



# **BMW Motorcycles**

**R 90 S**

**R 90/6**

**R 75/6**

**R 60/6**



# The Performance



## BMW R90S

**Engine:** Max. output 75 hp (SAE) at 7200 rpm, max. torque 55.0 ft/lb (SAE) at 5500 rpm; bore 3.54" (90 mm); stroke 2.78" (70.6 mm); capacity 54.78 cu in (898 cc); compression ratio 9.5:1.38 mm Dell'Orto carburetors type PH M; fresh-air supply via Micronic air filter.

**Transmission:** 1st gear 4.40:1, 2nd gear 2.86:1, 3rd gear 2.07:1, 4th gear 1.67:1, 5th gear 1.50:1. Final drive ratio 3.00:1.

**Tires/wheels:** Front tire 3.25 H 19; rear tire 4.00 H 18.

**Brakes:** Front: Double disc brake with floating caliper; dia. 10.42" (260 mm). Rear: Single leading shoe rear brake. Finned alloy hub; dia. 7.87" (200 mm) width 1.18" (30 mm).

**Dimensions:** Length 85.8" (2180 mm), width 29.1" (740 mm), saddle height 32.3" (820 mm) with BMW cover, wheelbase (unladen) 57.7" (1465 mm).

**Weight:** 474 lbs (refer to DIN 70020 measurement) GVWR 881 lbs, GAWR front 396 lbs, rear 619 lbs.

**Electrical system:** 12-volt battery, alternator output 280 Watt three-phase current, 7.1" (180 mm) headlight lens dia. with H 4, 55/60 Watt-bulb starter 0.56 hp (DIN).

**Fuel tank capacity:** 6.4 US gals.

**Acceleration:** Standing 1/4 mile in 13.4 sec.

## BMW R90/6

**Engine:** Max. output 67.5 hp (SAE) at 6700 rpm, max. torque 52.8 ft/lb (SAE) at 5500 rpm; bore 3.54" (90 mm); stroke 2.78" (70.6 mm); capacity 54.78 cu in (898 cc); compression ratio 9.0:1.32 mm Bing constant velocity carburetors type V 64; fresh-air supply via Micronic air filter.

**Transmission:** 1st gear 4.40:1, 2nd gear 2.86:1, 3rd gear 2.07:1, 4th gear 1.67:1, 5th gear 1.50:1. Final drive ratio 3.09:1.

**Tires/wheels:** Front tire 3.25 H 19; rear tire 4.00 H 18.

**Brakes:** Front: Disc brake with floating caliper; dia. 10.24" (260 mm). Rear: Single leading shoe rear brake. Finned alloy hub; dia. 7.87" (200 mm); width 1.18" (30 mm).

**Dimensions:** Length 85.8" (2180 mm), width 29.1" (740 mm), saddle height 31.9" (810 mm), wheelbase (unladen) 57.7" (1465 mm).

**Weight:** 463 lbs (refer to DIN 70020 measurement) GVWR 881 lbs, GAWR front 396 lbs, rear 619 lbs.

**Electrical system:** 12-volt battery, alternator output 280 Watt three-phase current, dia. 7.1" (180 mm) headlight lens with H 4, 55/60 Watt-bulb starter 0.56 hp (DIN).

**Fuel tank capacity:** 4.8 US gals. Optional: 5.8 US gals.

**Acceleration:** Standing 1/4 mile in 14.0 sec.

# Force Machines



## BMW R75/6

**Engine:** Max. output 57 hp (SAE) at 6400 rpm, max. torque 43 ft/lb (SAE) at 5000 rpm; bore 3.2" (82 mm); stroke 2.78" (70.6 mm); capacity 45.4 cu in (745 cc); compression ratio 9.0:1. 32 mm Bing constant velocity carburetors type V 64, fresh-air supply via Micronic air filter.

**Transmission:** 1st gear 4.40:1, 2nd gear 2.86:1, 3rd gear 2.07:1, 4th gear 1.67:1, 5th gear 1.50:1. Final drive ratio 3.20:1.

**Tires/wheels:** Front tire 3.25 S 19; rear tire 4.00 S 18.

**Brakes:** Front: Disc brake with floating caliper; dia. 10.24" (260 mm). Rear: Single leading shoe rear brake. Finned alloy hub; dia. 7.87" (200 mm); width 1.18" (30 mm).

**Dimensions:** Length 85.8" (2180 mm), width 29.1" (740 mm), saddle height 31.9" (810 mm), wheelbase (unladen) 57.7" (1465 mm).

**Weight:** 463 lbs (refer to DIN 70020 measurement) GVWR 881 lbs, GAWR front 396 lbs, rear 619 lbs.

**Electrical system:** 12-volt battery, alternator output 280 Watt three-phase current, dia. 7.1" (180 mm) headlight lens with H 4, 55/60 Watt-bulb, starter 0.56 hp (DIN).

**Fuel tank capacity:** 4.8 US gals. Optional: 5.8 US gals.

**Acceleration:** Standing 1/4 mile in 15.1 sec.



## BMW R60/6

**Engine:** Max. output 46 hp (SAE) at 6600 rpm, max. torque 35.4 ft/lb (SAE) at 5000 rpm; bore 2.89" (73.5 mm); stroke 2.78" (70.6 mm); capacity 36.5 cu in (599 cc); compression ratio 9.2:1. 26 mm Bing slide carburetors type V 53; fresh-air supply via Micronic air filter.

**Transmission:** 1st gear 4.40:1, 2nd gear 2.86:1, 3rd gear 2.07:1, 4th gear 1.67:1, 5th gear 1.50:1. Final drive ratio 3.36:1.

**Tires/wheels:** Front tire 3.25 S 19; rear tire 4.00 S 18.

**Brakes:** Front: Double leading shoe front brake. Finned alloy hub; dia. 7.87" (200 mm); width 1.18" (30 mm). Rear: Single leading shoe rear brake. Finned alloy hub; dia. 7.87" (200 mm) width 1.18" (30 mm).

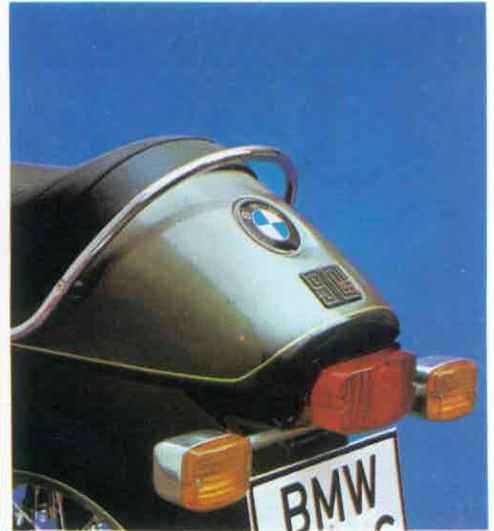
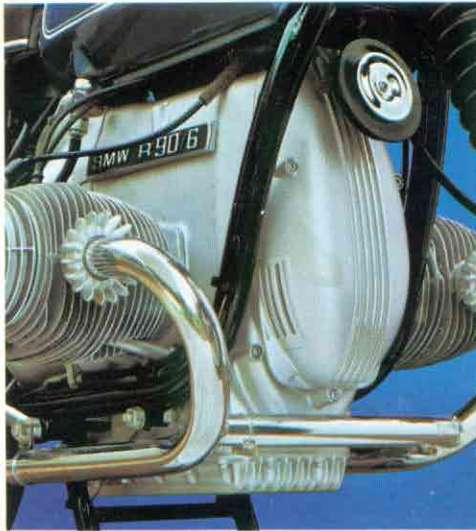
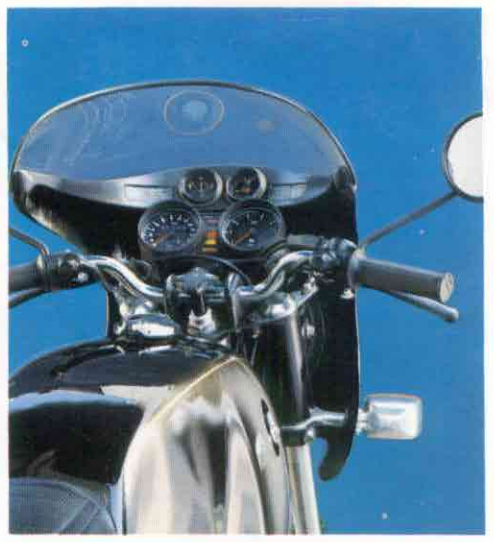
**Dimensions:** Length 85.8" (2180 mm), width 29.1" (740 mm), saddle height 31.9" (810 mm) wheelbase (unladen) 57.7" (1465 mm).

**Weight:** 463 lbs (refer to DIN 70020 measurement) GVWR 881 lbs, GAWR front 396 lbs, rear 619 lbs.

**Electrical system:** 12-volt battery, alternator output 280 Watt three-phase current, dia. 7.1" (180 mm) headlight lens with H 4, 55/60 Watt-bulb, starter 0.56 hp (DIN).

**Fuel tank capacity:** 4.8 US gals. Optional: 5.8 US gals.

**Acceleration:** Standing 1/4 mile in 15.9 sec.



Information and Price List on European Delivery Plan are available on request. Sole U. S. Importer: **Butler & Smith, Inc.**  
East: P. O. Box H, Norwood, New Jersey 07648. West: 135 East Stanley Street, Compton, California 90220  
Canada: **BMW Motorcycle Distributors**, 204 Yorkland Blvd., Willowdale, Toronto, Ontario



Bavarian Motor Works