

maag

 industrial
pumps

Part of Pump Solutions Group

A  DOVER™ COMPANY

G Series
Internal Gear Pumps



Where Innovation Flows

www.maag.com

G Series Internal Gear PUMPS

A Universal Workhorse with Unprecedented Speed!

Maag, part of Dover Corporation's Pump Solutions Group (PSG®), is a leading global provider of innovative, high-quality industrial gear pumps for the safe and efficient transfer of liquids. Maag is proud to offer the G Series. This durable, flexible and efficient positive displacement gear pump excels in challenging applications. It is reliable, durable and capable of overcoming your most difficult fluid-transfer needs. Engineered with the pump user in-mind, G Series pumps are ideally suited for applications requiring a pump that can move thin fluids, as well as transferring very demanding viscous liquids.

Our world-class distributor network ensures that you will have access to the pump you need when you need it. We are devoted to your business's success servicing your needs with world-class products, delivery and best-in-class expertise. G Series combines all of this while offering some of the shortest gear pump lead times in the industry. Put us to the test today and contact your local distributor at www.maag.com.

Quality • Speed of Delivery • Interchangeability

G Series Pumps are Ideally Suited For...

- Chemical processing
- Petrochemicals
- Soaps and detergents
- Paints, coatings and adhesives
- Inks and pigments
- Rubbers and plastics
- Resins
- Polyurethane foam
- Food and beverage
- Chocolate
- Oilseed
- Pharmaceuticals
- Personal care products
- Textile manufacturing
- Fire retardants
- Asphalt
- Petroleum refining
- Petroleum distribution
- Oil and gas
- Lubricating grease and oil
- Construction
- Roofing materials
- Hot oils
- Hydraulic oils
- Heat-transfer fluids
- Glycol
- Automotive
- Pulp and paper
- Mining
- Water/wastewater treatment

G Series Applications

G Series pumps are excellent for transferring high-viscosity fluids and are designed with only two moving parts. This pump operates equally well in both directions and provides a positive, non-pulsating flow. Easy to maintain and user-friendly with a single adjustment end-clearance, and an enlarged bearing housing at the rear end of the pump that provides easy drive-end access to the shaft seal and single-point end-clearance adjustment. The pump casing also revolves to allow for multiple inlet and outlet positioning. The G Series pump has a flexible design and can be customized for your specific needs.



G Series Baseplate Systems

G Series pump baseplate systems are designed to minimize deflection and vibration to maximize the life of the pump, motor and gear reducer. In addition, they are designed for easy and accurate shaft alignment.





Interchangeability Allows Simple and Easy Upgrading with Minimal Installation Costs.

G Series pumps have been designed to be interchangeable with up to 95% of the internal gear pumps that are currently available in the market. No changes needed to piping, driver, coupling, flow rates or baseplates.

As an added benefit, G Series pumps and spare parts are designed to be direct replacements for Viking® H, HL, K, KK, L, LQ and LL internal gear pump models.



Sizes Available

Model	Port Size
G1-2	1-1/2" NPT
G1-4	1-1/2" NPT
G1-24	2" NPT
G1-32	2" NPT
G1-55	2" NPT or 2-1/2" ANSI
G1-69	3" ANSI

G Series Performance & Technical Information:

Pump Selection Performance Criteria

Model	Nominal Pump Rating		Max. Discharge Pressure	Temperature Range	
	rpm	m ³ /hr (gpm)	bar (psig)	Celsius	Fahrenheit
G1-2	1,800	3.4 (15)	13.8 (200)	-51° to 343°	-60° to 650°
G1-4	1,800	6.8 (30)	13.8 (200)	-51° to 343°	-60° to 650°
G1-24	780	17.0 (75)	13.8 (200)	-51° to 343°	-60° to 650°
G1-32	780	22.7 (100)	13.8 (200)	-51° to 343°	-60° to 650°
G1-55	640	30.7 (135)	13.8 (200)	-51° to 343°	-60° to 650°
G1-69	520	31.8 (140)	13.8 (200)	-51° to 343°	-60° to 650°

Temperature: Pumps requiring temperatures greater than 107°C (225°F) require increased pump clearances. If you do require temperatures greater than 107°C (225°F) please contact factory.

Viscosity: G Series pumps are capable of pumping viscosities up to 440,000 cSt.

Model Cross-Reference

G Series Model	EnviroGear®	Viking®	Tuthill®	Gorman-Rupp®
G1-2	E1-2	H	015	CG
G1-4	E1-4	HL	030	GH
G1-24	E1-24	K	120	NK
G1-32	E1-21	KK	130	NM
G1-55	E1-55	L & LQ	200	RM
G1-69	E1-69	LL	210	RP

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PSG Brands

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22069 Van Buren Street
Grand Terrace, CA 92313-5651
T: 909-422-1731 • F: 909-783-3440
www.maag.com

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