### ENGINE

**Type**
Four cylinder, 4 stroke, 16 valve

**Timing system**
OD.O.H.C/ radial valve

**Total displacement**
1078 cm³ (65.78 cu. in.)

**Compression ratio**
13:1

**Starting**
Electric

**Bore x stroke**
79 mm x 55 mm (3.1 in. x 2.2 in.)

**Max. horse power - r.p.m. (at the crankshaft)**
Full power version: 106 kW (144.2 HP) at 10600 / Restricted power version: 73 kW (100 HP) at 8000

**Max. torque - r.p.m.**
Full power version: 115 Nm (11.5 kgm) at 8000 r.p.m. / Restricted power version: 93 Nm (9.3 kgm) at 6000 r.p.m.

**Cooling system**
Cooling with separated liquid and oil radiators

**Engine management system**
Magneti Marelli 5SM ignition - injection integrated system with Mikuni throttle body; induction discharge electronic ignition; sequential timed Multipoint electronic injection

**Clutch**
Wet, multi - disc with mechanical anti-surging device

**Gear Box**
Cassette gearbox; six speed, constant mesh

**Primary drive**
50/79

**Gear ratio**

<table>
<thead>
<tr>
<th>Gear</th>
<th>Speed*</th>
<th>First gear: Speed*</th>
<th>Second gear: Speed*</th>
<th>Third gear: Speed*</th>
<th>Fourth gear: Speed*</th>
<th>Fifth gear: Speed*</th>
<th>Sixth gear: Speed*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>13/38</td>
<td>16/34</td>
<td>18/32</td>
<td>20/30</td>
<td>22/29</td>
<td>19/23</td>
</tr>
<tr>
<td></td>
<td></td>
<td>109.7 km/h (68.1 mph)</td>
<td>150.8 km/h (93.6 mph)</td>
<td>180.3 km/h (111.9 mph)</td>
<td>213.7 km/h (132.7 mph)</td>
<td>243.2 km/h (151.0 mph)</td>
<td>265.0 km/h (164.5 mph)</td>
</tr>
</tbody>
</table>

**Final velocity ratio**
15x11

### ELECTRICAL EQUIPMENT

**Voltage**
12 V

**Alternator**
350 W at 5000 r.p.m.

**Battery**
12 V – 8.6 Ah

### DIMENSIONS AND WEIGHT

**Wheelbase**
1438 mm (56.61 in.)

**Overall length**
2093 mm (82.36 in.)

**Overall width**
760 mm (29.92 in.)

**Saddle height**
630 mm (24.88 in.)

**Min. ground clearance**
150 mm (5.91 in.)

**Trail**
103.5 mm (4.07 in.)

**Dry weight**
190 Kg (418.9 lbs)

**Fuel tank capacity**
23 l (6.07 U.S. gal.)

### PERFORMANCE

**Maximum speed***
Full power version: 265.0 km/h (164.5 mph) / Restricted power version: 245.0 km/h (152 mph)

### FRAME

**Type**
CrMo Steel tubular trellis (TIG welded)

**Rear swing arm pivot plates: material**
Aluminium alloy

### FRONT SUSPENSION

**Type**
ÖLPSIDES DOWNÖleoscopic hydraulic fork with rebound-compression damping and spring preload external and separate adjustment

**Rod dia**
50 mm (1.97 in.)

**Travel on leg axis**
130 mm (5.11 in.)

### REAR SUSPENSION

**Type**
Progressive, single shock absorber with rebound and compression (High speed / Low speed) damping and spring preload adjustment

**Single sided swing arm: material**
Aluminium alloy

**Wheel travel**
120 mm (4.72 in.)

### BRAKE

**Front brake**
Double floating disc with 320 mm (12.6 in.) diameter, with steel braking band and aluminium flange

**Front brake caliper**
Radial-type, single-piece with 4 pistons - 34 mm (1.34 in.)

**Rear brake**
Single steel disc with 210 mm (8.27 in.) diameter

**Rear brake caliper**
With 4 pistons - 25.4 mm (1.00 in.)

### RIM

**Front/ Rear: Material / size**
Forged aluminium alloy 3.50 Ø 17 Ø

### TYRES

**Front**
120/70 - ZR 17 M/C (58 W)

**Rear**
190/55 - ZR 17 M/C (75 W)

### FAIRING

**Material**
Thermoplastic

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*M = Top speed attained on closed course.

MV Agusta is committed to the constant improvement of our products. Therefore the information and technical characteristics of the vehicles are subject to change without notice.

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