

Stainless Steel Pumps



Robust pumps with product lubricated bearings:

- Only two working parts
- With a wide choice of sealing methods
- Wide pressure range: to 15/18 bars at higher viscosity's
- All models are available with relief valves
- All models can be heated by steam, oil or electricity
- Customised designs are available

Magnet Driven Pumps

Albany stainless steel pumps are supplied with magnetic couplings to give a leak free pump.

We offer a wide range of temperatures: over 200°C
and viscosity's: up to 5000 cst

We offer 3 methods of coupling protection by:

- Can temperature
- Power monitoring
- Dry running indication

Albany's well proven **AP** and **HD** ranges of gear pumps are available with **316 stainless steel casings** and **internals**. Other corrosion resistant materials are available to special order.

CONSTRUCTION

Pump internals are dictated by the liquids being pumped and the duty:

Pressure		Viscosity (Cst)	Rotor Choices
30 psi	2 bars	3 – 25	316 Stainless Steel 410/416 Stainless Steel Alloy A304 Stainless Steel
60 psi	4 bars	3 – 25	
100 psi	7 bars	3 – 25	
75 psi	5 bars	25 – 650	316 Stainless Steel or plastic 410/416 Stainless Steel Alloy A304 Stainless Steel
100 psi	7 bars	25 – 650	
130 psi	9 bars	25 – 650	
100 psi	7 bars	Over 650	316 Stainless Steel 410/416 Stainless Steel Alloy A304 Stainless Steel
130 psi	9 bars	Over 650	
150 psi	10 bars	Over 650	
Maximum Temperatures		Rotor Choice	
60°C		Non metallic rotors	
120°C		Metallic rotors	
230°C		Certain Metallic rotor pumps depending on viscosity	

In certain cases Albany stainless steel bodied pumps can be offered for pressures up to 15/18 bars.

Albany's Stainless Steel pumps have product lubricated bearings. With only two working parts and choice of glands or mechanical seals they offer an economical and robust pumping solution for a wide range of liquids.

Pump Size	L/M	Branches	Some material selections may affect the capacity shown. Please check with works
AP4	16	1/2	
AP5	25	3/4	
AP6	36	3/4	
AP7	56	1	
AP8	91	1 1/4	
AP9	132	1	
AP10	159	1 1/2 – 2	
AP11	222	2	
AP11.5	288	2 1/2 – 3	

For a full capacity chart please see Leaflet R4

PUMPS WITH HEATING JACKETS AND RELIEF VALVES:

Available with most of our Stainless Steel pump ranges

Quality Assurance to
BS EN ISO 9001:2000



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