DDC Dynamic Damping Control (central spring strut), spring pre-load adjustable, rebound and compression damping electronically regulated, control range fully adjustable.
Travel, front/rear	120 mm / 130 mm
Wheelbase	1422.7 mm
Castor	98.5 mm
Steering head angle	65.99°
Wheels	Forged aluminium wheels
Rim dimensions, front	3.50 x 17"
Rim dimensions, rear	6.00 x 17"
Tyre, front	120/70 ZR 17
Tyre, rear	200/55 ZR 17
Brake, front	Double disc brakes, diameter 320 mm, 9x floating discs, monoblock four-piston fixed caliper, thickness 5 mm
Brake, rear	Single disc brake, diameter 220 mm, single-piston floating caliper, thickness 5 mm
BMW Motorrad ABS	Race ABS, switchable, with four modes: Rain, Sport, Race, Slick with IDM setting
DTC	DTC Dynamic Traction Control, switchable, with four modes: Rain, Sport, Race, Slick, adjustable in Slick mode

#### DIMENSIONS/WEIGHT

Seat height, unladen	820 mm
Rider step length, unladen	1,810 mm
Unladen weight, fully fuelled/road-ready <sup>1)</sup>	199 kg incl. Race ABS
Dry weight <sup>2)</sup>	169 kg
Max. permitted weight	407.5 kg
Max. load (with standard equipment)	208.5 kg
Usable tank capacity	17.5 litres
Of which reserve	approx. 4.0 litres
Length	2,056 mm
Height (excluding mirrors)	1,138 mm
Width (including mirrors)	826 mm

Dimensions refer to unladen motorcycles as per DIN standard definition.

<sup>1)</sup> As defined in EU directive 93/93/EEC, filled with all operating fluids, fuelled to at least 90% of usable tank capacity.

<sup>2)</sup> Unladen weight without operating fluids.

# THE HP4 WITH OPTIONAL COMPETITION PACKAGE.

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## PERFECTION AS STANDARD.

- FOLDING HP BRAKE AND CLUTCH LEVERS
- HP CARBON TANK TRIM AND BADGE MOUNTING
- HP RIDER FOOT PEGS
- CLOSED HP CARBON ENGINE SPOILER
- FORGED ALUMINIUM WHEELS IN RACING BLUE
- SPONSOR STICKER KIT



Check out the Race helmet and the full range of Rider and Motorcycle Equipment online at:

[bmw-motorrad.com](http://bmw-motorrad.com)



Become a part of the BMW Motorrad experience online at:

[bmw-motorrad.com/community](http://bmw-motorrad.com/community)