

Valve World

PRODUCT NEWS

AS-Schneider launches new metal-seated ball valve

AS-Schneider is entering the metal-seated ball valve arena with the new KM Series. The ball valve has zero leakage even under extreme operating conditions with respect to working pressure and temperature. The AS-Schneider KM Series meets the toughest endurance and tightness requirements. In parallel with the TA-Luft approval, the KM Series has also been subjected to type testing for fire safety in compliance with DIN EN ISO 10497 and API 607. This has been tested and certified by TÜV Süd. It can withstand high pressures of 420 Bar (ASME Class 2,500) and a temperature spectrum from -29°C to 450°C — even under extreme or very special conditions. With a double sealing system and the integral lantern ring, even the smallest leaks can be detected quickly, and leaks to atmosphere are nearly impossible. All the valve parts, including the non-wetted parts, are made of 316 stainless steel for operation in corrosive environments. The seat and ball surfaces coated with Hardalloy and carbide compounds and the double sealing system



in the fugitive emission bonnet consists of premium-quality graphite sealing rings. The "Dissolution" Ball Valve Design and novel axial bearing washer integrated into the stem provides smooth operation even at high working pressures.

High-pressure solenoid valve for CNG dispensing

ASCO Numatics has introduced the ASCO 291 Series of high-pressure solenoid valves for compressed natural gas (CNG) dispensing applications in North America. "The Series 291 valve is specifically designed for CNG dispensing equipment in North America. Few valves on the market have the high flow and pressure ratings, plus the low power consumption, that are critical to design engineers at CNG station packagers and dispensing manufacturers", said Robert W. Kemple, Jr., executive vice president, sales and marketing - Americas, ASCO Numatics. Solenoid valves play a key role controlling CNG flow in dispensing equipment. The rugged construction and unique internal design of the 291 Series are tailored to meet the industry's unique requirements for solenoid valves. It safely withstands pressures of over 5,000 psi, provides superior flow rates and consumes only 12 watts of power. "Dispensing equipment manufacturers will benefit from our CNG valve line's small size, great fit, and low power consumption, plus the high quality that only ASCO can provide", said Kemple. "Station packagers will value our high flow rate that permits faster vehicle fuelling and exceptional reliability that reduces maintenance and down time." The 291 Series valves are offered in three pipe sizes — 3/8 inch, 1/2 inch, and 1 inch — plus three-station and six-station manifold versions. The ASCO 291 Series CNG valves can be ordered from ASCO distributors or directly from the company in the U.S., Canada and Mexico.

Philmac Ball Valve clears new Australian standards

Philmac's iconic ball valve is the first product of its kind to receive the Standards Mark certification against the newly released AS 5830.2-2012 Australian standard for line ball valves used in plumbing water supply systems. The standard sets the performance requirements for the valve range, including material and component compliance, while ensuring the product is strong enough to last the test of time. Philmac General

Manager Marketing & Development, Jason Mitchell, said that the Philmac Ball Valve is the only poly ball valve to be certified in the country. "We have long known that the Philmac Ball Valve is the strongest on the market — and now we've got the certification to prove it," he said. "The certification means the Ball Valve has been put through rigorous physical testing so we can ensure the product will continue to meet the long term performance expectations of end users." Philmac Ball Valves are suitable for use above or below ground in irrigation and water distribution lines. They are easy to operate, compact and provide a simple on and off control while functioning across a wide range of pressures up to 1600kPa. Made in Australia and designed to withstand the harsh Australian conditions, Philmac's blue handled ball valves are made from advanced materials to ensure resistance to impact, UV and corrosion. "Testament to the product's durability and reliability is its on-going profile as one of our best sellers — and we expect the certification to ensure it remains this way for years to come", Mitchell said.

Val-Matic Hydraulic Control Panels

Val-Matic hydraulic control panels use high quality component and are designed to reliably operate the pump control ball valve with water or oil supply. Unlike a motor-operated control valve, the control panel allows field adjustment of the valve operating times so that the valve can be set to match the surge characteristics of the piping system. The controls are panel mounted and pre-wired to a terminal strip in a NEMA 4X junction box for easy installation. An optional NEMA 4X enclosure is available to secure and protect the equipment in the harshest of environments.

