



**PETROLVALVES GROUP**  
enabling your energy flow

**BRAVA**

Boltless Reliable Advanced Valve

**STANDARD DESIGN**

**OPTIMISED DESIGN**

**P**etrolValves Group will attend ADIPEC - Abu Dhabi Petroleum Exhibition next 15-18 November 2021, with a presence focused on official presentation to the public of some outstanding, appealing innovations the Company has worked on over the past years.

The leading protagonist of the fair will be BRAVA, a new concept of valve that represents the next step in innovation in the industry in a sustainable way, to anticipate market and customer needs in terms of simplification, weight reduction, shorter delivery times, easy assembly and on-site installation, service asset lifecycle improvement and a regional touch that guarantees higher speed in execution.

In particular, BRAVA (Boltless Reliable Advanced Valve) is based on the idea that a valve can be effective without bolts and nuts, simplifying the overall architecture, without compromising the valve performances. In place of bolting, in fact, is a compressor seal joint, a swap which

reduces the valve dimensions, decreases its weight by 25%, cuts costs by 20% (approximately US\$1m for a typical FPSO project) and reduces assembly time by 30%, compared to conventional products. The important progress made by simplifying the design makes the valve installation and maintenance faster and easier, minimising the execution risks. Furthermore, the CO2-footprint is considerably reduced, mainly because BRAVA requires less material and processing. It is also important to note that BRAVA is based on tested, well proven, and reliable technologies employed in other industries since decades and has been designed for an easy/seamless integration into existing process configurations.

The innovative concept of BRAVA valve is entirely focused on the total cost optimization through the adoption of sustainable, emission-cutting, time-reducing technologies. Likewise, PetrolValves at ADIPEC - Abu Dhabi Petroleum Exhibition will present another important milestone service offered: VALVE NEW LIFE, a trailblazing revitalization program to give new life to products at the end of their life cycle.

This game changer service to refurbish and upgrade existing valves allows to reduce costs up to 40% and improve replacement lead-time reducing it to zero. Thanks to its know-how, PetrolValves is currently the only company in the sector that manages to offer a service that is much more than repair/replacement. In fact, with this innovative solution, different from current industry paradigms and with a totally new approach, it is possible to revitalize any valve considered at its end of life. Customer's valves that are not anymore in use can benefit from a complete reengineering refurbishing being revitalized, generating a sustainable Total Cost of Ownership with a predictable cost and stock availability. In addition to that, the customers take advantage of a new product that nevertheless possesses known characteristics and therefore do not have to revise the projects in which the "reborn" valve will be used.

PetrolValves has proactively defined its strategy based on the adoption of sustainable, time and cost reducing technologies to ensure oil and gas operations of its partners continue to deliver value and work, producing effective and efficient alternatives to previously industry-standard products. BRAVA and VALVE NEW LIFE are perfect examples of this strategy.

**Visit PetrolValves Group in-person at ADIPEC in Hall 2, stand #2350 and learn more browsing the website [www.petrolvalves.com](http://www.petrolvalves.com)**