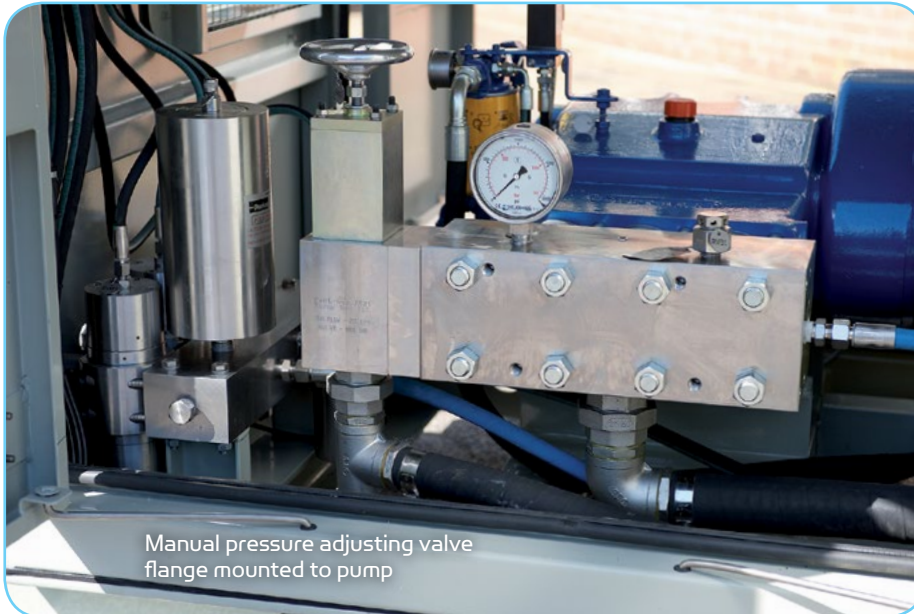


Manual Pressure Adjusting Valve



Manual pressure adjusting valve flange mounted to pump

Features

- Provides accurate pressure adjustment & regulation.
- Flange mounts to Hughes pumpheads eliminating the need for a high pressure link hose & valve bracket
- 431 stainless steel valve bodies
- Designed to pass full flow
- Range of sizes to suit complete pump range
- Can be used on any pump
- Provides additional overpressure protection
- Reversible seat & stem for extended life
- Ceramic seats & stems available suitable for use with sea water
- All valves are tested & supplied with a test certificate

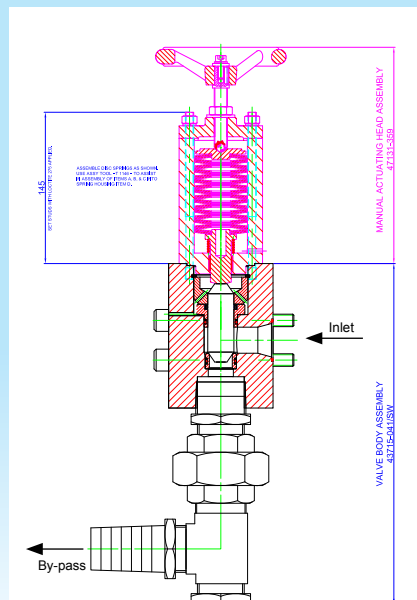
Summary of standard valves

Part No	Stem diameter mm	Max Pressure		Max Flow	
		bar	psi	lpm	usgpm
43744-910	12	1,400	20,000	200	53
43742-912	22	600	8,700	400	106
43742-911	25	600	8,700	800	212

The pressure adjusting valve is a versatile device to allow full control over pump pressure & flow. It has several functions & therefore is often referred to as a dump valve or regulating valve.

With no tension on the springs, the valve seat is fully open & by-passes pump flow at zero pressure. As spring tension is increased the valve seat & stem gradually close, diverting pump flow to the high pressure discharge line.

Once the desired pressure is reached, the valve can be locked where it will regulate pressure. This allows single or multiple dryshut type jetting guns to be used whilst maintaining the set pressure.



Build Options

- Available with threaded adaptor plate to allow remote mounting
- Pneumatic actuated versions to allow fingertip control & remote control
- 316 stainless steel bodies & ceramic seats/stems for sea water

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