

# PUMPMASTER 80 - 200:1 RATIO ULTRA HIGH PRESSURE GREASE PUMPS



HEAVY-DUTY ULTRA HIGH PRESSURE PUMP

533 911

Ultra high pressure double acting pump. 200:1 pressure ratio pump designed for use in oil and gas wells in wireline and plug valve applications.

- In wireline applications, these pumps are used to seal against the well external pressure, preventing the tube from collapsing as the well is perforated.
- In plug valve applications, these pumps pump heavy grease into "christmas tree valves", sealing any gas leak.

## MARKETS SERVED

- Oil and gas.

## FLUIDS HANDLED

- Special greases and sealants.

## FEATURES

- 8" air motor effective diameter for maximum power.
- Well proven, no stall and no ice forming air motor.
- Reinforced construction, to stand up to 1.200 bar pressure.
- Reliable fluid seals.
- Divorced designed with steel covers to protect pump rod from tough environment.



02  
GREASE PUMPS

MODELS				
PART No.	APPLICATION	PUMP TUBE HEIGHT	TOTAL HEIGHT	WEIGHT
533 911	185 kg (400 lb) drum. NPT connection.	855 mm	1.539 mm	59 kg
533 921	50 kg (120 lb) drum. NPT connection.	700 mm	1.384 mm	55 kg

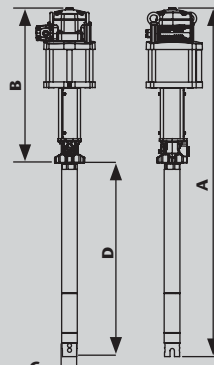
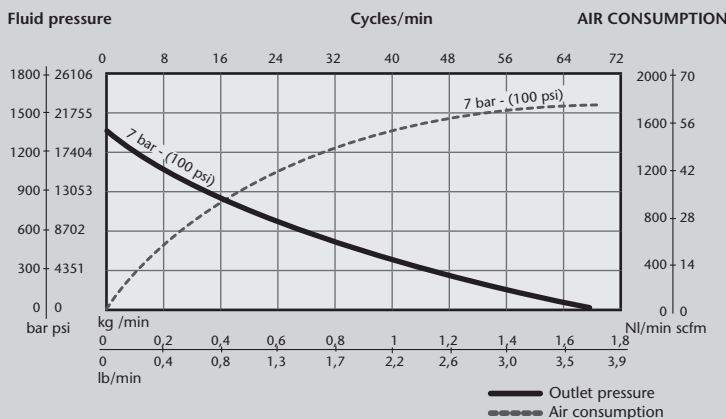
TECHNICAL DATA	
Pump pressure ratio	200:1
Maximum free flow	1,7 kg/min (3,8 lb/min)
Air pressure operating range	2 - 6 bar (30 - 90 psi)
Maximum outlet pressure	1.200 bar (18,000 psi)
Air motor effective diameter	200 mm (8")
Air motor stroke	100 mm (4")
Air consumption <sup>(1)</sup>	1.300 NI/min (46 scfm)
Air inlet	3/4" NPT (F)
Fluid outlet	Autoclave Engineers Medium Pressure Port for 9/16" Tube, 13/16 - 16 Thread
Wetted and seals materials	Carbon Steel / Cast Iron / Bronze / PEEK / Teflon®
Noise level <sup>(2)</sup>	80 dB

(1) Air consumption at 5 bar air pressure, NLGI-2 grease at 20 °C and 40 cpm.

(2) Noise level measured at 1 m from the pump, 6 bar air pressure and free delivery.

**WARNING:** SAMOA 8" 200:1 pumps deliver pressures up to 1.200 bar (18,000 psi) which is in excess of the rated capacity of the accessories normally used with lubrication equipment. These 200:1 pumps can only be used in permanently installed systems where the pump is connected directly to the piping with a proper rating for the application.

## NLGI-2, 21 °C (70 °F) CAPACITY



DIMENSIONS (MM)		
MODEL	533 911	533 921
A (mm)	1.540	1.390
B (mm)	684	684
C (mm)	70	70
D (mm)	855	700

