

A rider in a black leather suit and helmet is performing a wheelie on a silver and red Aprilia Dorsoduro 750 motorcycle. The background is a dark industrial setting with smoke rising from the ground. The Aprilia logo is in the top right, and the model name is below it. A large slogan is on the right side.

aprilia

DORSODURO
750

DORSODURO
750 FACTORY

**PLAY
HARD
RIDE
HARDER**

DORSODURO

PLAY HARD

Ride straight out of your garage and onto the street to experience the pure exhilaration of a true Motard that makes no compromise in terms of technology, responsiveness and performance: DORSODURO 750. A fantastic plaything for your free time that turns your dreams into reality with its undiluted essentiality. Incredibly agile, fun and nimble, with class beating low end torque and a chassis that is a masterpiece of lightness and stiffness. Ride it with all of your body, enjoy it with your entire soul: with DORSODURO 750, you can afford to play hard!



RIDE HARDER

After a busy day of challenges and stress, the moment finally comes when you can truly enjoy yourself in the saddle of a bike that is totally exclusive, prestigious and reserved for expert riders like you: DORSODURO 750 FACTORY. Unleash your desire for pure adrenaline, extreme performance and true exhilaration. Express your fearlessness, healthy egotism and superior riding skills. Revel in the sophistication of fully adjustable suspension, carbon fibre componentry, Brembo brakes and all the other details that make the pleasure of riding this bike and its purity all the more addictive. DORSODURO 750 FACTORY: for you only, only from Aprilia!

DORSODURO
FACTORY





HI-TECH PERFORMANCE

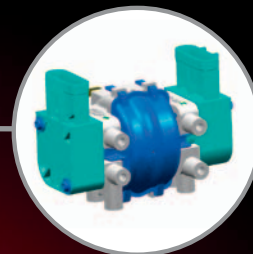
Designed and developed by Aprilia, the twin cylinder engine powering the DORSODURO 750 and DORSODURO 750 FACTORY has the ideal engine capacity to offer the perfect mix of rideability, flexibility and exhilaration. With a maximum power of 92 HP and a specific torque output without par in its class, this engine unleashes incredible urge at the slightest twist of the throttle grip, for breathtakingly instantaneous responsiveness. Longitudinal 90°V architecture, liquid cooled, double overhead camshafts with mixed gear/chain valve timing and four valves per cylinder: a powerplant conceived in every single detail for enhanced performance and enjoyment.

RIDE-BY-WIRE ADVANCED ELECTRONICS

The engine powering the DORSODURO 750 and DORSODURO 750 FACTORY features a latest generation Ride-by-Wire system that ensures optimum torque delivery at any given time: whether during relaxed riding, such as in city traffic, or when you decide to twist the throttle wide open.

Unlike conventional systems, the Ride-by-Wire system manages air flow, fuel flow and ignition simultaneously. Torque delivery is optimised in relation to the gear selected, engine speed, throttle aperture rate and atmospheric air temperature and pressure. Essentially, the Ride-by-Wire system manages engine torque in real time, allowing the rider to make full use of the performance available: as an added advantage, the system also optimises exhaust and noise emissions.

RIDE-BY-WIRE



HYDRAULIC CLUTCH

Just one of the many cutting edge technological solutions used on the bike: the hydraulic clutch ensures precise and perfectly smooth release. The clutch is also self-adjusting, meaning that it needs no maintenance.

TRI-MAP: THREE DIFFERENT MAPS AT THE TOUCH OF A BUTTON

Simply close the throttle and push the starter button with your thumb - even while on the move - to select between the three different engine maps available:

- SPORT:** a direct link to the throttle, for when you demand the most responsive, vigorous performance possible;
- TOURING:** for relaxed riding in traffic;
- RAIN:** for poor grip and wet road conditions.

Then simply twist open the throttle and dose the power exactly as you need: getting the best possible performance and fun out of a bike has never been so simple.



TRI-MAP

MATRIX INSTRUMENT PANEL

A fully fledged on board computer controllable by the rider directly from the handlebar, with a display visualising all the engine parameters received over the CAN line and the contents of the self diagnosis memory. The LED illumination - with white for the analogue area and red for the digital area - has three different brightness settings for optimum visibility in all light conditions.

TRI-MAP BUTTON



HANDLING EXCELLENCE

Not a bike for everyone, but a Motard created for the expert rider who wants to explore new horizons in terms of technology and fun. Its greatest strength is its chassis: a product of Aprilia's unparalleled experience in this category, the chassis has been designed for extraordinary agility, allowing the rider to control the bike with the entire body.



WAVE DISCS AND RADIAL CALLIPERS

Derived directly from racing, the dual 320 mm front and single 240 mm rear wave discs and 4-piston radial callipers give the DORSODURO 750 outstanding braking power in all conditions and situations. The brake system uses steel braid hosing even better braking modulability and feedback.

SPECIFIC VERSION WITH CONTINENTAL 2-CHANNEL ABS

Aprilia has developed a specific ABS system for the DORSODURO 750 and DORSODURO 750 FACTORY in collaboration with Continental. This is an innovative two channel system that manages the front and rear brakes independently with a sophisticated electronic control unit monitoring the wheel speed in real time and specific calibration for "fun" use. This means that the rider can exploit the full power of the system and grip of the tyres with confidence in all conditions: even the most extreme.

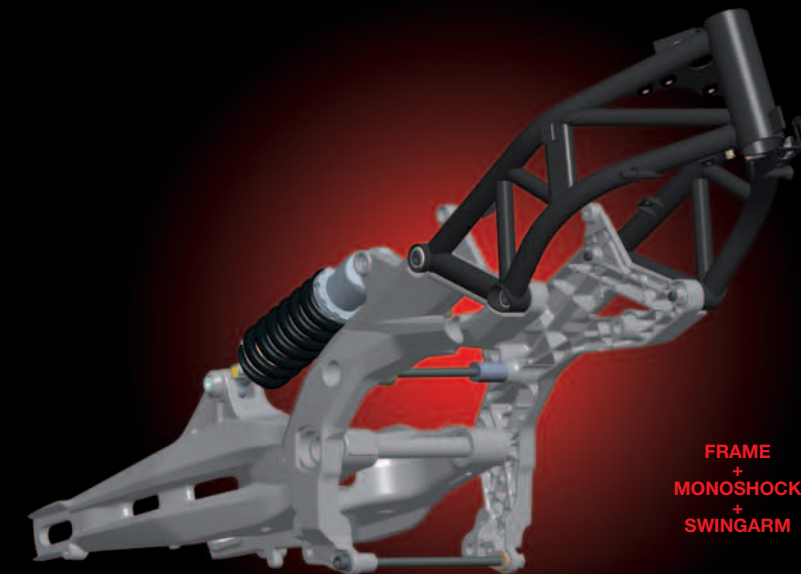


FRAME AND SUSPENSION

Developed and tested by Aprilia's engineers, the frame of the DORSODURO 750 and DORSODURO 750 FACTORY is a sculpture in aluminium and steel derived from racing technology. The narrow trellis is designed specifically to complement the typical Motard riding style, with the bike gripped firmly between the legs, ensuring superior agility, precision and effectiveness.

The lateral frame plates and shell mould cast swingarm are made from aluminium: a material that not only offers maximum lightness, but is visually stunning in its own right and adds a premium touch to the bike. The swingarm is linked to a laterally mounted monoshock: this allowed the exhaust to be located under the saddle, benefiting both the design and the balance of the bike as well as affording easier access for adjustments.

The upside down front fork of the DORSODURO 750, with adjustable hydraulic damping, and the adjustable laterally mounted rear monoshock allow the user to set the bike up for perfect suspension response in any situation.



FRAME
+
MONOSHOCK
+
SWINGARM



DORSODURO
FACTORY

EXCLUSIVE FEATURES

Boasting exclusive componentry and radical styling, the DORSODURO 750 FACTORY has been created to satisfy even the most exacting perfectionist. The upper carbon fibre structure perfectly complements the innovative composite two-tone frame. The engine, exposed in its full glory, conveys a sense of technological beauty and aggressiveness. Sleek, pure lines with no concession to the superfluous or commonplace. Like nothing else on earth and with an appeal all its own: just like you.

BREMBO BRAKES

The best braking technology available today has been adopted on the DORSODURO 750 FACTORY. The front brakes use new 4-piston Brembo radial callipers which ensure shorter stopping distances and offer enhanced brake force modulability, while visually adding an even sportier touch to the performance-focused style of the bike. The 320 mm front disc and 240 mm rear disc are both wave units. Both the front and rear brake systems use metal braid hosing for maximum braking precision. Class beating performance in true Factory style.

FULLY ADJUSTABLE SUSPENSION

The Sachs 43 mm upside down fork with shell-cast brackets to support the radial callipers features adjustable spring preload and hydraulic brake rebound damping. In addition to offering endless scope for adjustment, this unit also offers class beating smoothness and a generous extension (160 mm) in keeping with the Motard philosophy. The new laterally mounted gas shock absorber has a separate reservoir, is pivoted directly onto the swingarm in a cantilever layout and features adjustable spring preload and hydraulic compression and rebound damping. This solution lets expert riders exploit the full potential of the bike's performance, even when venturing beyond the limit.

EXCLUSIVE SADDLE

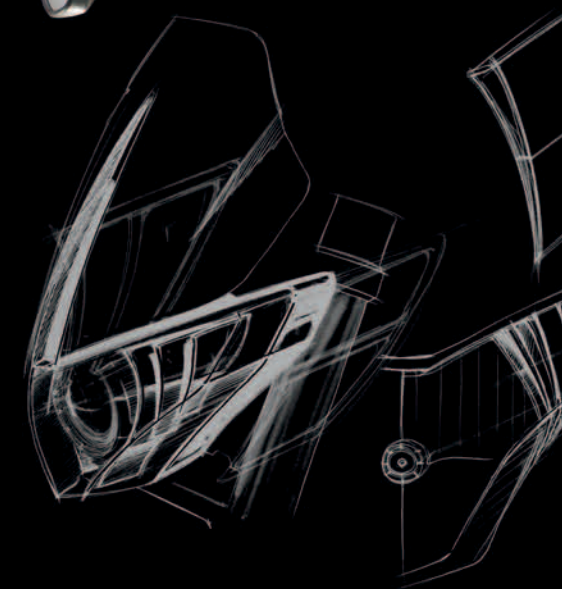
The saddle of the DORSODURO 750 FACTORY allows complete freedom of movement, for rapidly shifting the body forward or backward and dominating the bike in any situation. Designed specifically for this version, the saddle features bold red stitching underscoring the bike's aggressive racing spirit.

CARBON FIBRE TOP STRUCTURE

True to Aprilia tradition, the DORSODURO 750 FACTORY makes extensive use of carbon fibre, which has been used for both air ducts, the front mudguard and the ignition key block fairing. This is a choice that further accentuates the sophistication, sporting DNA and exclusivity of the bike.

SPECIAL GRAPHICS

The personalised finish touches even extend to the chassis: with the red trellis structure and black lateral plates emphasising the sportiness and aggressiveness of the bike, in keeping with the black silencer shields.





Make your DORSODURO 750 or DORSODURO 750 FACTORY even more fun, more exclusive and more distinctly yours with original Aprilia accessories: to cater for every possible need and riding style.

Choose from the range of **performance** enhancing accessories and experience new levels of sports riding in safety with the Aprilia by Arrow exhaust system in titanium (Euro3 compliant), the fully adjustable shock absorber, fall guards and the clutch housing cover. Accentuate your bike's racing character with billet components such as brake and clutch levers, brake and clutch fluid caps and license plate mount and a range of accessories in carbon fibre.

Enhance the versatility and style of your bike with the range of comfort accessories: such as the saddle with gel inserts, rubber covers for the rider footpegs, passenger grab handles and road legal mirrors. Choose the functionality of a wide choice of bags, backpacks and luggage cases designed to cater for every possible load and travel need. A new bike cover is now available for storing your bike in the garage, featuring the Dorsoduro logo and tailor made for this model. DORSODURO 750 or DORSODURO FACTORY 750: the fun goes on! Hurry to discover the range of Aprilia accessories, on www.accessories.aprilia.com



Engine	Aprilia V90 four stroke longitudinal 90° V twin. Liquid cooling. Double overhead camshaft with mixed gear/chain drive; four valves per cylinder. Ride-by-Wire System
Fuel	Unleaded petrol.
Bore x stroke	92 x 56,4 mm
Total displacement	749,9 cc
Compression ratio	11:1
Maximum power at the crank	67.3 kW (92 HP) at 8750 rpm.
Maximum torque at the crank	8.4 kgm (82 Nm) at 4500 rpm.
Fuel system	Integrated engine management system. Electronic fuel injection with tri-map ride-by-wire electronic throttle control.
Ignition	Digital electronic, integrated in the fuel injection system.
Starting	Electric.
Exhaust	Two in one system in 100% stainless steel with three-way catalytic converter and Lambda probe.
Alternator	450 W at 6000 rpm.
Lubrication	Wet sump.
Gearbox	Six speed. Transmission ratios: 1 st 14/36 (2.57), 2 nd 17/32 (1.88), 3 rd 20/30 (1.5) 4 th 22/28 (1.27), 5 th 23/26 (1.13), 6 th 24/25 (1.04)
Clutch	Hydraulically operated multi-plate wet clutch.
Primary drive	Spur gears. Transmission ratio 38/71 (1.87).
Final drive	Chain. Transmission ratio 16/46.

Frame	Modular steel trellis secured to aluminium side plates by high strength bolts. Detachable rear frame.
Front suspension	43 mm upside-down fork. 160 mm wheel travel. Factory: 43 mm Sachs upside-down fork, full adjustable.
Rear suspension	Aluminium alloy swingarm. Hydraulic shock absorber adjustable in spring preload and rebound damping. Wheel travel: 155 mm. Factory: full adjustable hydraulic Sachs shock absorber with piggy back.
Brakes	Front: four-piston radial calipers. Factory: Brembo four-piston radial callipers. Rear: Stainless steel disc (Ø 240 mm) with single piston caliper.
Wheels	Aluminium alloy. Front: 3.50 x 17". Rear: 6.00 x 17".
Tyres	Radial tubeless. Front: 120/70 ZR 17. Rear: 180/55 ZR 17.
Dimensions	Overall length: 2,216 mm Overall width: 905 mm (at handlebars) Overall height: 1,185 mm (at instruments) Seat height: 870 mm Wheelbase: 1,505 mm Trail: 108 mm Rake angle: 26°
Kerb weight*	186 kg Factory: 185 kg.
Tank capacity	12 litres (autonomy > 200 km) *Dry weight, without battery and fluids.



DORSODURO 750 end DORSODURO 750 FACTORY are environmentally friendly vehicles compliant with Euro 3 regulations for exhaust and noise emissions.

Drive safely always wearing a helmet and protective clothing. Observe the laws of the road and respect the environment. Carefully read the owners' handbook. Photographs, technical data, specifications and colours shown in this brochure refer to the Italian market version and may be subject to change without prior notice. Ask your official Aprilia dealers for full details. In order to maintain your machine in a safe and efficient manner, always demand official Aprilia Spare Parts, which are guaranteed by Aprilia Quality Service in respect of current legislation. E & O E. Aprilia offers Aprilia Road Assistance, a call centre available 24 hours a day for information and road rescue. E. & O.E. Aprilia reserves the right to change colour/specification without prior notice.

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750

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