

## G: Gear type pump range

### G: S Style:



Materials: AL | CI | GM | HY | SS



## Vertical pumps

The GS range is a vertical pump derived from the GA range and can incorporate pipework of up to 4 metres. This is a highly customisable range, as we can supply a wide range of pumps in a choice of mounting plates with columns in different lengths and styles.

The ability to submerge the pump in the fluid is popular in various industries including bitumen and liquid sulphur. Grease is available for intermediate bearings as required. We also make stainless steel pumps for solvent applications.



Albany's 24-page brochure is available as a download at [www.albany-pumps.co.uk](http://www.albany-pumps.co.uk)



Maximum working pressure <b>15 barg</b>	Pump size range <b>1/2" - 3"</b>	Maximum temperature <b>200°C</b>	Flow rate <b>25-1000 L/min</b>
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AL Aluminium | CS Cast Steel | CI Cast Iron | GM Gunmetal | HY Hastelloy | NR Ni-resist | NY Nylon | PP Polypropylene | SD Super Duplex | SS Stainless Steel  
 General and Chemical Bitumen Fire Dispenser Machines Food Industry Lubrication Marine Oil & Gas Refrigeration Sugar

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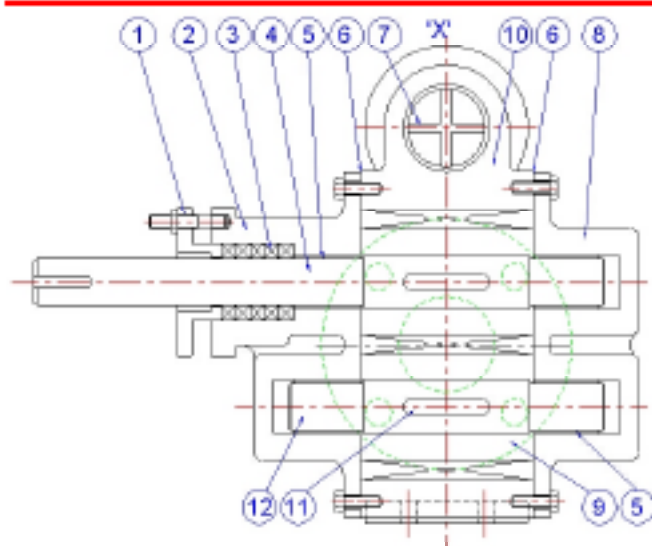
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# Albany Pumps

## G: S Style:

### PERFORMANCE – powers and flows typical for 3.5 BAR<sub>g</sub>

Pump Frame Size	95% of Theoretical output Litres/rev	Maximum viscosity 3,000 centistokes 500 RPM		Maximum viscosity 2,000 centistokes 720 RPM		Maximum viscosity 1,200 centistokes 960 RPM		Maximum viscosity 750 centistokes 1420 RPM	
		L/min	kW	L/min	kW	L/min	kW	L/min	kW
AP040	.0194	9.5	.37	13.9	.37	18.6	.37	27.7	.56
AP050	.031	15.5	.37	22.3	.56	30.0	.55	44.0	.75
AP060	.0434	21.4	.56	32.3	.75	42.7	.75	63.6	1.1
AP070	.0687	35.5	.75	50.0	1.1	65.9	1.5	97.7	2.2
AP080	.108	54.1	1.5	80.9	1.5	107.7	2.2	159	3
AP090	.162	80.9	1.5	117	1.5	156	2.2	230	4
AP09W	.213	104	3.0	154	3.5	208	4.0	313	6.5
AP100	.195	100.5	2.2	145	3.0	187	4.0	277	5.5
HD030	.273	136	4.0	197	4.0	264	5.5	390	7.5
HD040	0.386	195	4.1	277	5.6	368	7.5	520	8.5
HD050	0.491	245	5.6	350	7.5	473	7.5	650	9.5
HD060	0.62	310	7.5	445	7.5	600	11.2	880	14.0
HD070	0.805	405	7.5	582	11.2	773	11.2	REFER TO SALES	
HD080	1.00	509	11.2	718	11.2	955	14	REFER TO SALES	



- 1 Gland
- 2 Front Cover
- 3\* Gland Packing
- 4\* Driving Shaft
- 5\* Bushes (4 per set)
- 6\* Gaskets
- 7 Relief Valve comprises...
- 8 Back Cover
- 9\* Rotors (2)
- 10 Body
- 11\* Key (2)
- 12\* Following Shaft

### PARTS LIST

Valve Adjusting screw  
Locknut  
Spring  
Spring Header  
Fibre Washer

### SPARES

Items we recommend as spares are indicated\*  
When ordering spares please quote pump size and the pump serial number usually stamped in position 'X'.

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