



# DRAGSTER ROSSO

## ENGINE

|   |  |
|---|--|
| Type                                      | Three cylinder, 4 stroke, 12 valve   |
| Timing system                             | "D.O.H.C" with mechanical chain tensioner and DLC tappet   |
| Total displacement                        | 798 cm <sup>3</sup> (48.68 cu. in.)  |
| Compression ratio                         | 12.3:1   |
| Starting                                  | Electric   |
| Bore x stroke                             | 79 mm x 54.3 mm (3.1 in. x 2.1 in.)  |
| Max. power - r.p.m. (at the crankshaft)** | 82 kW (112 hp) at 11.000 r.p.m   |
| Max. torque - r.p.m.                      | 85 Nm (8.67 kgm) at 8.500 r.p.m.   |
| Cooling system                            | Cooling with separated liquid and oil radiators  |
| Engine management system                  | Integrated ignition - injection system MVICS 2.1 (Motor & Vehicle Integrated Control System) with three injectors. Engine control unit Eldor Nemo 2.1, throttle body full ride by wire Mikuni, pencil-coil. Torque control with four maps. Traction Control with eight levels of intervention. |
| Electronic quick-shift                    | MV EAS 3.0 (Electronically Assisted Shift up & down)   |
| Clutch                                    | Multi-disk wet clutch with hydraulic actuation and back torque limiting device   |
| Transmission                              | Cassette style; six speed, constant mesh   |
| Primary drive                             | 22/41  |
| Gear ratio                                |  |
| First gear:                               | 13/37  |
| Second gear:                              | 16/35  |
| Third gear:                               | 18/32  |
| Fourth gear:                              | 20/30  |
| Fifth gear:                               | 22/29  |
| Sixth gear:                               | 21/25  |
| Final drive ratio                         | 16/41  |

## ELECTRICAL EQUIPMENT

|            |                       |
|------------|-----------------------|
| Voltage    | 12 V                  |
| Alternator | 350 W at 5.000 r.p.m. |
| Battery    | 12 V - 8.5 Ah         |

## DIMENSIONS AND WEIGHT

|                       |                         |
|-----------------------|-------------------------|
| Wheelbase             | 1.400 mm (55.12 in.)    |
| Overall length        | 2.035 mm (80.12 in.)    |
| Overall width         | 935 mm (36.81 in.)      |
| Saddle height         | 845 mm (33.27 in.)      |
| Min. ground clearance | 135 mm (5.31 in.)       |
| Trail                 | 103,5 mm (4.07 in.)     |
| Dry weight            | 175 kg (385.8 lbs.)     |
| Fuel tank capacity    | 16.5 l (4.36 U.S. gal.) |

## PERFORMANCE

|                |                        |
|----------------|------------------------|
| Maximum speed* | 237.0 km/h (147.2 mph) |
|----------------|------------------------|

## FRAME

|                                      |                           |
|--------------------------------------|---------------------------|
| Type                                 | ALS Steel tubular trellis |
| Rear swing arm pivot plates material | Aluminium alloy           |

## FRONT SUSPENSION

|             |  |
|-------------|--|
| Type        | Marzocchi "UPSIDE DOWN" telescopic hydraulic fork with rebound-compression damping and spring preload external and separate adjustment |
| Fork dia.   | 43 mm (1.69 in.)   |
| Fork travel | 125 mm (4.92 in.)  |

## REAR SUSPENSION

|                                 |   |
|---------------------------------|---|
| Type                            | Progressive Sachs, single shock absorber with rebound and compression damping and spring preload adjustment |
| Single sided swing arm material | Aluminium alloy   |
| Wheel travel                    | 130 mm (5.12 in.)   |

## BRAKES

|                     |  |
|---------------------|--|
| Front brake         | Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and flange |
| Front brake caliper | Brembo radial-type, with 4 pistons Ø 32 mm (Ø 1.26 in.)                                      |
| Rear brake          | Single steel disc with Ø 220 mm (Ø 8.66 in.) dia.  |
| Rear brake caliper  | Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.)   |
| ABS System          | Continental MK100 with RLM (Rear Wheel Lift-up Mitigation) and with cornering function       |

## WHEELS

|                      |                               |
|----------------------|-------------------------------|
| Front: Material/size | Aluminium alloy 3.50 " x 17 " |
| Rear: Material/size  | Aluminium alloy 6.00 " x 17 " |

## TYRES

|       |                           |
|-------|---------------------------|
| Front | 120/70 - ZR 17 M/C (58 W) |
| Rear  | 200/55 - ZR 17 M/C (78 W) |

## FAIRING

|          |               |
|----------|---------------|
| Material | Thermoplastic |
|----------|---------------|

## CONTENTS

|                    |   |
|--------------------|---|
| Exclusive contents | MV Ride App - GPS sensor - Bluetooth - Cruise control |
|--------------------|---|

## OPTIONAL

The full Special Parts range is available on the MV Agusta website

## EMISSIONS

|                           |              |
|---------------------------|--------------|
| Environmental Standard    | Euro 5       |
| Combined fuel consumption | 5.1 l/100 km |
| CO <sub>2</sub> Emissions | 117 g/km     |



MATT AGO RED



\* Top speed attained on closed course.  
 \*\* Limited power versions (35 KW) available on demand only for european market.  
 Every country could have a price variation due to local import duties and taxes.

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