



ANTIQUE MOTORCYCLES - ACCESSORIES AND RELATED ITEMS

BMW 1965 R27 250 CC 1 CYL OHV



SOLD





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PRODUCT DESCRIPTION

Frame number 384411 Engine number 384411

The 247 cc BMW R27, introduced in 1960, was the last shaft-driven, single-cylinder motorcycle manufactured by BMW.

Based largely on the R26, in 1960 the R27 added rubber mounts for the engine and boosted power to 18 hp (13 kW).

The R27's 250 cc OHV vertical single was the only rubber-mounted thumper engine BMW ever produced, and was their last shaft drive single-cylinder motorcycle. The engine developed 18 hp (13 kW), the highest ever for a shaft-drive BMW single.

BMW manufactured 15,364 R27 models (engine numbers 372 001 – 387 566) over the production years of 1960 to 1966.

BMW did things differently from other manufacturers.

This is evident in the R27.

Its enclosed shaft final drive is rare for a single cylinder motorcycle.

But it also had a triangulated Earles front fork (named after English designer Ernest Earles); so the motorcycle had a front swingarm as well as a rear swingarm.

When you squeezed the front brake lever hard not only did the front end not dive, it actually rose slightly.

Thus, braking was a very steady activity, though the brakes were weak by today's standards.

The engines crankshaft was laid out fore-to-aft,

not side- to-side; also a rare feature. This way, the crank and the final shaft were in line, and drive forces did not have to be run through a set of 90-degree gears.

Also, the kick starter swung out sideways instead of parallel to the frame, so kick starting an R27 is a rather easy and danger-free affair.

This 1962 BMW R27 is a well running, older restoration.

Technical data

Engine Numbers 372 001 – 387 566

Design Single cylinder with driveshaft

Engine 4-stroke, 2 OHV

Transmission Four-speed, left foot

Model years 1960–1966

Number manufactured 15,364

Bore 68 mm (2.7 in)

Stroke 68 mm (2.7 in)

Capacity 247 cc

Power 18 hp (13 kW) @ 7400 rpm

Compression ratio 8.2:1



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Fuel efficiency 60.3 miles per US gallon (3.90 L/100 km; 72.4 mpg-imp) DIN 70030

Maximum speed 81 mph (130 km/h) / with side car 56 mph (90 km/h)

Wheelbase 54.3 in (1379.2 mm)

Curb weight 357 lb (162 kg)

GVWR 716 lb (325 kg) / with side car 1,058 lb (480 kg)

Tires front & rear 3.25 x 18

Battery 6 volt, 9 Ah.

Tank capacity 3.96 US gallon (15 liter)

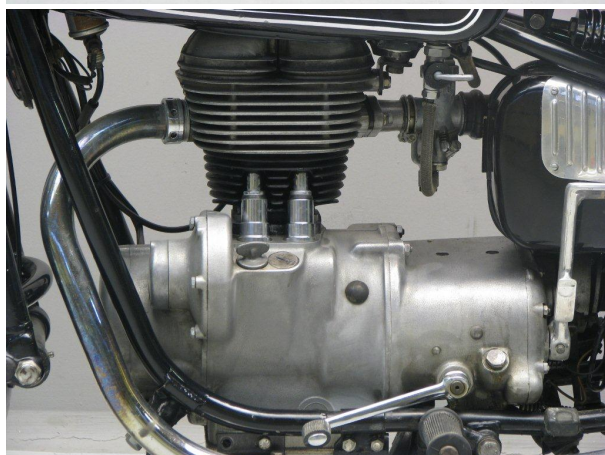
Engine oil capacity 2.6 US pint (1.2 liter)

Transmission capacity 650 cc

Rear drive capacity 125 cc



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