

# Compact Series Progressive Valves



## Graco Quality in a Compact Package

Compact Series Progressive (CSP) valve with broad market versatility. Combine with field-proven G-Series pumps for a complete system solution.



# Graco Compact Series Progressive Example System Designs

- 1 Select the Graco G-Series Pump which suits your power, feedback, and fluid capacity requirements.
- 2 Determine your hose, tube, and fitting requirements between the pump and CSP Valve. System-specific pressure relief also requires specification – for options, refer to the Graco Industrial Lubrication Equipment Buyer's Guide at [www.graco.com](http://www.graco.com).
- 3 Select the CSP Valve which fulfills your system outlet requirements.
- 4 Determine your hose, tube, and fitting requirements between the CSP Valve and lube points.

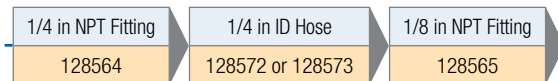
## 1 Rugged and Reliable Graco G-Series Pump Family



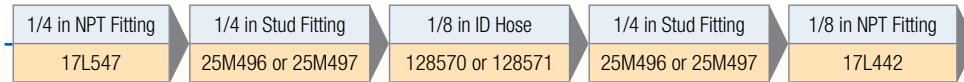
### 1/8 in ID Hose, NPT Fittings



### 1/4 in ID Hose, NPT Fittings



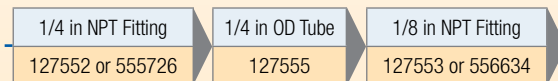
### 1/8 in ID Hose, G-Lock Push-To-Connect (PTC) Fittings



### 1/4 in OD Tube, Push-To-Connect (PTC) Fittings



### 1/4 in OD Tube, Compression Fittings



## 3 CSP Valves without Indicator

Part Number	Description
24Z486	6 outlet, 1/8 in NPT inlet
24Z487	8 outlet, 1/8 in NPT inlet
24Z488	10 outlet, 1/8 in NPT inlet
24Z489	12 outlet, 1/8 in NPT inlet
24Z490	14 outlet, 1/8 in NPT inlet
24Z491	16 outlet, 1/8 in NPT inlet
24Z492	18 outlet, 1/8 in NPT inlet
24Z493	20 outlet, 1/8 in NPT inlet
24Z494	22 outlet, 1/8 in NPT inlet

## 3 CSP Valves with Indicator

Part Number	Description
24Z504	6 outlet, 1/8 in NPT inlet, indicator
24Z505	8 outlet, 1/8 in NPT inlet, indicator
24Z506	10 outlet, 1/8 in NPT inlet, indicator
24Z507	12 outlet, 1/8 in NPT inlet, indicator
24Z508	14 outlet, 1/8 in NPT inlet, indicator
24Z509	16 outlet, 1/8 in NPT inlet, indicator
24Z510	18 outlet, 1/8 in NPT inlet, indicator
24Z511	20 outlet, 1/8 in NPT inlet, indicator
24Z512	22 outlet, 1/8 in NPT inlet, indicator

CSP Valves are also available with 1/8 in BSPP inlets. Refer to the Graco Industrial Lubrication Equipment Buyer's Guide at [www.graco.com](http://www.graco.com).

## Multiple Reservoir Sizes

Choice of 2, 4, 8, 12, or 16 liter U.V.-resistant, high-impact reservoirs for oil and grease to meet the needs of your equipment

## Power Choices

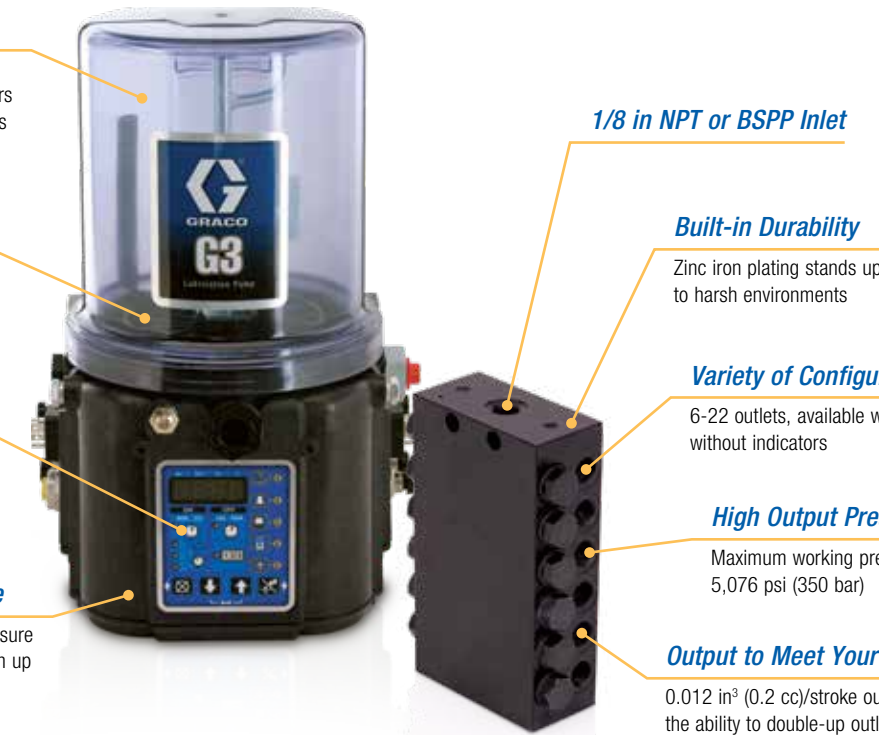
Connect to DC (12V or 24V) and AC (90-240V) power sources with CPC or DIN-style connectors for easy, no hassle installations

## Multiple Controller and Pump Options

Extensive choices within the G-Series Pump family allow you to fit your application requirements

## Variable Pressure

Maximum working pressure of 5100 psi (352 bar) in up to NLGI #2 grease



1/8 in NPT or BSPP Inlet

## Built-in Durability

Zinc iron plating stands up to harsh environments

## Variety of Configurations

6-22 outlets, available with or without indicators

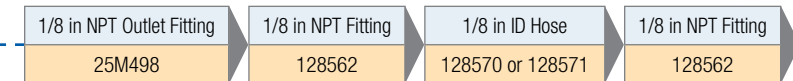
## High Output Pressure

Maximum working pressure of 5,076 psi (350 bar)

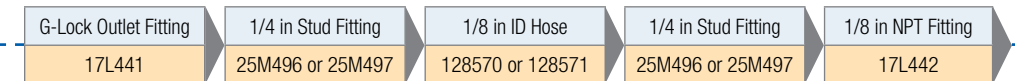
## Output to Meet Your Needs

0.012 in<sup>3</sup> (0.2 cc)/stroke output with the ability to double-up outlets if greater output is required

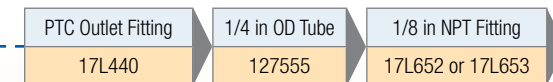
## 1/8 in ID Hose, NPT Fittings



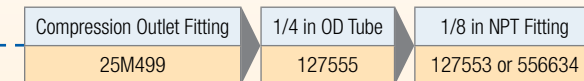
## 1/8 in ID Hose, G-Lock Push-To-Connect (PTC) Fittings



## 1/4 in OD Tube, Push-To-Connect (PTC) Fittings



## 1/4 in OD Tube, Compression Fittings



## Lube Points (LP)

Depending on your system requirements, lube points will vary in quantity and size.





## Graco G3 SP Pump

The G3 SP (Series Progressive) combines the robust, proven design of our G-Series pumps with simple programming and valuable system feedback. The only programming requirements are number of cycles and off time between lube events.

Voltage	Reservoir Size			
	2 liters	4 liters	8 liters	12 liters
12 VDC	96G221	96G222	–	–
24 VDC	96G223	96G224	96G225	96G226
90-240 VAC	96G227	96G228	–	–

Note: G3 SP pumps for use in series progressive systems only and require proximity switch.

## G-Lock Push-To-Connect (PTC) Fittings

For use with 1/8 in ID hose only

	Part Number	Description
	17L441	1/4 in stud PTC, M10, CSP outlet
	25M496	90 degree 1/4 in field-installable stud
	25M497	Straight 1/4 in field-installable stud
	17L442	1/4 in stud PTC with male 1/8 in NPT, inlet or LP
	17L547	1/4 in stud PTC with male 1/4 in NPT, pump outlet

## Nylon Tube Push-To-Connect (PTC) Fittings

For use with 1/4 in OD nylon tube

	Part Number	Description
	17L440	1/4 in OD nylon tube PTC, M10, CSP outlet
	17L652	90 degree 1/4 in OD nylon tube PTC, male 1/8 in NPT, inlet or LP
	17L653	Straight 1/4 in OD nylon tube PTC, male 1/8 in NPT, inlet or LP

## CSP Outlet Fittings

	Part Number	Description
	25M498	1/8 in NPT female with check, M10
	25M499	1/4 in compression with check, M10

## Accessories

Part Number	Description
17L651	Doubling plug
17L879	Proximity switch – M12
25M602	Proximity switch cable – 16.5 ft (5 m) M12, female on one end and flying leads on other end
25M603	Proximity switch cable – 16.5 ft (5 m) M12, male by female
124594	M12 4-pin male connector for 6-8 mm cable. Use with 25M602.
25E935	Acrylic CSP Demo Kit

## 1/4 in ID Hoses and Accessories

Part Number	Description
128572	Hose, 1/4 in ID, 2,750 PSI, 100 ft, braided with polyurethane cover
128573	Hose, 1/4 in ID, 2,750 PSI, 125 ft, braided with polyurethane cover
128582	Hose guard, 1/2 in ID, 100 ft
128563	Field-installable swivel hose end fitting, 1/4 in ID hose, #4 JIC, SAE 7/16-20 female
128564	Field-installable swivel hose end fitting, 1/4 in ID Hose, 1/4 in NPT male
128565	Field-installable swivel hose end fitting, 1/4 in ID Hose, 1/8 in NPT male

## 1/8 in ID Hoses and Accessories

Part Number	Description
128570	Hose, 1/8 in ID, 3,000 PSI, 200 ft, braided with polyurethane cover
128571	Hose, 1/8 in ID, 3,000 PSI, 400 ft, braided with polyurethane cover
128579	Hose guard, 3/8 in ID, 160 ft
128580	Hose guard, 3/8 in ID, 320 ft
128561	Field-installable swivel hose end fitting, 1/8 in ID hose, #4 JIC, SAE 7/16-20 female
128562	Field-installable swivel hose end fitting, 1/8 in ID hose, 1/8 in NPT male

## 1/4 in OD Tubing and Additional Fittings

Part Number	Description
127555	Tubing, 1/4 in OD, 625 PSI, 100 ft
127552	1/4 in tube x 1/4 in NPT straight compression fitting
555726	1/4 in tube x 1/4 in NPT elbow compression fitting
127553	1/4 in tube x 1/8 in NPT straight compression fitting
556634	1/4 in tube x 1/8 in NPT elbow compression fitting

## Weld Stud Accessories

Part Number	Description
25N730	CSP weld bar kit
26A478	Weld stud kit
26A479	Weld stud template

**For a complete list of pumps, pressure reliefs, valves, hoses, tubes, fittings, adapters, and accessories, refer to the Graco Industrial Lubrication Equipment Buyer's Guide at [www.graco.com](http://www.graco.com).**

## Contact us today!

To receive product information or talk with a Graco representative, call 800-533-9655 or visit us online at [www.graco.com](http://www.graco.com).

