



# DRAGSTER 800 RR



NIGHT GREY/SOLAR BEAM/METALLIC CARBON BLACK



ICE PEARL WHITE/NEON GREEN/METALLIC CARBON BLACK



\* Top speed attained on closed course. Every country could have a price variation due to local import duties and taxes.

MY 2020 - 01/11/2019

## ENGINE

Type Three cylinder, 4 stroke, 12 valve  
 Timing system "D.O.H.C" with mechanical chain tensioner  
 Total displacement 798 cm<sup>3</sup> (48.68 cu. in.)  
 Compression ratio 13.3:1  
 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) 103 kW (140 hp) at 12.300 r.p.m.  
 Max. torque - r.p.m. 87 Nm (8.87 kgm) at 10.100 r.p.m.  
 Cooling system Cooling with separated liquid and oil radiators.

Engine management system

Integrated ignition - injection system MVICS 2.0 (Motor & Vehicle Integrated Control System) with six injectors. Engine control unit Eldor EM2.0, throttle body full ride by wire Mikuni, pencil-coil with ion-sensing technology, control of detonation and misfire.  
 Torque control with four maps, Traction Control with eight levels of intervention with lean angle sensor

Electronic quick-shift

MV EAS 2.1 (Electronically Assisted Shift up & down)

Clutch

Multi-disk wet clutch with hydraulic actuation and back torque limiting device

Transmission mesh

Cassette style; six speed, constant

Primary drive gear ratio

22/41

First gear:

13/37

Second gear:

16/34

Third gear:

18/32

Fourth gear:

19/30

Fifth gear:

21/30

Sixth gear:

22/29

Final drive ratio

16/41

## ELECTRICAL EQUIPMENT

Voltage 12 V  
 Alternator 350 W at 5000 r.p.m.  
 Battery 12 V - 8.5 Ah

## DIMENSIONS AND WEIGHT

Wheelbase 1400 mm (55.12 in.)  
 Overall length 2035 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 168 kg (370.38 lbs.)  
 Fuel tank capacity 16.5 l (4.36 U.S. gal.)

## PERFORMANCE

Maximum speed\*

244.0 km/h (151.6 mph)

## FRAME

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

## FRONT SUSPENSION

Type Marzocchi "UPSIDE DOWN" telescopic hydraulic fork in DLC treated aluminium, with anodized fork legs and having 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  
 Aluminium alloy  
 124 mm (4.88 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 Bosch 9 Plus with RLM (Rear wheel Lift-up Mitigation)

## WHEELS

Front: Material/size With aluminium alloy spokes 3.50" x 17"  
 Rear: Material/size With aluminium alloy spokes 6.00" x 17"

## TYRES

Front 120/70 - ZR 17 M/C (58 W)  
 Rear 200/50 - ZR 17 M/C (75 W)

## FAIRING

Material Thermoplastic

## CONTENTS

Steering damper Manually adjustable with 8 settings  
 Immobilizer

## EMISSIONS

Environmental Standard Euro 4  
 Combined fuel consumption 6.7 l/100 km  
 CO<sub>2</sub> Emissions 163 g/km

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