

HYDRAULIC BOLT TENSIONING

Hydro Test Pumps

Boltight has a range of air driven hydrostatic pressure testing pumps suitable for use with various fluids, including water. Ergonomically designed for quick and safe operation, each pump is supplied with a pressure test certificate as standard together with full operating instructions and a safety manual.

Three options are available with output hydraulic pressure capacities ranging from 0 to 5,000 psi (345 bar), 0 to 10,000 psi (690 bar) and 0 to 20,000 psi (1379 bar).

The pumps are available from stock for immediate delivery. All three have a 150mm diameter glycerine filled hydraulic dual scale pressure gauge, an inline airline filter, lubricator and pressure regulator unit and pump stop/pump start operating valve.

Mounted on a robust tubular stainless steel framework, the pumps feature a lightweight fluid reservoir that can also be specified in stainless steel if required. Other options include a stroke counter system and pressure isolation valve. Boltight can also supply a full range of complimentary hoses and fittings. Custom packages are available on request.

Modified versions of the pumps can be supplied with an onboard single pen chart recorder mounted on the front fascia next to the pressure gauge. The recorder features a mechanical spring wound clock mechanism with 24 hours clock speed and an accuracy of +/- 1%. An isolation needle valve is fitted as standard.

Specification

- Output pressures up to 20,000 psi bar
- Suitable for use with various fluids
- Infinitely variable output pressure and flow
- 150mm diameter glycerine filled hydraulic pressure gauge
- 7.5 litre reservoir capacity
- Compact low maintenance design
- Maximum weight 23kg
- Air consumption 28 scfm (0.79m³/minute)
- Optional single pen pressure chart recorder



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Chart recorder

Model	Max. output pressure (bar) at airline input pressure			Fluid volume displacement per stroke mm ³	Outlet port thread	Weight kg	Dimensions in mm		
	10 psi 0.69 bar	50 psi 3.45 bar	100 psi 6.9 bar				Length	Width	Height
PHT-500-20-5K	250	1775	3625	12307	1/2 in NPT	23	450	395	395
PHT-500-30-10K	400	2900	5800	7604	1/2 in NPT	23	450	395	395
PHT-500-100-20K	1400	9250	18750	2261	3/8 in NPT	23	450	395	395

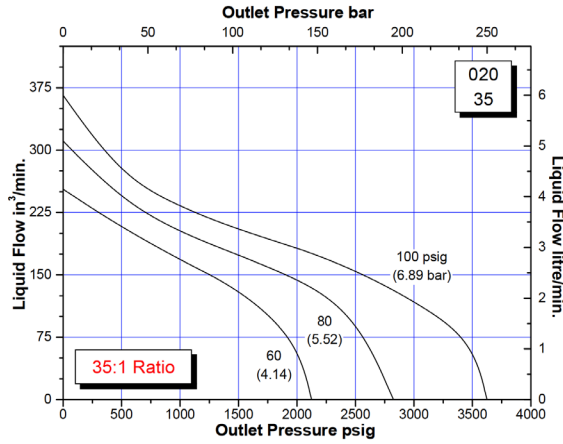


BOLTIGHT®
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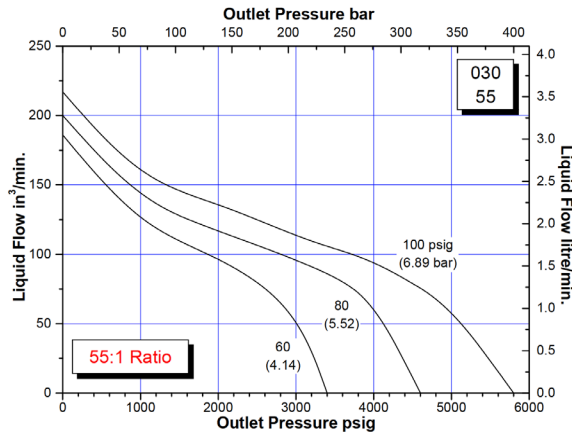
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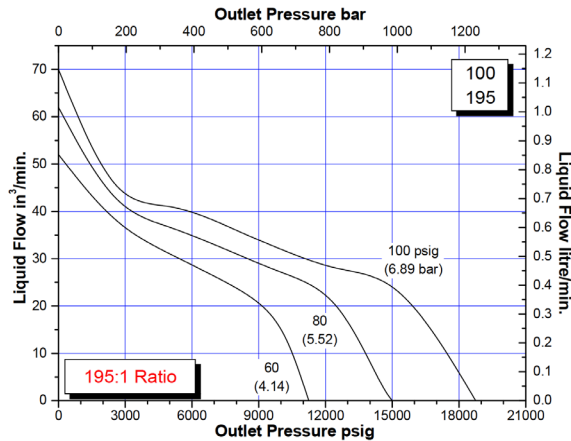
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PHT-500-20-5K



PHT-500-30-5K



PHT-500-100-5K



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