THM HUADE HYDRAULICS PUT LTD

DAW30

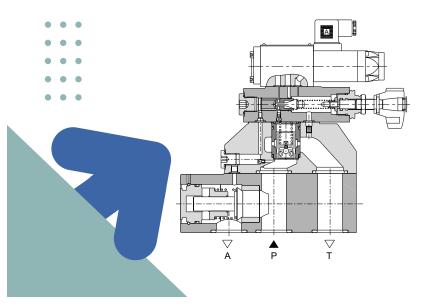
Pilot Operated (Solenoid Operated) Unloading Relief Valve

Features:

- For subplate mounting
- 4 adjustment elements
- -Rotary Knob
- -Sleeve with internal hexagon and protective cap
- -Lockable rotary knob with scale
- -Rotary knob with scale
- 4 pressure ratings, optional
- Solenoid actuated unloading via a built on directional valve



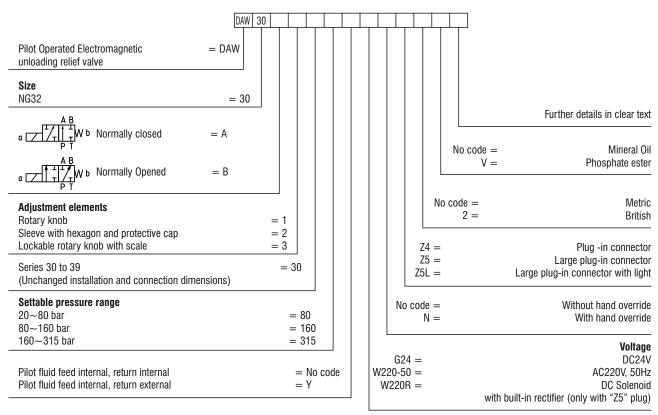
Pressure control valves type DAW are pilot operated pressure shut-off valves. They are used to switch a pump flow over to unpressurised by-pass as soon as the accumulator loading pressure is reached. Further applications for the valve are in systems that have high and low pressure pumps. In this case the low pressure pump is switched to unpressurised by-pass as soon as the set high pressure is reached. Pressure shut -off valves basically consist of the main valve with the main spool assembly, pilot valve with pressure adjustment element and check valve. In Size 30 the check valve is built into a separate plate installed under the main valve.







Ordering Code:



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DAW30A-2-30T/160G24N9K4Z5L

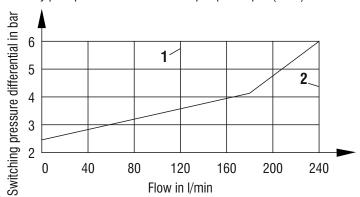
Pilot Operated (Solenoid Operated) Unloading Relief Valve

Specifications:

Size			30
Maximum flow	10%	l/min	120
	17%	l/min	240
Operating pressure port A		bar	315
Maximum Settable pressure		bar	up to 50, up to 100, up to 200, up to 315
Pressure Fluid			Mineral Oil For NBR seal Phosphate easter For FKM Seal
Viscosity range		mm²/s	10~800
Pressure fluid temperature range		°C	-30 to +80
Weight		kg	13.5

Characteristic Curves:

By pass pressure in relation to the pump flow qv P ($P \rightarrow T$)



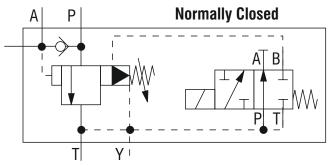
- 1. q_{v max} for 10% version
- 2. q_{v max} for 17% version

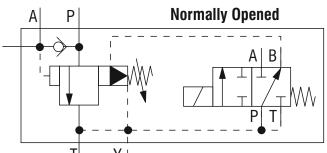
These characteristic curves are valid for an outlet pressure (T) = zero over the entire flow range.





Graphic Symbol:



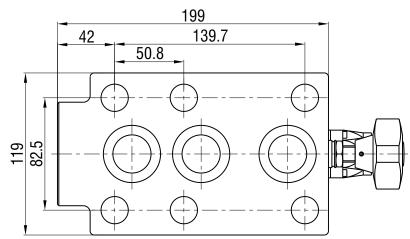




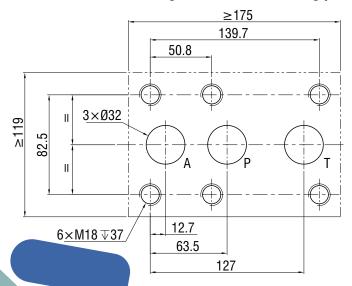
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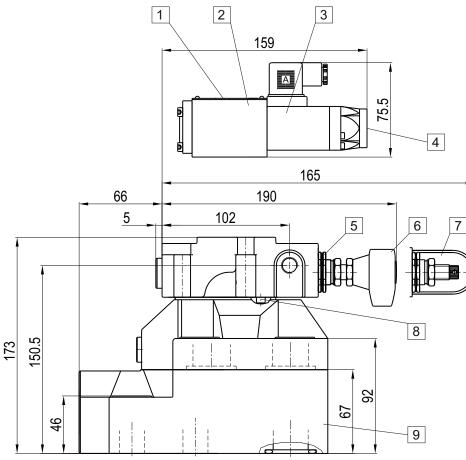
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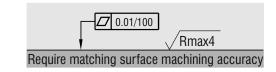
Port Connection surface size



Mounting surface size of mating parts







Description:

- 1. Nameplate
- 2. Electromagnetic directional valve with 2 diameters of five
- 3. Electromagnet
- 4. Fault check button
- 5. Lock nut
- 6. adjustment element "1"
- 7. adjustment element "2"
- 8. screw plug (no control oil leakage this piece)



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