

Danfoss Press Release

November 20, 2023

Danfoss Power Solutions expands tractor valve platform, enabling use on wider range of models

- *Additional zero-leak electrohydraulic module sizes and new mechanical modules round out proportional valve offering for agricultural applications*

NORDBORG, Denmark – [Danfoss Power Solutions](#), a leading global supplier of mobile and industrial hydraulics as well as electric powertrain systems, has enhanced its tractor valve platform with additional electrohydraulic module sizes as well as new mechanical modules, enabling the valve to be used on a wider range of tractor models.

Proven in farm fields for more than 20 years, Danfoss' tractor valve provides rear implement, front implement, and front loader control. Built on the PVG 32 proportional valve platform, the tractor valve offers a variety of components and features specific to agricultural applications. A range of valve modules — inlets, working modules for auxiliary functions, hitch modules, top-mounted modules, and endplates — enable customization for each specific application.

Danfoss has added zero-leak electrohydraulic PVBZ 16, 40, and 48 modules to the platform, which enables the valve to cover flow rates of up to 170 liters per minute (44.9 gallons per minute). The new sizes enable customers to tailor the flow rate for each service more accurately. All PVBZ modules are based on the PVG 32 platform, eliminating the need for interface plates and allowing them to be combined in numerous configurations to match customer needs. The new modules are compatible with PVE electrohydraulic actuators.

For tractors with mechanical implement actuation requirements, Danfoss has added zero-leak mechanical MVBZ modules to its valve platform. The MVBZ modules can be combined with the electrohydraulic PVBZ modules, enabling the use of mechanical modules for auxiliary function control and electrohydraulic modules for hitch control. The new mechanical modules also enable the valve to be used on base-model tractors.

“Danfoss tractor valves have long been used on many of the top tractor brands worldwide. With these enhancements to our valve platform, we are now a full-line valve supplier able to meet the needs of a wider range of tractor models, from small to large and basic to advanced,” said Jonas Lauersen, senior sales development manager, Spool Valve Solutions, Danfoss Power Solutions. “The valve offers a number of benefits, including a high degree of design flexibility and minimized parasitic losses. Danfoss’ unmatched global service and support rounds out the offering, providing our customers with a complete package.”

Visit the [Danfoss PVG valve](#) webpage for more information.

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About Danfoss

Danfoss engineers solutions that increase machine productivity, reduce emissions, lower energy consumption, and enable electrification. Our solutions are used in such areas as refrigeration, air conditioning, heating, power conversion, motor control, industrial machinery, automotive, marine, and off- and on-highway equipment. We also provide solutions for renewable energy, such as solar and wind power, as well as district-energy infrastructure for cities. Our innovative engineering dates back to 1933. Danfoss is family- and foundation-owned, employing more than 42,000 people worldwide and serving customers in more than 100 countries through a global footprint of 95 factories.

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