

Foam Proportioning

Gear Pumps for Foam Proportioning



Description

- Foam concentrate injection pumps
- Foam transfer pumps

A wide range of types and sizes of gear and centrifugal pumps are available, with many drive and mounting options. Albany's engineering expertise includes a high level of customisation, ensuring that pumps can be supplied to meet users' needs exactly. Pumps are fitted with an integral safety relief valve.



Materials of Construction

Pump Casting: Gunmetal. Flanges to ASA or DIN standards, Screwed NPT branches.

Rotors: Phosphor Bronze

Shafts: Stainless steel 316 with options of hard coatings and pressure balance.

Bearings: Self-lubricated based on PTFE or Carbon.

Relief Valve: Mounted in the pump body for internal circulation. Valve with external relief can be supplied.

Gland & Seals: Standard with packed glands. John Crane mechanical seals (or PTFE lip seals) may be offered as an alternative. An internal pressure relief system reduces pressure in the gland and seal area.

Reversible: Gear pumps can run in either direction (water driven Pelton wheel pump sets are built for one direction of rotation only).

Performance Data

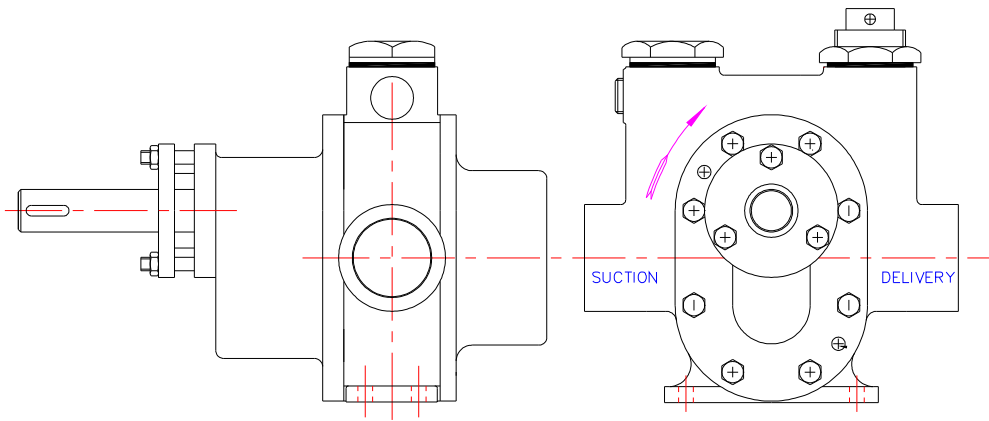
Mode Number	1,600 kPa Pressure		2,000 kPa Pressure		Connection Sizes	Nominal rpm
	Flow (lpm)	kW	Flow (lpm)	kW		
GP1	62	3	59	3.6	¾" BSP F	1420
GP2	86	5	81	5.8	1" BSP F	1420
GP3	154	7.1	151	8.9	1¼" BSP F	1420
GP4	190	11.2	185	12.5	1½" BSP F	1420
GP5	255	13.4	240	16.1	2" Flanged	1420

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GP6	300	17.9	275	21.5	2" Flanged	1420
GP7	390	23.3	365	32.2	2½" Flanged	1420
GP8	320	21.5	270	35	2½" Flanged	960
GP9	520	32.2	490	40	3" Flanged	960
GP10	820	44	770	75	4" Flanged	960
GP11	940	53.7	890	67	4" Flanged	960



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