



### 350 6 cilindri "Bialbero"

Designed in 1968. The refined engine featured an inline 6 cylinder layout with interesting technical solutions. Electronic ignition was also tested. However, new technical regulations banned 6 cylinder engines so it was tested on the bench and on track by Angelo Bergamonti and Giacomo Agostini. Testing was suspended in 1971.

Technical Specification (1971)

#### ENGINE

Cylinders / Cycle: 6 / 4 stroke  
Displacement: 348.8 cc  
Bore x stroke: 46 x 35 mm x 6  
Compression ratio: 11:1  
Power / rpm: 72 HP / 16,000  
Torque / rpm: NA  
Cooling: air  
Distribution: double overhead cam - 24 valves  
Carburettor: 18 mm carburettor x 6  
Ignition: distributor  
Lubrication: wet sump  
Starting: pushstart  
Primary drive: gear  
Clutch: wet multiple plate clutch  
Gearbox: 7 speeds  
Final drive: chain

#### CHASSIS

Frame: double cradle tubular steel  
Front suspension: mechanical telescopic fork  
Rear suspension: swingarm with hydraulic shocks  
Front brake: double 240 mm drum brake  
Rear brake: 230 mm drum brake  
Front tire: 3.00x18"  
Rear tire: 3.25x18"  
Wheels: spokes  
Tank: 18 litres  
Length: 1990 mm  
Width: 530 mm  
Wheelbase: 1360 mm  
Weight: 125 Kg



MV 350 sei cilindri - 1971