

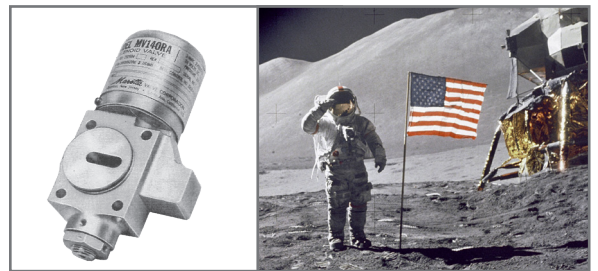


Marotta Controls Launches CoRe Flow Controls Series

Montville, NJ July 10, 2018 — Marotta Controls announces its newest product line, CoRe Flow Controls; a series of commercially available, high-performance solenoid valves for today’s NewSpace generation of reusable launch vehicles.

For over 60 years, Marotta has designed, developed and produced mission-critical control valves for some of the most significant milestones in space history, including landing on the moon in 1969. Marotta’s flight-qualified components and proven performance in space technologies have earned the company a global reputation as a leading supplier of fluid control solutions for launch platforms and spacecraft.

In recent years, Marotta has evolved its legacy control systems adapting to the significant shift of the space industry from predominately government-controlled to an open, commercial market now driven by some of the most high-profile entrepreneurs and substantial private investments. Marotta’s CoRe Flow Controls, derivatives of its flight-qualified solenoid valves, offer NewSpace companies the accessibility to reliable, reusable control solutions as the industry pursues more affordable access to space.



A legacy version of a Marotta MV140 solenoid played a critical role in the lunar ascent module on the Apollo 11



CoRe Flow Controls Series (L-R): MV524LT, MV130HLT, MV74LT, MV74HLT, PLV34LT, MV100HLT

CoRe Flow Controls’ high-quality and proven performance enable system designers to quickly move through the development phase with minimal risk while the series’ versatility allows CoRe to be integrated into a wide-variety of critical applications including pressurization systems, stage separation and engine controls.

“Marotta recognized the transformation of the space industry as an opportunity to leverage our extensive experience in space technologies to evolve our qualified solenoid valves for the new requirements of commercial space”, stated Bryan Reid, senior director of space markets. “Our CoRe Flow Controls not only offer significant, immediate cost benefits but support the reusability strategy of today’s platforms with their robust designs.”

The series consists of six of Marotta’s most versatile solenoid valves, designed around common components with operating pressures up to 6,000 psi (41 MPa). The standardized, high volume production approach enables Marotta to offer lower-cost components with shorter-lead times providing its commercial space customers with a key strategic advantage.

Marotta’s CoRe Flow Controls offer the perfect balance between performance and affordability and allow today’s system designers to leverage Marotta’s legacy technology for the future generation of space transportation and exploration.

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