Technology overview:

- 4 sizes and over 1000 variations
- Flow rate range of 4 .. 350 lpm
- Operation pressure (p_{max}) 350 bar
- Pilot ratios of 2:1 to 24:1 possible
- Available as a screw-in cartridge or housing version

Additional HAWE components for your system:
pumps, directional valves and electronic controls



"HAWE Hydraulik has entered the market with an interesting range of cartridge valves for load holding functions."

"This new, rugged and weather-resistant product is a perfect addition to any hydraulic system."

You can find your sales contact here:

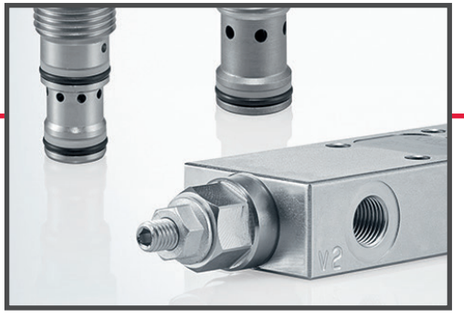
www.hawe.com/kontakt

Leak free

Large range

Stability

Energy efficiency



P_LHV Flyer EN - 11/2017

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HAWE HYDRAULIK

Solutions for a World under Pressure

HAWE HYDRAULIK

The new load-holding valve for greater efficiency and stability in mobile hydraulics

The correct choice is crucial.

Load-holding valves for a crane boom, an aerial working platform, or a plough control affects the stability of the vehicle and therefore the safety of the operator. The effect of this small element on the energy efficiency of the entire hydraulic system is often underestimated. The extensive HAWE Hydraulik product range contains load-holding valves in 4 sizes, with finely adjustable maximum flow rates of 4 to 450 lpm. This allows HAWE products to meet very precise requirements for stability and precision control with over 1000 provided variations. Experienced HAWE experts are happy to assist you in choosing the best product for your application.

Convincing technology.

When high flow rates are required, a low delta p ensures high energy efficiency. When low flow rates are required, controllability is ensured by valves with a precision control range. For applications with small cylinder movements, extra pistons are available with nominal flow of 4 or 15 lpm.

Pilot ratios of 2:1 or 24:1 are possible when energy efficiency or stability is of the upmost importance in an application. Various oscillation damping options increase stability during operation and provide the operator with a greater level of safety.

Key data:

Flow rate for type LHV-C with screw-in hole T11A:

Coding	in lpm
A	75
B	60
C	30
D	12
E	4

Flow rate for type LHV-PIB as housing version:

Coding	in lpm
LHV2	40
LHV3	90
LHV5	150
LHV7	350

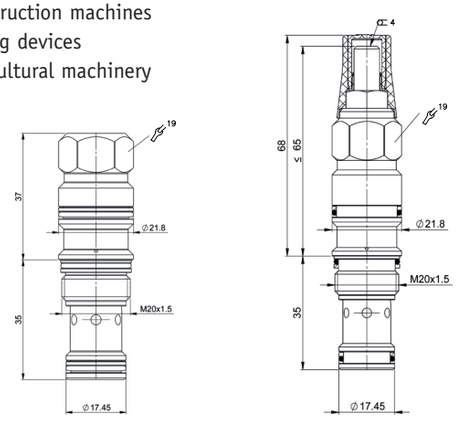
Everything considered!

Load-holding valve type LHV is suitable for applications with low and medium tendencies to oscillate and is used especially in combination with proportional directional spool valves, e.g. type PSL. It is also available with return pressure compensation and spring chamber relief.

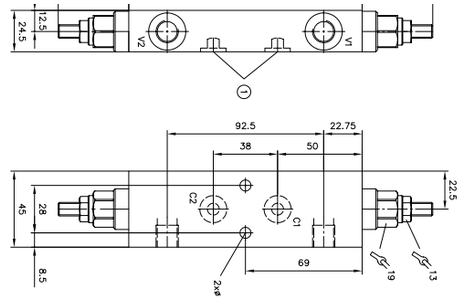
The screw-in valves are available with mounting holes with T11A, T2A or UNF. A fixed or adjustable version is available for each. The housing versions are designed for all standard threaded connections with G 3/8, G 1/2 and G 3/4.

Ideal for:

- Cranes
- Construction machines
- Lifting devices
- Agricultural machinery



Unit dimension examples for load-holding valve type LHV-C 3 T11A



Unit dimension example for load-holding valve type LHV-PIB 21 P-21