

## PRESS RELEASE

Online catalog valve technology

The first version of the WEBER-HYDRAULIK valve portfolio is now available in Automation Studio™

Güglingen, 14th March 2023. **WEBER-HYDRAULIK and Famic Technologies Inc. are working together to implement WEBER-HYDRAULIK's valves in Famic Technologies' advanced system design and simulation software, Automation Studio™. This important collaboration allows users of the software to benefit from the official digital models of the components through the software's Manufacturers' Catalogues.**

WEBER-HYDRAULIK GMBH is a leading specialist for tailor-made and functional hydraulic solutions and developing high-quality cylinders, manifolds, steering and suspension systems, valves and power units.

Automation Studio™ is a renowned system design and simulation software for hydraulics, pneumatics, electrical engineering and industrial automation, which allows to integrate WEBER-HYDRAULIK valves in your hydraulic systems' simulation.

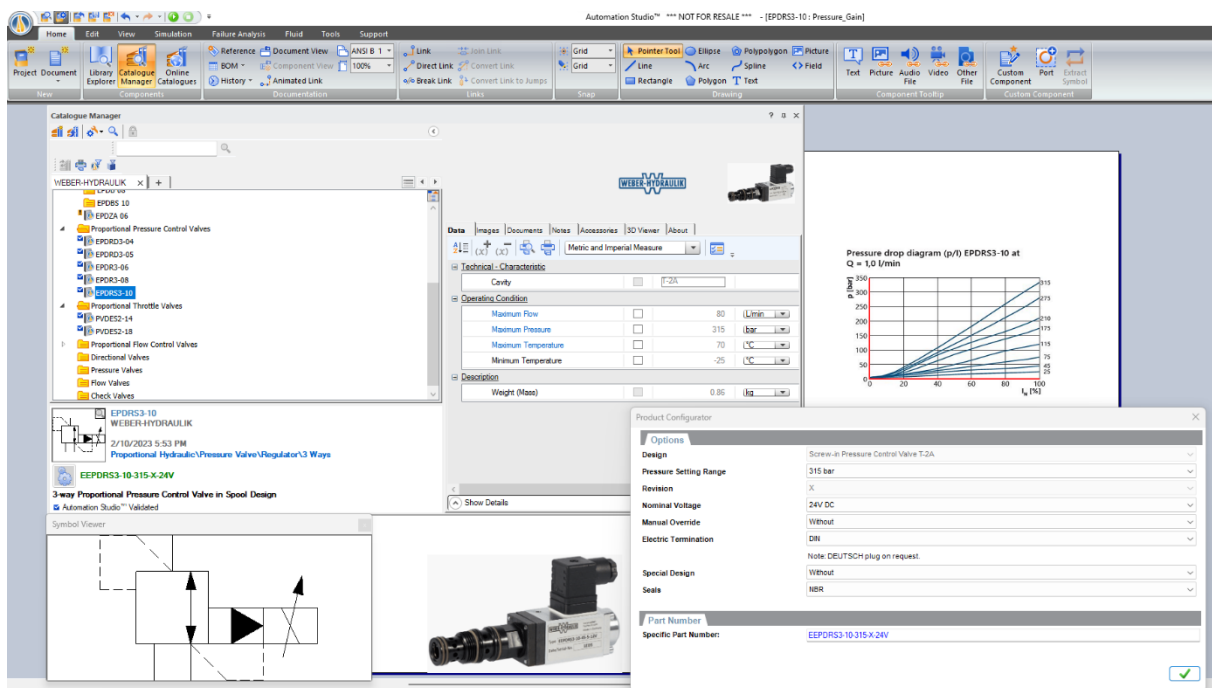
Valves designed and manufactured by WEBER-HYDRAULIK are used in a wide range of industries and applications. With its expertise in proportional valve technology, the hydraulic specialist offers various sizes of proportional directional valves, proportional pressure releases and control valves, proportional throttle and proportional flow control valves. The product portfolio additionally includes several types of on-off-solenoids, pressure relief, flow control and check valves. The valves are distinguished by their precise control behaviour with small hysteresis. In order to be able to guarantee these properties, all valves are tested on hydraulic test benches before delivery. Due to hardened and ground components, they achieve a long service life as well as a low sensitivity to dirt.



WEBER-HYDRAULIK not only offers a standard valve portfolio, but also stands out as an innovative development partner for sophisticated customer-specific solutions.

With the integration of the WEBER-HYDRAULIK valve product portfolio, Automation Studio™ offers an extensive set of data attributes, technical details, simulation models and commercial information to support users in their quest for the best possible hydraulic system through simulation.

In the first release, the majority of the standard program of the valve technology is included. The full standard product portfolio of WEBER-HYDRAULIK's valves will be implemented in upcoming releases, alongside the corresponding 3D-models.



The screenshot displays the Automation Studio™ interface for configuring a valve. The main window shows a 3D model of the valve and a technical data table. A 'Product Configurator' dialog box is open, showing various options for the valve.

Technical - Characteristics	
Core	2-A
Operating Condition	
Maximum Flow	80 (L/min)
Maximum Pressure	315 (bar)
Maximum Temperature	70 (°C)
Minimum Temperature	-25 (°C)
Description	
Weight (Mass)	0.95 (kg)

**Product Configurator Options:**

- Design: Solenoid Pressure Control Valve T-2A
- Pressure Setting Range: 315 bar
- Revision: X
- Nominal Voltage: 24V DC
- Manual Override: Without
- Electric Termination: DIN
- Special Design: Note: DEUTSCH plug on request.
- Seals: Without
- Part Number: EEPDRS3-10-315-X-24V
- Specific Part Number: EEPDRS3-10-315-X-24V

The interface also includes a 'Catalogue Manager' on the left, a 'Symbol Viewer' at the bottom left showing a hydraulic schematic, and a 'Pressure drop diagram (p/v) EPDRS3-10 at Q = 1.0 l/min' on the right, which is a line graph showing pressure drop vs. flow rate.

## **About:**

### **WEBER-HYDRAULIK GMBH**

WEBER-HYDRAULIK GMBH is a leading international specialist for tailor-made and functional hydraulic solutions. For more than 80 years, the southern German family-owned business from Güglingen has been developing high-quality cylinders, manifolds, steering and suspension systems, valves and power units for mobile machinery, commercial vehicles and machine tools as well as rescue equipment reliably and efficiently – an unbeatable portfolio of services for movement, power and dynamics. As an innovative business partner, WEBER-HYDRAULIK realizes sophisticated, application-specific system solutions according to customer requirements. With more than 1,500 employees at 6 locations worldwide, the hydraulics specialist generates annual sales of roughly EUR 300 million.

### **Famic Technologies Inc.**

Based in Montreal, Canada, with branches in Germany and India, Famic Technologies is leading the industry since 1986 by providing world-class trade-oriented software solutions in the fields of fluid power, electrical engineering, industrial automation and custom software development. Namely, Automation Studio™, an innovative system design and simulation software used for training, maintenance, validation and troubleshooting of multi-technology circuits, Automation Studio™ Live Manifold for hydraulic manifold design, quoting and prototyping, and Andon Studio™, for Industry 4.0 and process management optimization. With quality and performance driving decisions, Famic Technologies has become internationally recognized and sought out for its expertise, knowledge, innovation and leadership.

### **Automation Studio™**

Automation Studio™ is a unique software covering all project/machine technologies including hydraulics, pneumatics, electrical and automation. It is used by the different departments throughout an organization for system design, simulation and validation, training, maintenance, troubleshooting, technical publications, project documentation and sales support.



A Product of  Famic Technologies Inc.



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