

BMW R 32

BMW Group
Mobile Tradition



The Ultimate
Riding Machine

Engine	Begin of the Production	1923
	End of the Production	1926
	Internal Designation	M 2 B 33
	Motor Type	four-stroke two-cylinder flat-twin
	Bore	68 mm
	Stroke	68 mm
	Displacement	494 ccm
	Max Power	8,5 hp
	Rpm (Max Power)	3200 rpm
	Compression Ratio	5.0:1
	Valves	sv
	Carburetion System	1 x carburettor, type BMW Spezial 22 mm
Power transmission	Engine Lubricating System	forced-feed lubrication
	Oil Pump	gear pump
	Clutch	single-plate, dry
	Number of Gears	3
	Shifting	manual
	Gearbox Ratios	2.27/1.50/1.08
	Rear Wheel Ratio	1:4.41 (with sidecar 1:5.36)
Electrical system	Bevel/Crownwheel	17/75 teeth (with sidecar 14/75 teeth)
	Generator	magneto generator on request
	Ignition System	Bosch magneto ignition
	Spark Plugs	Bosch W 145
Chassis	Designation	R 32
	Frame	twin-loop tubular frame
	Front Wheel Suspension	twin cantilever spring
	Rear Wheel Suspension	rigid
	Wheel Rims	26 x 2.5
	Tyres front	26 x 3
	Tyres rear	26 x 3
	Brakes front	drum brake Ø 150 mm (not for 1st series)
	Brakes rear	block brake
	Dimensions and weights	Length
Width		800 mm
Height		950 mm
Wheel Base		1380 mm
Fuel Tank Capacity		14 l
Unladen Weight, Full Tank		122 kg (with original sidecar 184 kg)
Fuel Consumption		approx. 3 l/100 km
Oil Consumption		approx. 2,5 l/1000 km
Top Speed		95 - 100 kph
Numbers Produced		3.090
Price		2.200,- RM