



High Pressure Plunger Pump 6001

*Water as a tool
for a clean environment*

Technical Advantages



Pump Gear

- Proven pump gear with forced oil lubrication and variable gear ratios

Pump Head

- Hydrostatically armoured, thus longest possible service life
- Innovative valve design for high efficiency and easy servicing
- Maintenance free plunger seal with lamellar packing
- Plunger made of coated steel
- Long service life

Additional Equipment

- Pressure regulating valve with pneumatic control
- Pneumatically controlled 2/2-way pressure relief valve
- Pneumatically controlled 3/2-way valve
- Pneumatically controlled high-pressure valves for parallel operation of several users

Options

- Pump head, cylinders and valves made from special materials for aggressive media, e.g. seawater

Performance chart pump type 6001																
Stroke: 130 mm/4.5 in					Plunger diameter (mm)											
Gear ratio	Pinion shaft Rpm			Crankshaft Rpm	P 30				P 35				P 40			
	1850	2100	2300		kW	US-gal.	Imp.-gal.	l/min	kW	US-gal.	Imp.-gal.	l/min	kW	US-gal.	Imp.-gal.	l/min
	3.55	4.06	4.35	520	357	34.4	28.6	130	440	48.9	40.7	185	440	63.4	52.8	240
	4.06	4.35		455	312	29.8	24.8	113	385	42.8	35.6	162	385	55.5	46.2	210
	4.35			425	292	28.0	23.3	106	360	39.6	33.0	150	360	51.8	43.1	196
Inlet pressure required 45-75 psi/3-5 bar					Maximum permissible operating pressure in psi/bar											
					20300/1400				18100/1250				13500/930			

Nominal flow rate in US-gallon / Imperial-gallon / l/min
Required drive in kW

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