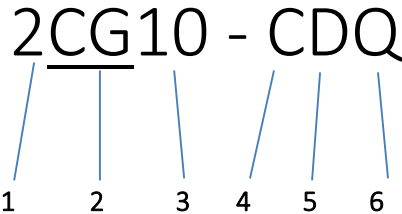




CG Model Number Nomenclature:

Materials used in the pumps are based on the fluid to be handled and are indicated in the model number nomenclature.



- (1): Indicates the number of stages for the rotor and stator
- (2): Indicates the pump model designation (CL, CM, CG Model)
- (3): Indicates the size of the rotor and stator
- (4): Indicates the pump body casting material
- (5): Indicates the rotor and internal parts material
- (6): Indicates the stator material

Continental Part Description	Continental Letter Designation	Part Materials
Pump Body	C	Cast Iron
	S	316 Stainless Steel (CF8M)
Rotor	D	Chrome Plated Alloy Steel
	S	Chrome Plated Stainless Steel
Stator*	Q	Buna Nitrile
	R	Natural Rubber
	B	EPDM
	F	Viton®
Internal Parts	CS	Carbon Steel
	S	Stainless Steel

*The Stator Elastomers can be furnished in either: C – Carbon Steel Sleeve or S – Stainless Steel Sleeve.

Example: QC is for Buna Nitrile Elastomer with Carbon Steel Sleeve.

Packing Sets: All sets are Formed and Cut Rings.

Teflon coated: General Service to handle are Caustics, mild acids, chemicals, solvents, oils. Temperature to 300°, pH range 2-10.

Graphite: General Service to handle are Strong caustics, acids, chemicals and high pressure steam. Temperature to 1200° in steam and 800° in oxidizing atmospheres, pH range 0-14.

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CG Model

Replacement Parts for CG10 Pump

Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Suction Body with Cleanouts	CG8/10-2C	CG10
	Bearing Housing	CL10-5C	CG10
	Flanged Reducer	CG10-10C	CG10
	Adapter Flange	CG10-12C	CG10
	Stator*	1CL10-21QC 1CL10-21BC 1CL10-21RC 1CL10-21FC	CG10
		1CL10H-21QC 1CL10H-21BC 1CL10H-21RC 1CL10H-21FC	CG10
		2CL10-21QC 2CL10-21BC 2CL10-21RC 2CL10-21FC	CG10

*Other elastomer options are available upon request

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Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Stator*	2CL10H-21QC 2CL10H-21BC 2CL10H-21RC 2CL10H-21FC	CG10
		3CL10-21QC 3CL10-21BC 3CL10-21RC 3CL10-21FC	CG10
*Other elastomer options are available upon request			
	Rotor	1CG10-22D 2CG10-22D 3CG10-22D	CG10
		1CG10H-22D 2CG10H-22D	CG10
**Undersized and Non-Plated Rotors are available upon request			
	Connecting Rod with 2 Clamp Rings (CG8/10-93)	CG8/10-25CS	CG10
	Drive Shaft	CG8/10-26CS	CG10
	Spacer (2 Required)	CG8/10-27	CG10
	Ball Bearing (Radial)	CL10-29	CG10
	Ball Bearing (Thrust)	CL10-30	CG10

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Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Bearing Spacer	CL10-33CS	CG10
	Bearing Cover Plate	CG8/10-34C	CG10
	Pump Support	CL10-37C	CG10
	Stator Support**	CL10-38C	CG10
	Packing Gland	CL10-41C	CG10
	Packing Set, Teflon Coated	CL10-42	CG10
	Packing Set, Graphite	CL10-42G	CG10
	Lantern Ring, Stainless Steel	CL10-57S	CG10
	Lantern Ring Set, Teflon	CL10-57T	CG10
	Bearing Lock Nut, Carbon Steel	CL10-58	CG10

**2 Stator Supports are required for 3CG10 and 2CG10H Pumps.

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Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Bearing Lock Washer, Carbon Steel	CL10-59	CG10
	Grease Seal (Radial)	CL10-61	CG10
	Grease Seal (Thrust)	CG8/10-62	CG10
	Grease Seal Retainer	CL10-63CS	CG10
	Packing Gland Insert	CL10-65S	CG10
	Slinger	CG8/10-77	CG10
	Adapter Gasket	CG8/10-79	CG10
	Bearing Cover Plate Gasket	CG8/10-85	CG10
	Connecting Rod Cover (2 Required)	CG8/10-87Q	CG10
	Connecting Rod Clamp Ring (2 Required)	CG8/10-93S	CG10

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Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Drive Shaft Head	CG8/10-97CS	CG10
	O Ring (2 Required)	CG8/10-110	CG10
	Rotor Head Screw (8 Required)	CG10-114	CG10
	Shaft Washer (2 Required)	CG8/10-133	CG10
	Shaft Screw (4 Required)	CG8/10-134	CG10
	Inspection Plate (2 Required)	CG8/10-173C	CG10
	Inspection Plate Gasket (2 Required)	CG8/10-174	CG10
	Connecting Rod Nut (2 Required)	CG8/10-192	CG10
	Ball Gear (2 Required)	CG8/10-195CS Not sold individually See P/N: CG8/10-195K	CG10
	Ring Gear (2 Required)	CG8/10-196CS Not sold individually See P/N: CG8/10-195K	CG10

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Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Gear Joint Shell	CG8/10-197CS	CG10
	Front Thrust Plate (2 Required)	CG8/10-198 Not sold individually See P/N: CG8/10-195K	CG10
	Rear Thrust Plate (2 Required)	CG8/10-199 Not sold individually See P/N: CG8/10-195K	CG10
	Head Ring	CG8/10-200CS	CG10
	Retainer Screw	CG8/10-201	CG10
	Shaft Keys (2 Required)	CG8/10-202CS	CG10
	Component Seal	CL10-81F	CG10
*Other elastomer options are available upon request			
	Component Seal Gland	CL10-82S	CG10
No Image Available	Cartridge Mechanical Seal	Contact Us	CG10

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Materials of Construction

All Continental Pump casting materials are Class 40# grey cast iron and CF8M (316) stainless steel. The best metal for your application would depend on how corrosive your liquid is. We offer an epoxy coating for an additional charge and can be applied to the suction housing and reducer. The epoxy seals the cast iron from the material being pumped.

Stators are available in 4 types of elastomers. The rubber materials are: Buna Nitrile, Natural Rubber, EPDM and Viton®. The rubber that is best for your application depends on what liquid you are pumping and at what temperature, as it plays a vital role in which to select.

The rotors are available in Chrome Plated Alloy Steel and Stainless Steel, but is dependent on the pH level and the corrosiveness of your liquid. In certain pH levels a non plated rotor may need to be used, as it could lift the chrome off of the rotor.

Looking for simplicity? We offer complete Progressive Cavity Pump Units. They are constructed on a steel base to fit your specific application needs. The Unit consists of a Pump, a Steel Base & Guard, a Gear Reducer and Motor. Also available are Belt Drive Units and many other base options.

Space Challenged? If you are needing a different arrangement from traditional piping, we can rotate the housing up to 270° for the CL, CM & CG Model Pumps.

Don't need a complete pumping unit but looking for drive options? We can still help, whether attached to a pump or sold separately we can supply you with Hydraulic Adapters, VFD's, Gear Boxes and Motors.

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