

Seated valve WVM-6I

New model series for operating pressure range up to 500 bar



Dear Ladies and Gentlemen,

As you already have been informed Bieri is planning to launch a new model range from the series of seated valves. This is the new WVM-6I, nominal size NG6 with a flowrate of 25 l/min in the higher pressure range and you are no doubt very excited about the release of the first series.

As a result, demands from the market as well as from many of our customers on our new valve series have now increased. Accordingly, we have increased the original working pressure from 400 bar to **500 bar**.

In order to meet the new demands in line with our well established Bieri quality, targeted measures are necessary. In addition to the adaptation of the design and construction, extended endurance tests are of course mandatory.

As you can imagine, it will also require a certain amount of time to accomplish this task conscientiously.

Therefore, we regret that we are forced to postpone the original series launch of WVM-6I series until a later date.

The current planned launch date has now been postponed to the fourth quarter of this year. We thank you in advance for your comprehension for this nevertheless positive step.

If required, and under special conditions, we can offer some prototypes to **selected customers** only for testing purposes. Please contact us with details.

We would be very pleased to discuss this with you and your customers and we very much look forward to introducing the new valve series as soon as possible.

Seated valve WVM-6I

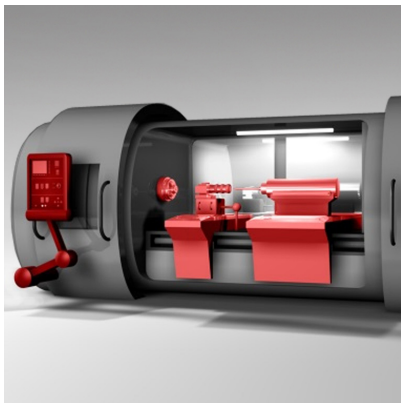
New model series for operating pressure range up to 500 bar

Type WVM-6I

NG 6
up to 25 l/min

Features

- Direct operated
- Leakage free
- High duty cycle
- Long lifetime through hardened poppets and valve seats
- Positive overlap (exceptions see product information)
- Available as 2/2-, 3/2-, 3/3-, 3/4-, 4/2-, 4/3- or 4/4-valve, solenoid operated



Applications

- Controlling of cylinders and motors in the pressure range ≤ 500 bar as full replacement for spool valves (especially for leakage free holding, bending and clamping)
- Machine tools, hoisting technology, test stands and rescue devices
- Power units (e.g. implemented in limited space for or in order to reduce weight)
- Bridge building

Please see the most important technical data in advance:

Porting	NG 6 according to DIN 24340/ISO 4401 / CETOP RP 121 H
Max. operating pressure connection P, A, B	500 bar
Max. flow rate	25 l/min
Duty cycle	100 %
Solenoid power	12 VDC (30 W), 24 VDC (30 W), 110 VAC (32 W), 230 VAC (33 W)
Material/Surface finish	Valve body: corrosion resistant Solenoid: zinc-plated, blue passivated

Yours sincerely,

Bieri Hydraulik AG