



## News Release

# Flowserve Expands Range of Permanent Magnet Submersible Motors

02/03/16

*New Pleuger<sup>®</sup> PMM8 Motor Delivers More Power, Less Energy Cost*

DALLAS, Feb. 3, 2016 - [Flowserve Corporation](#) (NYSE: FLS), a leading provider of flow control products and services for the global infrastructure markets, announced today it has introduced the Flowserve Pleuger PMM8, a new submersible electric motor that utilizes permanent magnet technology.

Based on the reliable Pleuger three-phase, AC, squirrel-cage induction motor, the PMM8 has proven advantages over asynchronous designs, including higher efficiency at full and partial loads, lower thermal losses and a robust, large air gap configuration. The result is a motor that can reduce energy costs by up to 10 percent and boost power output by over 100 percent, while extending the overall life of the motor.

The PMM8 motor technology has demonstrated over 93 percent efficiency, one of the most efficient eight-inch submersible motors on the market. Operated in conjunction with variable frequency drives, the PMM8 runs at synchronous speed with no rotor losses, which allows the pump to run at best efficiency point under variable flow conditions. Since the new PMM8 is available in the same diameter size as competitor units, customers will often be able to reduce their energy costs by upgrading to the Flowserve motor. Because of the high power output, in many cases the 8-inch PMM8 design can be substituted for conventional 10-inch asynchronous motors. Customers who have installed the PMM technology at their sites are very satisfied with the economic performance. Flowserve is one of the few companies which have both submersible pump and submersible motor competencies including permanent magnet technology.

"The PMM8 as well as the PMM6 are examples of our ability to provide innovative products to better meet our customers' needs," said Jeff Drees, President, Industrial Product Operations, Flowserve. "The efficient operations and extended lives of the Flowserve PMM motors will help our customers in the water resources and general process industries combat rising energy costs."

The PMM8 is currently available in a 190 mm (8 in.) motor size with power output of 50 kW (67 hp) to 200 kW (268 hp). Flowserve intends to release additional sizes in the future.

More information on the PMM8 and the previously released PMM6 can be found [here](#).

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**About Flowserve:** Flowserve Corp. is one of the world's leading providers of fluid motion and control products and services. Operating in more than 55 countries, the company produces engineered and industrial pumps, seals and valves as well as a range of related flow management services. More information about Flowserve can be obtained by visiting the company's Web site at [www.flowserve.com](http://www.flowserve.com).

**Safe Harbor Statement:** This news release includes forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, which are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, as amended. Words or phrases such as, "may," "should," "expects," "could," "intends," "plans," "anticipates," "estimates," "believes," "forecasts," "predicts" or other similar expressions are intended to identify forward-looking statements, which include, without limitation, earnings forecasts, statements relating to our business strategy and statements of expectations, beliefs, future plans and strategies and anticipated developments concerning our industry, business, operations and financial performance and condition.

The forward-looking statements included in this news release are based on our current expectations, projections, estimates and assumptions. These statements are only predictions, not guarantees. Such forward-looking statements are subject to numerous risks and uncertainties that are difficult to predict. These risks and uncertainties may cause actual results to differ materially

from what is forecast in such forward-looking statements, and include, without limitation, the following: a portion of our bookings may not lead to completed sales, and our ability to convert bookings into revenues at acceptable profit margins; changes in the global financial markets and the availability of capital and the potential for unexpected cancellations or delays of customer orders in our reported backlog; our dependence on our customers' ability to make required capital investment and maintenance expenditures; risks associated with cost overruns on fixed-fee projects and in taking customer orders for large complex custom engineered products; the substantial dependence of our sales on the success of the oil and gas, chemical, power generation and water management industries; the adverse impact of volatile raw materials prices on our products and operating margins; economic, political and other risks associated with our international operations, including military actions or trade embargoes that could affect customer markets, particularly Middle Eastern markets and global oil and gas producers, and non-compliance with U.S. export/re-export control, foreign corrupt practice laws, economic sanctions and import laws and regulations; increased aging and slower collection of receivables, particularly in Latin America and other emerging markets; our exposure to fluctuations in foreign currency exchange rates, including in hyperinflationary countries such as Venezuela; our furnishing of products and services to nuclear power plant facilities and other critical processes; potential adverse consequences resulting from litigation to which we are a party, such as litigation involving asbestos-containing material claims; a foreign government investigation regarding our participation in the United Nations Oil-for-Food Program; expectations regarding acquisitions and the integration of acquired businesses; our relative geographical profitability and its impact on our utilization of deferred tax assets, including foreign tax credits; the potential adverse impact of an impairment in the carrying value of goodwill or other intangible assets; our dependence upon third-party suppliers whose failure to perform timely could adversely affect our business operations; the highly competitive nature of the markets in which we operate; environmental compliance costs and liabilities; potential work stoppages and other labor matters; our inability to protect our intellectual property in the U.S., as well as in foreign countries; obligations under our defined benefit pension plans; and other factors described from time to time in our filings with the Securities and Exchange Commission.

All forward-looking statements included in this news release are based on information available to us on the date hereof, and we assume no obligation to update any forward-looking statement.

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