



G3™ 电动润滑泵

用于递进式系统和基于加注器的系统



质量优异 技术领先

PROVEN QUALITY. LEADING TECHNOLOGY.

创新设计带来卓越性能

内部探究 – 眼见为实，值得信赖

每一个 G3 泵的设计都以在现实应用条件下提供高性能作为宗旨。无论润滑脂类型更替、温度变化还是安装要求错综复杂，G3 皆可从容应对挑战。



先进的流体动力

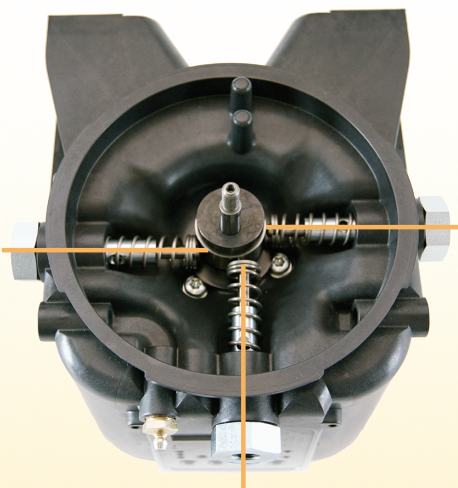
G3 基座主体采用特殊轮廓，可将润滑脂直接引导至泵入口。消除了锐边和尖角，大大缩小了滞流面积。

- 处理 NLGI 2 号润滑脂表现出色
- 低温条件下，运行性能良好
- 减少了易于积聚皂类和润滑脂填料的位置，有助于防止润滑脂分离

行程可调的泵

输出可调是 G3 出厂时的标准配置。该泵采用向前直行程设计，通过添加或去除行程调节垫片即可实现泵排量的增减。

- 无需为特殊润滑要求添置固定输出泵的不同尺寸组件
- 无需另购昂贵的输出可调的泵，G3 自身即已标配可调功能！



负载驱动极小

各 G3 活塞泵组件与主电机轴都处于偏置位置，因此只需通过电机和传动机构的较小压力和张力即可获得极高输出。

- 延长了组件在恶劣应用条件下的使用寿命
- 偏置设计减少了泵活塞侧向负荷及由此造成的过早磨损

精巧泵体，强大特性

G3 电动润滑泵

G3 润滑泵设计灵活，内含可调节泵组件，能够与递进式系统和基于加注器的系统结合使用，结构坚固、经济高效，旨在满足多种市场和应用需求。提供三种控制选择，更为出色地适应润滑系统设置、操作和故障排除相关要求。采用 G3 设备可立即延长机器寿命、降低运营成本、提高生产效率！



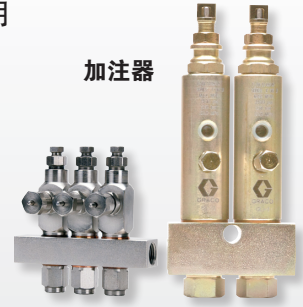
合二为一的多样性

- 可将同一台泵与递进式系统或基于加注器的系统结合使用，或与两者同时结合使用

递进式



加注器



强力泵送性能

- G3 处理 NLGI 2 号润滑脂的输送压力高达 5100 psi (352 bar) (甚至在低温条件下)

提供两种可选储脂装置类型

- 带有刮臂的搅拌板可消除气体，有助于防止润滑脂分离
- 压油盘设计可用于 G3 在任何方位的安装和操作；同时包含有助于防止润滑脂分离的搅拌板

单泵、双泵或三泵组件

- 单泵设置为 G3 出厂时的标准配置
- 对于大型项目中的大输出应用可增加两个泵组件

G3 可任意选择 AC 或 DC 电源

- 可灵活连接 DC (12 或 24v) 和 AC (90-240v) 电源，采用 CPC 和 DIN 型连接器



IP69K

业界领先的控制装置

标准型、Pro 型和 Max 型

根据递进式系统或基于加注器的系统要求来选择相应的控制等级。



G3 标准型

- 无内部控制装置，与独立控制装置或现有机器控制装置结合使用，用于低成本解决方案
- 能够向外部控制装置或 PLC 发送低液位信号



G3 Pro 型

- 内置带有可选开/关计时器的控制装置
- 低液位指示器用于提供低液位警告和关机报警
- 按需启用手动运行装置（同时提供远程遥控选项）
- 密码保护可保证设置安全
- 预润滑功能在设备启动时启用润滑循环



G3 Max 型

- 内置带有可选开/关计时器等功能的控制装置
- 低液位指示器用于提供低液位警告和关机报警
- 按需启用手动运行装置（同时提供远程遥控选项）
- 密码保护可保证设置安全
- 预润滑功能在设备启动时启用润滑循环
- 多达三个压力或循环开关切换输入，确保使用适当的润滑循环
- 根据定制装置及反馈切换混合/匹配循环和压力
- 采用机器计数输入，完全适合不连续操作的设备
- 可在控制室或您需要的其他区域提供故障报警

G3 Max 功能一览

- ① 易于读数的 LED 显示屏
- ② 清晰易辨的开/关指示
- ③ 监控多达三个独立区域
- ④ 可编程机器计数功能
- ⑤ 润滑系统关机报警信号
- ⑥ 润滑系统关机前的预警信号
- ⑦ 低液位指示
- ⑧ 控制装置访问受密码保护
- ⑨ 预润滑功能
- ⑩ 易于使用的导航键



技术规格

最高压力5100 psi (352 bar)
 电源12 VDC, 24 VDC, 90-240 VAC
 工作温度-13 至 158 °F (-25 至 70 °C)
 储脂装置尺寸2 升
 各组件每分钟可调节的泵输出量...0.12 in³,
 0.18 in³, 0.25 in³ (2 cm³, 3 cm³, 4 cm³)
 润滑类型 NLGI 2号及以下等级的各类润滑脂
 认证/评定 CE, ETL, IP69K*
 技术手册 3A0414
 *符合 UL 73, CSA 22.2 No. 68-09 认证

G3™ 订购信息



G3 Standard

Comes standard with no controller for use with separate or existing machine control for a low cost solution. Capable of sending a low level signal to your external controller or PLC

	Reservoir Size	Part Number	Voltage	Wiper Arm	Follower Plate	External Low Level	Power Connection	
Grease	2 liter	96G000	12 VDC	X			CPC	
		96G003	12 VDC	X		X	CPC	
		96G001	24 VDC	X			CPC	
		96G005	24 VDC	X		X	CPC	
		96G006	24 VDC			X	X	CPC
		96G002	90-240 VAC	X				DIN
		96G007	90-240 VAC	X			X	DIN
		96G008	90-240 VAC			X	X	DIN
	4 liter	96G038	12 VDC	X				CPC
		96G044	12 VDC	X			X	CPC
		96G040	24 VDC	X				CPC
		96G048	24 VDC	X			X	CPC
		96G053	24 VDC			X	X	CPC
		96G042	90-240 VAC	X				DIN
		96G055	90-240 VAC	X			X	DIN
		96G062	90-240 VAC			X	X	DIN
	8 liter	96G039	12 VDC	X				CPC
		96G045	12 VDC	X			X	CPC
		96G049	24 VDC	X			X	CPC
		96G041	24 VDC	X				CPC
		96G043	90-240 VAC	X				DIN
		96G056	90-240 VAC	X			X	DIN
	12 liter	96G057	90-240 VAC	X			X	DIN
	16 liter	96G058	90-240 VAC	X			X	DIN
Oil	2 liter	96G050	24 VDC	X		X	CPC	
		96G059	90-240 VAC	X		X	DIN	
	4 liter	90G051	24 VDC	X			X	CPC
		96G060	90-240 VAC	X			X	DIN
	8 liter	96G052	24 VDC	X			X	CPC
		96G061	90-240 VAC	X			X	DIN

G3™ 订购信息



G3 Pro

Built-in controller with selectable pump on/pump off timer has low level indicator providing low warning and shut-down alarm. Comes with manual run and password protection with pre-lube function to initiate lube cycle on start-up.

Reservoir Size	Part Number	Voltage	Manual Run	Wiper Arm	Follower Plate	External Low Level	Power Connection	
Grease	2 liter	96G027	12 VDC		X		CPC	
		96G033	12 VDC	A	X		A	CPC-5 Pin
		96G028	24 VDC		X			CPC
		96G011	24 VDC	X	X		X	CPC
		96G012	24 VDC	X		X	X	CPC
		96G034	24 VDC	A	X		A	CPC-5 Pin
		96G029	90-240 VAC		X			DIN
		96G013	90-240 VAC		X		X	DIN
	96G014	90-240 VAC			X	X	DIN	
	4 liter	96G135	12 VDC		X			CPC
		96G147	12 VDC	A	X		A	CPC-5 Pin
		96G137	24 VDC		X			CPC
		96G068	24 VDC	X	X		X	CPC
		96G073	24 VDC	X		X	X	CPC
		96G149	24 VDC	A	X		A	CPC-5 Pin
		96G139	90-240 VAC		X			DIN
96G075		90-240 VAC		X		X	DIN	
96G082	90-240 VAC			X	X	DIN		
8 liter	96G136	12 VDC		X			CPC	
	96G148	12 VDC	A	X		A	CPC-5 Pin	
	96G138	24 VDC		X			CPC	
	96G069	24 VDC	X	X		X	CPC	
	96G150	24 VDC	A	X		A	CPC-5 Pin	
	96G140	90-240 VAC		X			DIN	
	96G158	24 VDC	A	X		A	CPC-5 Pin	
	96G076	90-240 VAC		X		X	DIN	
12 liter	96G163	24 VDC	A	X		A	CPC-5 Pin	
	96G077	90-240 VAC		X		X	DIN	
16 liter	96G167	24 VDC	A	X		A	CPC-5 Pin	
	96G078	90-240 VAC		X		X	DIN	
Oil	2 liter	96G070	24 VDC	X	X		X	CPC
		96G079	90-240 VAC		X		X	DIN
	4 liter	96G071	24 VDC	X	X		X	CPC
		96G080	90-240 VAC		X		X	DIN
	8 liter	96G072	24 VDC	X	X		X	CPC
		96G081	90-240 VAC		X		X	DIN

A = On these Pro Control models the remote manual run input, remote low level warning output and power are combined in the CPC-5 Pin connector and cord.

G3™ 订购信息



G3 Max

Built-in controller with selectable pump on/pump off timer has low warning and shut-down alarm or set up faults to an external alarm. Comes with manual run and password protection with pre-lube function to initiate lube cycle on start-up. Mix and match up to three cycle and pressure switches for custom installations and feedback. Machine count input is ideally suited for inconsistently used equipment. Optional Data Management System™ (DMS) uses a common USB port to quickly configure, store and transfer error log history to Excel® or Notepad® for longer equipment life and performance.

Reservoir Size	Part Number	Voltage	# of Cycle/ Press. Input	Machine Count	Vent Valve Output*	Alarm Output	Manual Run	Wiper Arm	Follower Plate	External Low Level	Power Connection
2 liter	96G030	12 VDC	1					X		X	CPC
	96G021	12 VDC	1-3	X	X	X	X	X		X	DIN
	96G035	12 VDC	1		X	A	A	X		A	CPC-5 Pin
	96G031	24 VDC	1					X		X	CPC
	96G017	24 VDC	1		X		X	X		X	CPC
	96G018	24 VDC	1		X		X		X	X	CPC
	96G036	24 VDC	1		X	A	A	X		A	CPC-5 Pin
	96G023	24 VDC	1-3	X	X	X	X	X		X	DIN
	96G024	24 VDC	1-3	X	X	X	X		X	X	DIN
	96G032	90-240 VAC	1					X		X	DIN
	96G019	90-240 VAC	1			X		X		X	DIN
	96G020	90-240 VAC	1			X			X	X	DIN
	96G025	90-240 VAC	1-3	X	X	X	X	X		X	DIN
	96G026	90-240 VAC	1-3	X	X	X	X		X	X	DIN
96G037	90-240 VAC	1			X		X		X	DIN	
4 liter	96G141	12 VDC	1					X		X	CPC
	96G159	12 VDC	1	X		A	A	X		A	CPC-5 Pin
	96G151	12 VDC	1		X	A	A	X		A	CPC-5 Pin
	96G096	12 VDC	1-3	X	X	X	X	X		X	DIN
	96G143	24 VDC	1					X		X	CPC
	96G088	24 VDC	1		X		X	X		X	CPC
	96G090	24 VDC	1		X		X		X	X	CPC
	96G160	24 VDC	1	X		A	A	X		A	CPC-5 Pin
	96G155	24 VDC	1		X	A	A	X		A	CPC-5 Pin
	96G103	24 VDC	1-3	X	X	X	X	X		X	DIN
	96G113	24 VDC	1-3	X	X	X	X		X	X	DIN
	96G145	90-240 VAC	1					X		X	DIN
	96G092	90-240 VAC	1			X		X		X	DIN
	96G094	90-240 VAC	1			X			X	X	DIN
96G118	90-240 VAC	1-3	X	X	X	X	X		X	DIN	
96G128	90-240 VAC	1-3	X	X	X	X		X	X	DIN	
8 liter	96G142	12 VDC	1					X		X	CPC
	96G152	12 VDC	1		X	A	A	X		A	CPC-5 Pin
	96G097	12 VDC	1-3	X	X	X	X	X		X	DIN
	96G144	24 VDC	1					X		X	CPC
	96G089	24 VDC	1		X		X	X		X	CPC
	96G156	24 VDC	1		X	A	A	X		A	CPC-5 Pin
	96G104	24 VDC	1-3	X	X	X	X	X		X	DIN
	96G093	90-240 VAC	1		X			X		X	DIN
	96G146	90-240 VAC	1					X		X	DIN
96G119	90-240 VAC	1-3	X	X	X	X	X		X	DIN	
12 liter	96G164	24 VDC	1		X	A	A	X		A	CPC-5 Pin
	96G105	24 VDC	1-3	X	X	X	X	X		X	DIN
	96G120	90-240 VAC	1-3	X	X	X	X	X		X	DIN
16 liter	96G168	24 VDC	1		X	A	A	X		A	CPC-5 Pin
	96G106	24 VDC	1-3	X	X	X	X	X		X	DIN
	96G166	90-240 VAC	1		X			X		X	DIN
	96G121	90-240 VAC	1-3	X	X	X	X	X		X	DIN

*Requires purchase of a vent valve kit

A = On these Max Control models the remote manual run button input, remote alarm output, remote low level output and power are combined in the CPC-5 Pin connector and cord.

	Reservoir Size	Part Number	Voltage	# of Cycle/ Press. Input	Machine Count	Vent Valve Output*	Alarm Output	Manual Run	Wiper Arm	Follower Plate	External Low Level	Power Connection
Oil	2 liter	96G107	24 VDC	1-3	X	X	X	X	X		X	DIN
		96G122	90-240 VAC	1-3	X	X	X	X	X		X	DIN
	4 liter	96G108	24 VDC	1-3	X	X	X	X	X		X	DIN
		96G123	90-240 VAC	1-3	X	X	X	X	X		X	DIN
	8 liter	96G109	24 VDC	1-3	X	X	X	X	X		X	DIN
		96G124	90-240 VAC	1-3	X	X	X	X	X		X	DIN

*Requires purchase of a vent valve kit

A = On these Max Control models the remote manual run button input, remote alarm output, remote low level output and power are combined in the CPC-5 Pin connector and cord.

G3 Max with Data Management System

	Reservoir Size	Part Number	Voltage	# of Cycle/ Press. Input	Machine Count	Vent Valve Output*	Alarm Output	Manual Run	Wiper Arm	Follower Plate	External Low Level	Power Connection
Grease	2 liter	96G098	12 VDC	1-2	X	X	X	X	X		X	DIN
		96G110	24 VDC	1-2	X	X	X	X	X		X	DIN
		96G115	24 VDC	1-2	X	X	X	X		X	X	DIN
		96G125	90-240 VAC	1-2	X	X	X	X	X		X	DIN
		96G132	90-240 VAC	1-2	X	X	X	X		X	X	DIN
	4 liter	96G161	12 VDC	1	X		A	A	X		A	CPC-5 Pin
		96G153	12 VDC	1			X	A	A	X	A	CPC-5 Pin
		96G099	12 VDC	1-2	X	X	X	X	X		X	DIN
		96G162	24 VDC	1	X		A	A	X		A	CPC-5 Pin
		96G157	24 VDC	1			X	A	A	X	A	CPC-5 Pin
		96G111	24 VDC	1-2	X	X	X	X	X		X	DIN
		96G116	24 VDC	1-2	X	X	X	X		X	X	DIN
		96G126	90-240 VAC	1-2	X	X	X	X	X		X	DIN
	8 liter	96G133	90-240 VAC	1-2	X	X	X	X		X	X	DIN
		96G154	12 VDC	1			X	A	A	X	A	CPC-5 Pin
		96G100	12 VDC	1-2	X	X	X	X	X		X	DIN
		96G158	24 VDC	1			X	A	A	X	X	CPC-5 Pin
		96G112	24 VDC	1-2	X	X	X	X	X		X	DIN
	12 liter	96G127	90-240 VAC	1-2	X	X	X	X	X		X	DIN
		96G165	24 VDC	1			X	A	A	X	A	CPC-5 Pin
16 liter	96G169	24 VDC	1			X	A	A	X	A	CPC-5 Pin	

*Requires purchase of a vent valve kit

A = On these Max Control models the remote manual run button input, remote alarm output, remote low level output and power are combined in the CPC-5 Pin connector and cord.

G3 Accessories

571041	G3 Pump Element Kit – adjustable output	571030	Remote Manual Run/Monitoring Light – 12 VDC	563160	Pressure Relief Valve – 2500 psi, 172 bar
571063	Two Pump Union Kit – joins the output of the left and right pumps	571032	Remote Manual Run/Monitoring Light Kit – 12 VDC, includes cable	563161	Pressure Relief Valve – 3000 psi, 207 bar
571026	Three Pump Union Kit – joins the output of the left and right pumps	571031	Remote Manual Run/Monitoring Light – 24 VDC, 90-240 VAC	124300	Cable – 16 ft, male M12 to flying leads
571061	Vent Valve Kit – 12 VDC, vent valve, adjustable pressure relief, 500-3500 psi (35-241 bar), pressure gauge, zerk fitting	571033	Remote Manual Monitoring Light Run Kit – 24 VDC, 90-240 VAC, includes cable	124333	Cable – 16 ft, male and female M12
571029	Vent Valve Kit – 24 VDC, vent valve, adjustable pressure relief, 500-3500 psi (35-241 bar), pressure gauge, zerk fitting, (also for G3 Max Control AC Pumps)	571058	Pressure Relief-to-Atmosphere Kit – requires pressure relief valve	124640	Alarm Output Cable
		563156	Pressure Relief Valve – 750 psi, 52 bar	124301	M12 Female Connector – 6-8 mm cable
571028	Adjustable Return-to-Reservoir Pressure Relief Kit – 500-3500 psi (35-241 bar)	563157	Pressure Relief Valve – 1000 psi, 69 bar	124594	M12 Male Connector – 6-8 mm cable
		563158	Pressure Relief Valve – 1500 psi, 103 bar	124595	M12 Male Connector – 8-11 mm cable
571036	Protective Front Cover Kit	563159	Pressure Relief Valve – 2000 psi, 138 bar	563485	Proximity Switch
				557829	Pressure Switch

如需了解固瑞克润滑设备产品信息，
请发邮件至 info_APLube@graco.com
咨询或登陆公司网站 www.graco.com 查询。

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