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The New BMW R nineT and R nineT Urban G/S Boutique Character, Boxer Feel, and Classic Look

Woodcliff Lake, NJ – November 18, 2016...When BMW Motorrad launched the R nineT in 2013, it was clearly more than just a roadster based on a classic role model. From the outset, the R nineT combined classic motorcycle design and modern technology with sophisticated craftsmanship, as demonstrated by touches such as the aluminum fuel tank with brushed side surfaces. In numerous components, the model also reflected the R nineT team's fond attention to detail. The new R nineT likewise radiates this boutique manufacturing character, supported by a range of optimized features.

The new R nineT Urban G/S is quite different in style but equally classic in character.

For more than 35 years, the abbreviation GS in conjunction with BMW Motorrad has been virtually synonymous with a sense of freedom and a passion for adventure on two wheels, both on-road and off-road. The R nineT Urban G/S draws on the genes of the very first and legendary BMW R 80 G/S of 1980, transporting them into the modern era with contemporary technology in the form of a classic enduro-style BMW motorcycle with boxer engine.

Both of the new BMW Heritage models feature the potent, air/oil-cooled boxer engine with a capacity of 1,170 cc and an output of 81 kW (110 hp) combined with a 6-speed gearbox. Their exhaust systems in stainless steel with the tailpipe positioned on the left reflects classic styling.

Modular frame concepts intended for customizing.

Modular frame concepts provide great scope for altering the appearance and character of the two BMW boxer models according to individual preference, for example by adding different seats from the range of BMW Motorrad accessories. In the R nineT, the frame comprises four components as before: a front main frame, a rear main frame, a removable

end piece and a detachable passenger frame. In the R nineT Urban G/S the frame consists of three components: a front and rear main frame with integrated end piece and a passenger frame.

R nineT now with fully adjustable upside-down fork and optimized suspension geometry. R nineT Urban G/S with endure-style suspension.

As before, a high-quality upside-down telescopic fork takes care of front wheel control in the new R nineT, though this is now designed as a fully adjustable component. With a view to even greater steering precision, directional stability and cornering neutrality, the new edition of the R nineT has also been optimized in terms of suspension geometry. In the R nineT Urban G/S there is a conventional telescopic fork at the front while the BMW Paralever is applied in conjunction with a central spring strut at the rear, as in the R nineT.

The R nineT now has wired-spoke wheels in the dimensions 3.5 x 17 inches and 5.5 x 17 inches respectively, with tires in the sizes 120/70 ZR 17 at the front and 180/55 ZR 17. As before, radially mounted 4-piston monoblock brake calipers ensure sound, ABS-regulated deceleration in conjunction with floating brake discs.

The R nineT Urban G/S comes equipped with light alloy cast wheels. The large 19-inch front wheel with 120/70 ZR 19 tire is in keeping with the typical enduro-style look of a classic bike. This is matched perfectly at the rear with a 17-inch wheel bearing a 170/60 ZR 17 tire. The new BMW boxer can be ordered with the optional extra of deep-treaded off-road tires which further enhances its classic style (standard trim: road tires) and also with filigree wired-spoke wheels. With 4-piston brake calipers, steel-wrapped brake lines and a brake disc diameter of 12.6 inches, a high-performance ABS brake system here again ensures effective and stable deceleration. To prevent the rear wheel from spinning on slippery roads, there is the option of ASC (Automatic Stability Control) which is available factory-installed.

The new R nineT: purist roadster with boutique manufacturing character and the option of individual colors.

In its new edition, the R nineT once more features the laid-back elegance and proportions of a classic BMW roadster. From all angles, the R nineT is defined by a blend of classic and modern elements of motorcycle design style combined with high-quality surfaces.

While the instrument cluster of the R nineT previously comprised two circular instruments for speedometer and engine speed display, perfectly integrated in the classic layout, the new design now features two separate instrument casings for an even more impressive appearance. Nothing has changed in the new edition of the R nineT in terms of its boutique manufacturing character and there are numerous details which fans will love: these include the 4.8 gallon (18-liter) aluminum fuel tank with elaborately brushed side surfaces, the aluminum trim panel featuring an embossed R nineT inscription which runs across the air intake duct on the right-hand side and much more besides.

While the R nineT conveyed its classic character in virtually perfect style with Black Storm metallic combined with silver and metallic contrasts, the new R nineT nonetheless manages to go one better in this regard: to match the black-coated components such as the frame and engine housing, the Paralever swing arm and the housing of the rear-wheel drive are now also finished in black.

For the first time, two individual paint finishes with boutique manufacturing character are available for the R nineT as optional equipment items. With these options, BMW Motorrad has expanded the customizing range to include the area of paintwork for the first time. The special paint finish "Black Storm metallic / Vintage" underscores the boutique manufacturing character of the aluminum fuel tank in Black Storm metallic / silver with a yellow application bearing the start number "21". The latter is applied by hand and gives the bike a refined used look. The model is supplied with an aluminum hump seat and passenger pad.

The second special paint finish "Blue Planet metallic / Aluminum" emphasizes the classically refined character of the R nineT with a touch of fresh style. Based on the clear-finished aluminum fuel tank with ground weld seam and aluminum hump seat – both hand-brushed – the center section of the fuel tank and hump are finished in Blue Planet metallic with a golden surround. The color Blue Planet metallic is also to be found on the front fender.

R nineT Urban G/S: traditional paint scheme and design in the style of the first BMW R 80 G/S.

One look at the R nineT Urban G/S reveals the genes of its ancestor, reproducing the R 80 G/S color concept virtually without alteration. As with predecessor, the fuel tank and the high-position of the front mudguard are finished in striking Light White paint, with a

matching headlamp mask whose styling is geared entirely towards the BMW G/S style of that era. As before, the R nineT Urban G/S features fuel tank decor in two shades of blue and a two-person seat in bright red – a color combination that interprets the BMW Motorsport colors of former years. This echoing of past times is supported by a frame finished in black.

Harmoniously matching the headlamp mask, the instrument cluster consists of a speedometer designed as an analog circular instrument, indicator lamps and a two-line LCD screen. High-end details also characterize the R nineT Urban G/S. These include the numerous aluminum forged parts such as fork bridges, the clamp for the aluminum double-butted tubular handlebars and much more besides.

One interesting detail solution in terms of creating a classic enduro look is the dual-section front mudguard. The front splash guard is attached to the lower fork bridge, thereby skillfully conveying a sense of classic enduro style. The rear splash guard is mounted just above the front wheel in conjunction with a fork stabilizer.

The highlights of the new BMW R nineT and R nineT Urban G/S:

- Potent flat-twin boxer engine with a capacity of 1,170 cc and an output of 110 hp (81 kW).
- Modular frame concepts with potential for customizing, allowing individualization according to personal taste.
- R nineT with new spoked wheels.
- R nineT Urban G/S with light alloy cast wheels and 19-inch front wheel in enduro style.
- 16.6 inch (320 mm) twin disc front brakes..
- ABS as standard.
- ASC (Automatic Stability Control) as a factory option.
- High-end details such as fork bridges made of forged aluminum with a clear anodized finish.
- R nineT with classic roadster design in Black Storm metallic in conjunction with a black frame and drivetrain.
- R nineT Urban G/S in the enduro style of the first R 80 G/S dating back to the year 1980.

- R nineT Urban G/S in Light White combined with fuel tank accents in two-tone blue highlighted with a bright red seat – echoing BMW Motorsport colors of past years.

Technology

Distinctive, air-cooled boxer engine for classic motorcycle enjoyment and dynamic riding fun.

The longitudinally mounted 2-cylinder boxer engine with power transmission via universal-shaft drive has been synonymous with BMW motorcycles for more than 90 years. Like no other motorcycle engine, the air-cooled BMW Motorrad boxer power unit enthrals riders with its unmistakable and authentic design, its powerful torque and its unique, throaty sound.

The BMW R nineT and the R nineT Urban G/S both feature the familiar air/oil-cooled boxer engine with 101 mm bore x 73 mm stroke, creating a capacity of 1,170 cc. Its peak output is 110 hp (81 kW) at 7,750 rpm and the maximum torque of 86 lb-ft (116 Nm) that peaks at 6,000 rpm, with a maximum engine speed of 8,500 rpm.

Both new models of the BMW Motorrad Heritage world of experience have been designed to meet the requirements of the European EU4 emissions standards. This involved fitting the motorcycles with such features as a new engine mapping, a fuel system with carbon canister for fuel tank ventilation and an exhaust system with an altered catalytic converter that has a larger cross-section. Control of the four valves is via two overhead chain-driven camshafts (DOHC) per cylinder. Valve activation is handled by very light and therefore speed-resistant rocker arms, and valve clearance compensation is by means of light hemispherical shims. Power transmission to the rear wheel is via the well-established 6-speed gearbox and the universal-shaft drive.

Individually designed exhaust systems for a powerful boxer sound and an authentic look.

The exhaust systems in stainless steel, each with rear silencer on the left-hand side, likewise contribute to creating a classic BMW with air-cooled boxer engine in the roadster and enduro style respectively. While the new R nineT interprets the concept of a classic, sporty roadster with rear silencers arranged vertically, the snugly fitting rear silencer of the R nineT Urban G/S reflects the philosophy of the original GS as a masterly, authentic variation on the BMW boxer theme for light off-road use.

The exhaust system has an electric servomotor and an acoustic valve controlled by opening and closing cables to meet the desire for a classic boxer sound while still complying with the noise emissions directive ECE R41-04. What is more, a large-size catalytic converter ensures even more effective exhaust gas cleaning.

The range of Original BMW Motorrad Accessories also gives customers various individualization exhaust system options to adapt the character of the two R nineT Heritage variants entirely according to personal taste.

Modular frame concepts with wide-ranging variation options.

The new R nineT and R nineT Urban G/S also respond to the desire on the part of many motorcycle fans to be able to make technical and visual modifications – commonly known as customizing – by providing a steel tubular space frame concept.

In the R nineT the latter comprises four components as before: a front main frame, a rear main frame, a removable end piece and a detachable passenger frame. In the R nineT Urban G/S the frame consists of three components: a front and rear main frame with integrated end piece and a passenger frame. The frame components are bolted onto one another.

R nineT now with optimized suspension geometry and fully adjustable upside-down telescopic fork.

With a view to even greater steering precision, directional stability and cornering neutrality, the new edition of the R nineT has also been optimized in terms of suspension geometry. The wheelbase is now .3 inches longer at 60.1 inches and the steering head angle has been reduced from 64.5 degrees to 63.2 degrees. This also brings about an extension of the castor from 4.03 inches (102.5 millimeters) to 4.3 inches (107.9 millimeters).

As before, the new R nineT's front wheel suspension is accomplished by a high-quality upside-down telescopic fork borrowed from the supersport model S 1000 RR, but it has now been designed as a fully adjustable component with configurable damping compression and rebound stage as well as an adjustable spring rest, thereby enabling the suspension set-up to be geared even more precisely to the rider's individual preferences. The spring travel is 4.9/5.5 inches.

R nineT Urban G/S with classic telescopic fork and gaiters.

In keeping with the style of a classic enduro bike, a conventionally structured telescopic fork with a tube diameter of 1.7 inches and a spring travel of 4.9 inches performs the function of front wheel control in the R nineT Urban G/S. As was common in enduro models in the past, classic rubber gaiters protect the exposed, sensitive slide areas of the fork tubes from stone impact.

Well-proven rear Paralever suspension.

The functions of rear wheel control in the new representatives of the BMW Motorrad Heritage world of experience are performed in well-proven fashion by the Paralever single-sided swing arm, as is also used in the other BMW Motorrad Heritage models.

Suspension and damping functions are taken care of by a central spring strut with a spring finished in white in each case. The spring rest is adjustable and rebound-stage damping can be set to continuously variable levels. In the new R nineT the spring travel is 4.7 inches (120 millimeters), in the R nineT Urban G/S it is 5.5 inches (140 millimeters) with a view to possible use in light terrain.

R nineT with new wire-spoke wheels as well as new handbrake and clutch controls.

As in its predecessor, contemporary wire-spoke wheels rekindle the flair of bygone days in the new R nineT. It features redesigned wheels with black anodized light alloy flat shoulder rims, cast aluminum hubs, stainless steel spokes and tubed tires. The wheel dimensions are 3.5 x 17 inches and 5.5 x 17 inches respectively. The tire size at the front is 120/70 ZR, while on the back of the R nineT a tire of the size 180/55 ZR 17 is mounted.

Sound deceleration is taken care of, as before, by radially mounted 4-piston monoblock brake calipers in conjunction with steel-wrapped brake lines and floating brake discs with a diameter of 12.6 inches. However, for use in the R nineT they have been combined with a new main brake cylinder. As part of this alteration, the manual clutch cylinder for activating the clutch has also been changed. At the rear, deceleration is ensured by a single-disc brake with a diameter of 10.4 inches and a 2-piston floating caliper. Like all BMW motorcycles, the new R nineT is fitted with BMW Motorrad ABS as standard, and the option ASC (Automatic Stability Control) is now also available as factory option.

R nineT Urban G/S with light alloy cast wheels and rustic enduro style footrests.

The R nineT Urban G/S is supplied with light alloy cast wheels. The large 19-inch front wheel with 120/70 ZR 19 tire is in keeping with the typical look of a classic bike in enduro style. This is matched perfectly at the rear with a 17-inch wheel bearing a tire of the size 170/60 ZR 17. The new BMW boxer can be ordered with the optional extra of deep-treaded off-road tires which further enhances its classic style (standard trim: road tires) and with filigree wired-spoke wheels.

The footrest system highlights the bike's rustic character. Coarsely toothed steel footrests provide stable, secure support in all conditions. The technical counterpart to the impressive contemporary riding dynamics of the new R nineT Urban G/S is a twin disc brake. With 4-piston brake calipers, steel-wrapped brake lines and a brake disc diameter of 12.6 inches, it ensures high-performance and stable deceleration even when travelling at speed. At the rear there is a single-disc brake with a diameter of 10.4 inches and a 2-piston floating caliper. The R nineT Urban G/S is likewise fitted as standard with the BMW Motorrad ABS. This R nineT variant also offers the option of ASC (Automatic Stability Control) to prevent the rear wheel from spinning on slippery roads.

Design and Color Concept

The new R nineT: purist roadster with boutique manufacturing character.

In the new edition, the R nineT once more features the laid-back elegance and proportions of a classic BMW roadster with its hallmark boxer engine, compact aluminum fuel tank with brushed side surfaces and a slim rear. And regardless of which variations the customer selects from the BMW Motorrad range of accessories – the R nineT always cuts a fine figure, whether with raised or lowered exhaust system, sporty aluminum tail hump or two-person seat.

The deliberate reduction of the styling to the essential design elements of a classic motorcycle ensures that the new R nineT also stylishly expresses its character with a small number of carefully created components. From all angles, the R nineT continues to be defined by a blend of classic and modern elements of motorcycle design style combined with high-quality surfaces.

The new R nineT also acquires a rustic expression of dynamic performance and supremacy from the classic circular instrument combined with the gold anodized tubes of the upside-down fork. While the instrument cluster previously comprised two circular instruments for speedometer and engine speed display, aesthetically integrated in this

classic layout, the new design now features two separate instrument casings for an even more impressive appearance.

In their simplicity, they entirely follow classic principles while still making use of modern technology. For example, the R nineT also has an on-board computer as standard which provides a large and clear display on a segmented screen that shows the most important information such as time, active gear, remaining range, trip distance, service interval and average speed and fuel consumption.

Attention to detail packaged in classic colors – optionally now also available with an individual paint finish.

As the founder of the BMW Motorrad Heritage world of experience, the R nineT made a striking impression from the outset with its exceptionally high standard of craftsmanship and its boutique manufacturing character. Nothing has changed in this regard in the new edition of the R nineT, so there are numerous details which fans will love: these include the 4.8 gallon aluminum fuel tank with elaborately brushed side surfaces, the aluminum trim panel featuring an embossed R nineT inscription which runs across the air intake duct on the right-hand side and the fork bridges with conically tapered screw bosses.

The latter – like the conically shaped mount for the steering damper and the footrest system – are aluminum forged parts with a blasted and subsequently clear anodized surface. The clamp for the double-butted aluminum tubular handlebars, also made of aluminum, bears the embossed BMW Motorrad inscription, and on the steering head the riveted type plate reminiscent of historical BMW motorcycles reflects the R nineT team's fond attention to detail.

While the R nineT previously conveyed its classic character in virtually perfect style with Black Storm metallic combined with silver and metallic contrasts, the new R nineT nonetheless manages to go one better in this regard: to match components such as the frame and engine housing, which are painted black as before, the Paralever swing arm and the housing of the rear-wheel drive are now also finished in black. This creates an even more authentic, classic appearance for the R nineT.

For the first time, two individual paint finishes with boutique manufacturing character are available for the R nineT as optional equipment items. In this way, BMW Motorrad has expanded the customizing range to include the area of paintwork for the first time. The special paint finish "Black Storm metallic / Vintage" makes every R nineT a unique

specimen. The boutique manufacturing character of the aluminum fuel tank in Black Storm metallic with hand-brushed side surfaces in clear gloss finish is reinforced with a yellow application bearing the start number “21”. The manually applied individual brushing gives this application a refined used look. The aluminum hump seat matching this special paint finish is included, and the passenger pad is supplied as standard.

The second special paint finish available for selection is the individual design “Blue Planet metallic / Aluminum”. This color variant is based on the hand-brushed and clear finished aluminum fuel tank with ground weld seam and the likewise hand-brushed aluminum hump seat. The center section of the fuel tank and hump seat are additionally finished in the color Blue Planet metallic with a golden surround. Correspondingly, the front fender also features a finish in Blue Planet metallic. This color scheme underscores the classic, refined character of the R nineT with a touch of fresh style. Here again, the passenger pad is supplied as standard.

The R nineT Urban G/S: echoing the original, classic enduro feeling of a bygone era.

BMW GS – a concept that has been an integral part of the motorcycling world for more than 35 years and has long come to be synonymous with a sense of freedom and the desire for adventure among both on-road and off-road fans on two wheels. The unparalleled career of BMW GS began in 1980 with the launch of the R 80 G/S. At the time it was not only the first large-series enduro with two cylinders, it also established itself as the first serial-production BMW with a single-sided rear swing arm, the so-called BMW Monolever, later leading to the development of the BMW Paralever. The hallmark features of the 50 hp founder of the universal category of travel enduro bikes included its technical conception as being suitable for off-road riding as well as its color scheme. White was drawn from the palette of BMW Motorsport colors at the time, while the seat was finished in a striking bright red.

The R nineT Urban G/S revives the traditional color concept of the first R 80 G/S.

A look at the R nineT Urban G/S reveals it to be the spitting image of its ancestor, and it reproduces the latter's color concept virtually without alteration. Just like more than 35 years ago, the fuel tank and the high-positioned front mudguard are finished in striking Light White non-metallic, with a matching headlamp mask whose styling is geared entirely towards the BMW G/S style of that era.

Like its role model, the R nineT Urban G/S features fuel tank decor in two tones of blue and a two-man seat in bright red – a color combination that interprets the BMW Motorsport colors of former years. This echoing of past times is supported by a frame finished in black. The light alloy cast wheels and drivetrain are likewise finished in black.

Slim, wiry and perfect for relaxed gliding along country roads or for light off-road excursions.

With its narrow front silhouette combined with the classic circular headlamp and the headlamp mask, the R nineT Urban G/S has a look of agility, dynamic performance and supreme riding on many terrain types. Its wiry appearance is further reinforced by the narrow 19-inch front wheel and the light impression of the rear section.

Harmoniously matching the headlamp mask, the instrument cluster consists of a speedometer designed as an analog circular instrument, indicator lamps and a two-line LCD screen which displays the most important information such as time and trip distance.

Harmoniously created, high-end details in the R nineT Urban G/S, too.

Like all models of the BMW Motorrad Heritage world of experience, the R nineT Urban G/S also benefits from harmoniously integrated and stylistically authentic details. Aluminum forged parts such as the fork bridges, the mount for the steering damper and the clamp for the double-butted aluminum tubular handlebars with embossed BMW Motorrad inscription convey a high degree of high-end quality, for example.

The dual-section front mudguard features another interesting detail solution. The front splash guard is mounted on the lower fork bridge and therefore high above the front wheel, thereby skilfully highlighting the classic BMW enduro style of the R nineT Urban G/S. The rear splash guard is mounted just above the front wheel and bolted to the slider tubes via a fork stabilizer.

Equipment Program

BMW optional equipment and Original BMW Motorrad Accessories for wide-ranging customization.

An extensive BMW Motorrad program is available to customize the R nineT and R nineT Urban G/S.

BMW optional extras are supplied directly as factory option integrated in the production process. Original BMW Accessories are installed by the BMW Motorrad dealer or by customers themselves. These are features which can be retrofitted, too.

BMW optional equipment.

- Cross-spoke wheels (R nineT Urban G/S only).
- Automatic Stability Control (ASC).
- Heated grips.
- Hand-brushed aluminum fuel tank with or without visible weld seam.
- Chrome-plated manifold (R nineT Urban G/S only).
- Alarm system.
- Exclusive to the R nineT:
 - Special paint finish Black Storm metallic / Vintage.
 - Special paint finish Blue Planet metallic / Aluminum.

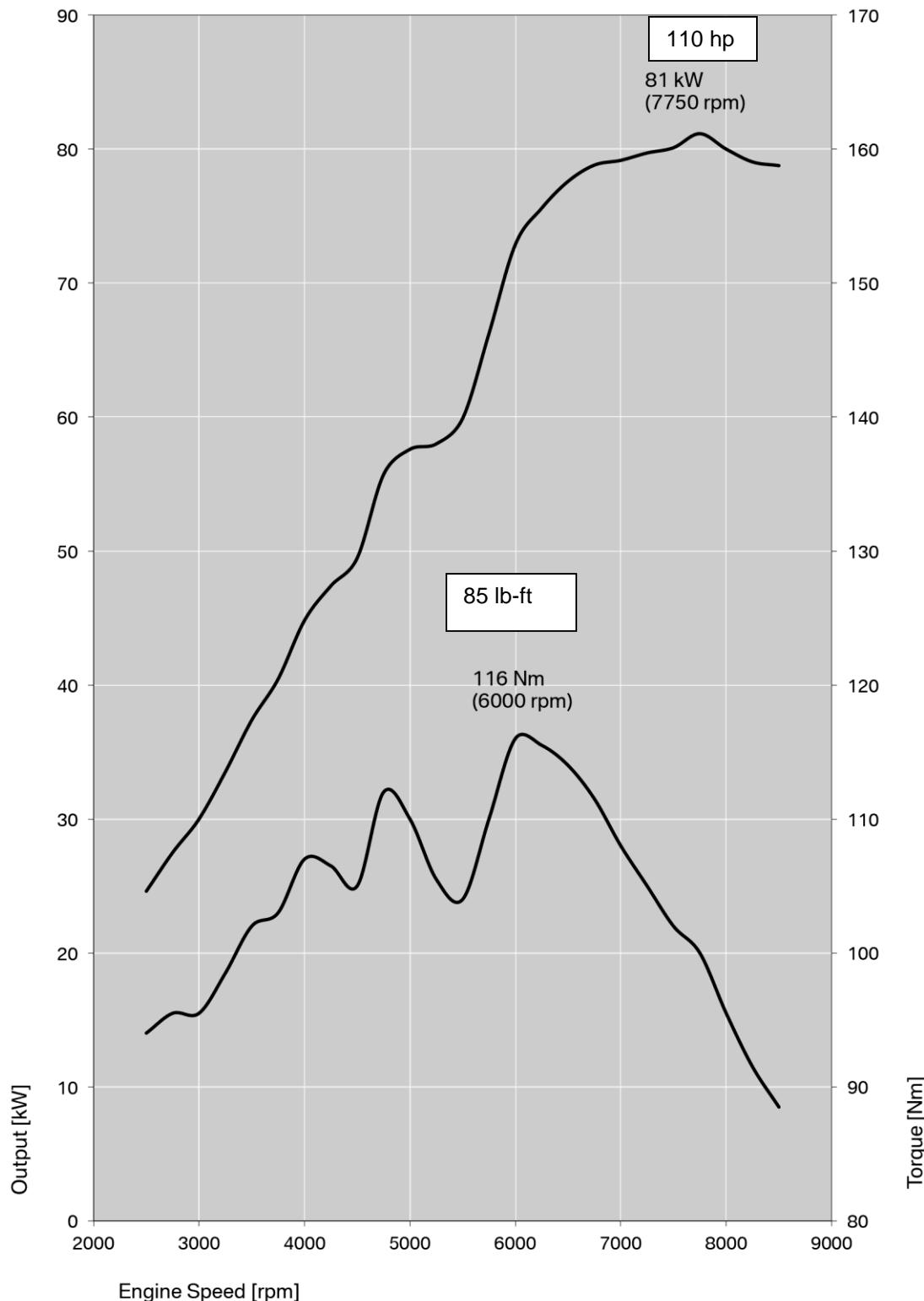
Original BMW Motorrad Accessories.

- Air filter housing cover right/left in hand-brushed aluminum.
- Radiator trim right/left in hand-brushed aluminum.
- Aluminum fuel tank, hand-brushed with or without visible weld seam.
- Knee pads for fuel tank side surfaces.
- Hump cover, aluminum or hand-brushed aluminum (R nineT only).
- Back pad for hump cover (cover fabric as for R nineT seat or Alcantara).
- Single seat, red or brown with luggage carrier (R nineT Urban G/S only).
- Seat, low (R nineT Urban G/S only).
- R nineT rider seat (R nineT Urban G/S only).
- Comfort passenger seat with grab straps.
- Custom rider seat.
- Aluminum handlebar end piece (R nineT Urban G/S only).
- Barrel-type instrument cluster, chrome matt.
- Protective guard for headlamp (not for use on public roads).
- Windshield in hand-brushed aluminum (R nineT only).
- Scrambler windshield (R nineT only).
- Ignition lock cover in Granite Grey.

- HP Carbon parts: ignition lock cover, intake snorkel cover, throttle body cover, front wheel cover (R nineT only), hump cover (R nineT only), belt cover, cylinder head covers.
- HP sports silencer.
- R nineT rear silencer (for the R nineT Urban G/S).
- Chrome-plated manifold (R nineT Urban G/S only).
- Cylinder head covers in 2V style.
- Cylinder head covers, black, silver or chrome-plated.
- Cylinder head covers, aluminum or plastic.
- Engine protection bars.
- Hand protector left/right (R nineT Urban G/S only).
- High-End steering damper (adjustable).
- Stub handlebars with fork clamp (R nineT only).
- Mechanically processed parts: footrest system (adjustable), passenger footrests, hand lever, belt cover, cylinder head covers, oil filler cap, swing-arm pivot mount cover, headlamp cover, handlebar end cover, rear axle cover, rear axle bearing cover.
- Tank bag and rear bag with attachment.
- Saddle bags on passenger seat.
- Alarm system.
- Classic emblem (R nineT Urban G/S only).

Engine output and torque.

The new BMW R nineT and R nineT Urban G/S.



Technical Specifications

BMW R nineT		
Engine		
Capacity	cc	1 170
Bore/stroke	mm	101/73
Output	kW/hp	81/110
at engine speed	rpm	7 750
Torque	Lb/ft	85
at engine speed	rpm	6 000
Type	Air/oil-cooled 2-cylinder boxer engine	
No. of cylinders	2	
Compression/fuel	12.0:1 / premium unleaded (95-98 RON)	
Valve/accelerator actuation	DOHC	
Valves per cylinder	4	
Ø intake/outlet	mm	39/33
Ø throttle valves	mm	50
Engine control	BMS-MP	
Emission control	Closed-loop 3-way catalytic converter	
Electrical system		
Alternator	W	720
Battery	V/Ah	12/14 maintenance-free
Headlight	W	60/55 H4
Starter	kW	1.2
Power transmission - gearbox		
Clutch	Hydraulically activated dry clutch	
Gearbox	Constant-mesh 6-speed gearbox	
Primary ratio	1.737	
Transmission ratios	2.375	
I		
II	1.696	
III	1.296	
IV	1.065	
V	0.939	
VI	0.848	
Rear wheel drive	Universal shaft	
Transmission ratio	2.91	
Suspension		
Frame construction type	Tubular space frame in steel, engine self-supporting	
Front wheel control	Upside down telescopic fork, Ø 46 mm	
Rear wheel control	BMW Paralever	
Total spring travel, front/rear	in	4.7/4.7
Wheel castor	in	4.2
Wheelbase	in	54.5
Steering head angle	°	63.2
Brakes	front	Hydraulically activated twin disc brake, Ø 12.6 in
	rear	Single-disc brake Ø 10.4 in
ABS	BMW Motorrad ABS	

BMW R nineT		
Wheels		Spoke wheel
	front	3.5 x 17"
	rear	5.5 x 17"
Tires	front	120/70 ZR 17
	rear	180/55 ZR 17
Dimensions and weights		
Total length	in	83.1
Total width with mirrors	in	35.5
Seat height	in	48.8
DIN unladen weight, road ready	lbs	489
Permitted total weight	lbs	948
Fuel tank capacity	g	4.8
Performance figures		
Fuel consumption (WMTC)	mpg	44
0-62 mph	s	3.5
Top speed	mph	125

Technical Specifications

BMW R nineT Urban G/S		
Engine		
Capacity	cc	1 170
Bore/stroke	mm	101/73
Output	kW/hp	81/110
at engine speed	rpm	7 750
Torque	Lb/ft	86
at engine speed	rpm	6 000
Type	Air/oil-cooled 2-cylinder boxer engine	
No. of cylinders	2	
Compression/fuel	12.0:1 / premium unleaded (95-98 RON)	
Valve/accelerator actuation	DOHC	
Valves per cylinder	4	
Ø intake/outlet	mm	39/33
Ø throttle valves	mm	50
Engine control	BMS-MP	
Emission control	Closed-loop 3-way catalytic converter	
Electrical system		
Alternator	W	720
Battery	V/Ah	12/14 maintenance-free
Headlight	W	60/55 H4
Starter	kW	1.2
Power transmission - gearbox		
Clutch	Hydraulically activated dry clutch	
Gearbox	Constant-mesh 6-speed gearbox	
Primary ratio	1.737	
Transmission ratios	2.375	
I		
II	1.696	
III	1.296	
IV	1.065	
V	0.939	
VI	0.848	
Rear wheel drive	Universal shaft	
Transmission ratio	2.91	
Suspension		
Frame construction type	Tubular space frame in steel, engine self-supporting	
Front wheel control	Telescopic fork, Ø 43 mm	
Rear wheel control	BMW Paralever	
Total spring travel, front/rear	in	4.9/5.5
Wheel castor	in	4.3
Wheelbase	in	60.1
Steering head angle	°	61.5
Brakes	front	Hydraulically activated twin disc brake, Ø 12.6 in
	rear	Single-disc brake Ø 10.4 in
ABS	BMW Motorrad ABS	

BMW R nineT Urban G/S		
Wheels		Aluminum cast wheel
	front	3.0 x 19"
	rear	4.5 x 17"
Tires	front	120/70 ZR 19
	rear	170/60 ZR 17
Dimensions and weights		
Total length	in	85.8
Total width with mirrors	in	34.2
Seat height	in	33.5
DIN unladen weight, road ready	lbs	485.65
Permitted total weight	lbs	848
Fuel tank capacity	g	4.5
Performance figures		
Fuel consumption (WMTC)	mpg	45
0-62 mph	s	3.6
Top speed	mph	125

BMW Group In America

BMW of North America, LLC has been present in the United States since 1975. Rolls-Royce Motor Cars NA, LLC began distributing vehicles in 2003. The BMW Group in the United States has grown to include marketing, sales, and financial service organizations for the BMW brand of motor vehicles, including motorcycles, the MINI brand, and the Rolls-Royce brand of Motor Cars; Designworks, a strategic design consultancy in California; a technology office in Silicon Valley and various other operations throughout the country. BMW Manufacturing Co., LLC in South Carolina is part of BMW Group's global manufacturing network and is the exclusive manufacturing plant for all X5 and X3 Sports Activity Vehicles and X6 and X4 Sports Activity Coupes. The BMW Group sales organization is represented in the U.S. through networks of 341 BMW passenger car and BMW Sports Activity Vehicle centers, 153 BMW motorcycle retailers, 126 MINI passenger car dealers, and 36 Rolls-Royce Motor Car dealers. BMW (US) Holding Corp., the BMW Group's sales headquarters for North America, is located in Woodcliff Lake, New Jersey.

Information about BMW Group products is available to consumers via the Internet at:
www.bmwgroupna.com

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