



Domin Valves

Do More With Less



Domin Valves



S4 Pro

S01

0.5-18 l/min

(0.2 - 4.8 gpm)



S6 Pro

NG06

5-63 l/min

(2.6-16.6 gpm)



S10 Pro

NG10

50-250 l/min

(13-66 gpm)



S12 Pro

NG16

250-660 l/min

(66-174 gpm)



P6 Pro

NG06

5-40 l/min

(2.6-10.6 gpm)



P10 Pro

NG10

40-160 l/min

(10.6-42 gpm)

Domin Valves are a new class of hydraulic servo valves that set a higher standard for efficiency, reliability, and performance.

By combining the precision and responsiveness of two stage designs with the robustness and simplicity of direct drive, our valves deliver the best of both worlds without compromise.

Proven in the most demanding environments and available immediately through Lead Time Zero, Domin Valves help customers across industries achieve more performance, more uptime, and more certainty with less cost, less waste and less waiting.

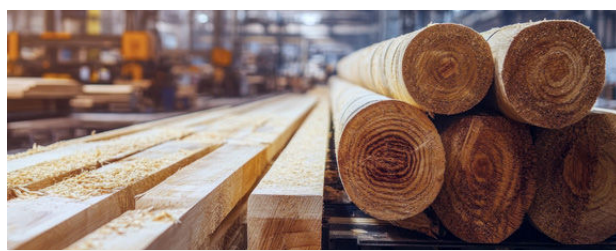


Do **More** with Less



More Durable Design

Domin's direct drive architecture removes pilot leakage and uses optimised flow paths for extended service life. Built for extreme environments, our valves run longer between maintenance intervals, reducing interventions and lowering the total cost of ownership.



Less Down Time

Domin Valves are designed to keep systems running. By amplifying motor torque to the spool, they resist particulates and contamination that would stop traditional valves. From timber mills to die casting and heavy industry, customers see consistent reliability and fewer unplanned stoppages.



More Energy Savings

Domin Valves minimise energy losses, cutting continuous power consumption in operation. Replacing a conventional two stage NG06 valve with a Domin alternative can save over \$400 per year in energy costs and avoid one tonne of CO₂ emissions.



Less Waiting

With Lead Time Zero, Domin Valves are available when customers need them. Immediate stock, standard port patterns, and drop-in replacements mean faster upgrades and reduced project risk, without the delays that come with legacy suppliers.



S4 Pro

S01



The S4 Pro delivers unmatched control in the smallest package available. With a 12.2 mm port circle and weight under 300g, it enables precision control where every millimetre matters.

Trusted in robotics, motorsport, and compact industrial systems, the S4 Pro brings proven Domin reliability and performance into space-constrained environments.

Performance

Hysteresis	Leakage	Mass	Frequency	Rated Flow	Response Time
< 1 %	< 0.45 l/min (< 0.12 gpm)	290 g (0.64 lbs)	> 200 Hz	0.5-18 l/min (0.2-4.8 gpm)	< 3 ms



Animatronics

Domin is an outstanding organisation to work with and the advancements they're making with once "traditional" hydraulic servo products is a game-changer for the industry. Domin Valves are highly responsive, true to spec, easily tuned, repeatable, reliable and extremely robust.

Technical Specialist, Motion Industries



High-Performance Sports

The hydraulic valves supplied by Domin have been instrumental in enhancing the speed and reliability of the hydraulic system in our race yacht, Britannia. The cyclists are certainly starting to see the rewards of the energy efficiency of the valves.

System Concept Engineer, INEOS Britannia



S6 Pro

NG06 / S04



The S6 Pro combines exceptional power density with proven reliability, making it the benchmark valve across industrial manufacturing, test rigs and demanding automation systems.

It delivers the size, mass and dynamics of the best two stage valves with the simplicity and low leakage of direct drive technology. Customers benefit from consistent performance, extended service life and reduced downtime.

Performance

Hysteresis	Leakage	Mass	Frequency	Rated Flow	Response Time
< 0.2 %	< 1.1 l/min (< 0.3 gpm)	620 g (< 1.36 lbs)	> 250 Hz	10-63 l/min (2.6-16.6 gpm)	< 3.5 ms



Die Casting

We have now fully transitioned from the Woodward HRT (57 l/min) servo valve to the Domin S6 Pro servo valve. The Domin Valves have proven to be very rugged and reliable with outstanding performance.

President, Visi-Trak Worldwide LLC



Test and Simulation

Noteworthy is the commendable phase-matching exhibited by Domin Valves, even at high frequencies, facilitating smooth operation without necessitating additional synchronisation measures. Feedback from our team underscores satisfaction with the robust build quality and outstanding performance of Domin Valves.

CEO & R&D Manager, DTSquare GmbH



S10 Pro

NG10



The S10 Pro is the most efficient direct drive valve for high-flow applications, delivering up to 250 lpm while maintaining pressure and reliable operation under continuous duty cycles.

Compact and lightweight, it replaces bulky traditional servo proportional valves while sustaining bandwidth and reliability under demanding conditions. Perfect for presses, power generation and large-scale test systems, it enables more throughput with less energy and less weight.

Performance

Hysteresis	Leakage	Mass	Frequency	Rated Flow	Response Time
< 0.2 %	< 3 l/min (< 0.8 gpm)	50 g	> 150 Hz	50-250 l/min (13.2-66 gpm)	< 7 ms



Timber

Domin's customer service is the only thing that outshines the performance of the valves. The valve's performance, configurability and durability is simply unmatched. We've been able to replace several OEMS valves with a single Domin Valve. We've put the valves into our harshest applications and they performed flawlessly.

Vice President, The Servo Group



Industrial Automation

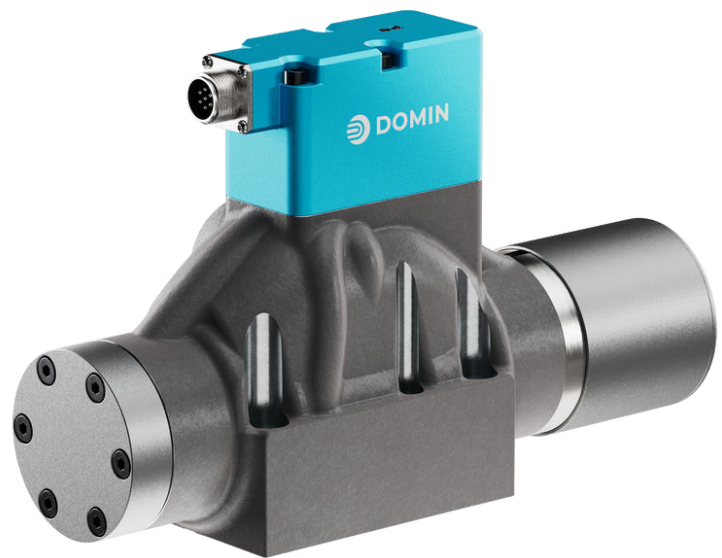
The valve demonstrated highly linear spool position response across the full operating range when tested by ramping the input voltage from 0 to 100%. The valve maintained stability under pulsed command inputs without any oscillation or loss of control.

President, Delta Motion



S12 Pro

NG16



The S12 Pro extends Domin performance into high-flow, high-power applications. Compact yet capable, it delivers 250 lpm at 10 Bar ΔP with a 100 Hz frequency response and 9 ms step response, all within a fully enclosed NG16 footprint.

Building on the proven dependability of the S6 Pro, now used as the pilot stage for the most advanced two stage valve, the S12 Pro brings the same trusted reliability to larger presses, turbines, and industrial test systems. Customers benefit from more flow, more control, and longer service life in a clean, easy to install design.

Performance

Hysteresis	Leakage	Frequency	Rated Flow	Response Time
< 0.2 %	< 2.7 l/min (< 0.7 gpm)	> 100 Hz	10-63 l/min (66-174 gpm)	< 9 ms

Built for [Consistent Reliability](#) in industries including:

Heavy Industry

Marine and Offshore

Metal Forming

Oil and Gas

Plastic and Rubber

Power Generation

Pulp and Paper

Test and Simulation

Wood and Timber



P6 Pro

NG06



The P6 Pro is a compact servo proportional valve designed for precise control in smaller and mid-sized industrial systems. Its fast response and fine resolution make it well suited to machinery that depends on accurate motion management in a smaller footprint, such as injection moulding, ceramics, and automated handling systems. It installs easily into existing NG06 platforms and brings dependable day to day performance with minimal setup.

Available on the NG06 port pattern as standard.

Performance

Hysteresis	Leakage	Frequency	Rated Flow	Response Time
< 0.2 %	< 0.5 l/min (< 0.13 gpm)	> 100 Hz	5-40 l/min (2.6-10.6 gpm)	< 10 ms

Built for [Consistent Reliability](#) in industries including:

Ceramic Pressing

Defence

Heavy Industry

Industrial Automation

Injection Moulding

Marine

Metal Processing

Plastic and Rubber

Wood and Timber



P10 Pro

NG10



The P10 Pro is a high flow servo proportional valve engineered for demanding heavy duty applications. With strong dynamic stability and robust construction, it manages large volumes of hydraulic power with confidence, supporting presses, power and energy systems, and large-scale industrial automation. It is designed for environments where consistent control under higher loads is essential.

Available on the NG10 port pattern as standard.

Performance

Hysteresis	Leakage	Frequency	Rated Flow	Response Time
< 0.2 %	< 1 l/min (< 0.4 gpm)	> 65 Hz	40-160 l/min (10.6-42 gpm)	< 20 ms

Built for [Consistent Reliability](#) in industries including:

Industrial Automation

Defence

Heavy Industry

Marine

Metal Processing

Power Generation

Press Systems

Plastic and Rubber

Wood and Timber



Trusted by



The Domin S6 Pro is a high-performance valve that competes very well in terms of motion control performance, particularly with position and force control. In the testing we performed, we were not able to get the valve to misbehave or go unstable, which means the valve can handle very difficult control situations.



We've been waiting a long time for an extremely rugged servovalve that holds up in the forest industry. We didn't expect this valve to be so cost-effective and handle extreme vibration at high cycle rates. With a very small footprint and as a drop-in replacement for Bosch, Moog, Parker, and Woodward, we now stock several valves for a wide range of applications and are saving money with better performance.





“Out with the old, in with the Blue.”

Domin makes upgrading simple. Our valves are direct drop-in replacements for Parker, Bosch, Moog, Atos, and Woodward, giving you a smooth transition without redesign or disruption. With Lead Time Zero you get immediate availability and a direct path to valves that last longer, fail less, and cut your total cost of ownership.

Every upgrade delivers proven results: extended service life, reduced downtime, and lower operating costs. With more reliability and less risk. That is why more industries are moving into the blue with Domin.





Quality at Scale

At Domin, we are committed to delivering excellent customer service by ensuring quality is upheld in every step of every process, every day, by everyone. Quality isn't just a goal; it is our culture.

Exceptional quality is a priority, even for high-volume production. We achieve this through:

Rigorous in-process controls: Stringent checks throughout every stage of manufacturing ensure consistent quality in every valve.

Strong Partnerships: Our collaboration with great minds across the industry ensures we stay at the forefront of innovation. For example, our partnership with Renishaw, a world leader in additive manufacturing technologies, provides us with access to cutting-edge equipment and expertise, further solidifying our commitment to quality.

Process Capability: We prioritise capable and repeatable manufacturing processes. This minimises variability and guarantees consistent performance across every valve we produce, regardless of production volume.



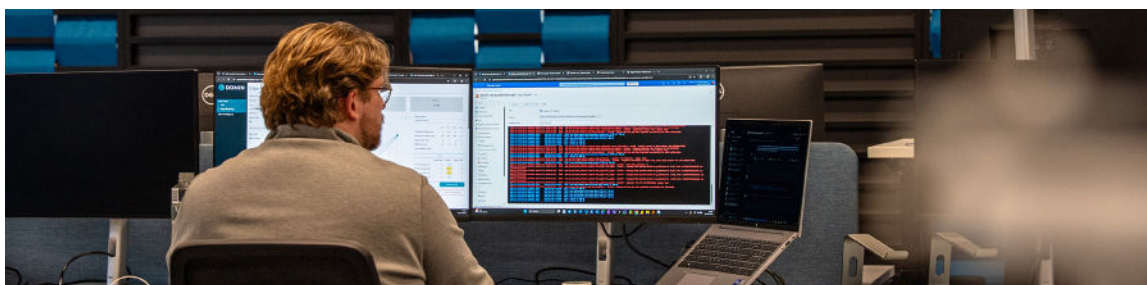
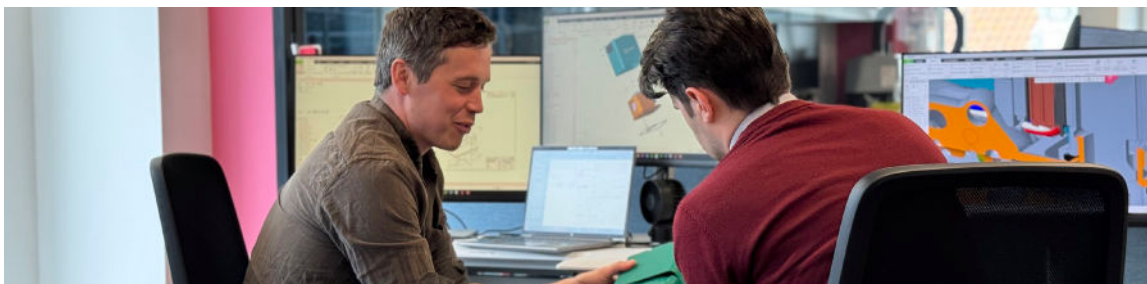


Tailored and Customised

At Domin, we know that sometimes a standard valve isn't the right answer. That's why, when the application requires, we work with customers to create bespoke solutions that fit their exact requirements.

Our highly skilled team of engineers combine deep application insight with world-class simulation tools to rapidly design, iterate, and deliver valves that solve specific challenges. From requirements capture through to proven prototypes and full production, we can move in timeframes that customers often thought impossible.

Whether it's adapting a product footprint, refining performance, or building something entirely new, we bring transparency, speed, and expertise to every project. The result is a solution that not only fits but unlocks real value.





Contact Us



www.icfluid.com



+1.419.661.8811



us@icfluid.com