

G: Gear type pump range

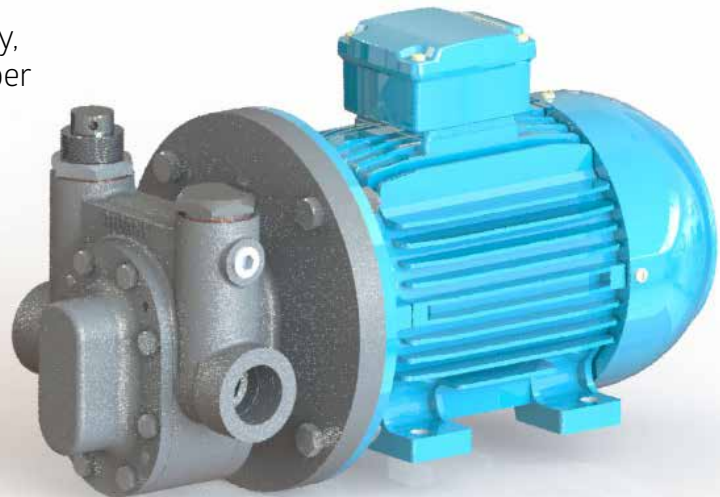
G: V Style:



Materials: **CI** | **CS** | **GM**

Compact pumps

The GV range is a direct drive design ideal for cooling applications normally with a three phase TEFV motor (EExd motors also available). This means that the pump is built directly onto a special motor drive shaft resulting in a compact design. Typical applications include machine tools, sprayers, packaging machinery, bottle washing, de-icing, damp proofing, timber treatment, oil and solvent recycling, fuel oil systems, pressure testing, processing, de-greasing, general circulation, lubrication and transfer duties. Pumps can be supplied as a single unit or as a Duplex pump set.



Albany's 24-page brochure is available as a download at www.albany-pumps.co.uk



Maximum working pressure 15 barg	Pump size range 1/4" - 1 1/2"	Maximum temperature 80°C (120°C special)	Flow rate 6.0-217 L/min
---	--------------------------------------	---	--------------------------------

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
 Yellow General and Chemical | Dark Blue Bitumen | Orange Fire | Teal Dispenser Machines | Green Food Industry | Yellow Lubrication | Teal Marine | Purple Oil & Gas | Blue Refrigeration | Orange Sugar

www.albany-pumps.co.uk +44 (0) 1594 842 275

Head Office and Manufacturing Centre

Albany Engineering Company Ltd
 Church Road, Lydney
 Gloucestershire, GL15 5EQ
 United Kingdom

t: +44 (0) 1594 842 275
 Head Office Option 1

e: salesdept@albany-pumps.co.uk

Service and Repair Centre

Albany Engineering Company Ltd
 Richter Works, Garnett Street
 Bradford BD3 9HB
 United Kingdom

t: +44 (0) 1594 842 275
 Service and Repair (Option 2).

e: servicedept@albany-pumps.co.uk

PERFORMANCE – powers and flows typical for 3.5 BARg

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

Temperature:

Maximum temperature of the pumped liquid is usually 80°C. Higher temperatures to 120°C can be accommodated to special order.

Maximum oil viscosity:

Units will accommodate viscosities up to 750 cst under certain conditions a viscosity of up to 1000 cst can be accommodated - please refer to Albany, also refer for liquids with viscosities less than 30 cst.

DON'T FORGET, THESE PUMPS CAN BE TANK TOP MOUNTED TO COMPLY WITH API 614



Maximum working pressure 15 barg	Pump size range 1/4" - 1/2"	Maximum temperature 80°C (120°C special)	Flow rate 6.0-217 L/min
---	-----------------------------	---	--------------------------------