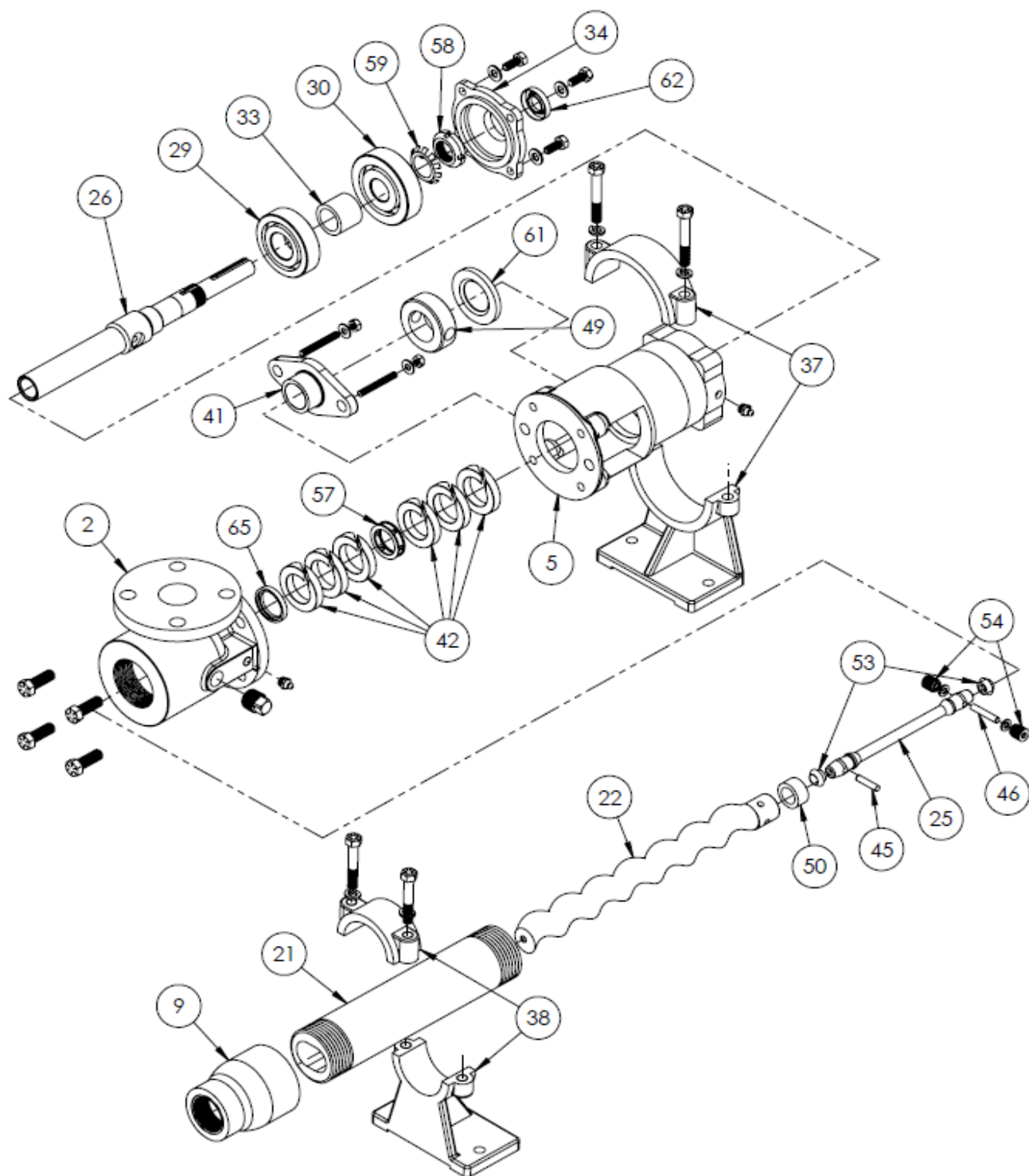




Continental Progressive Cavity Pump CL Model CL8 Pump



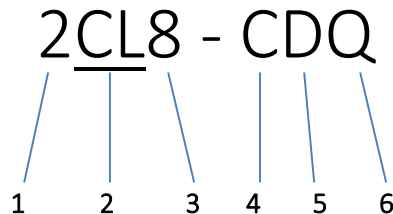
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CL Model Number Nomenclature:

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.

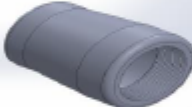
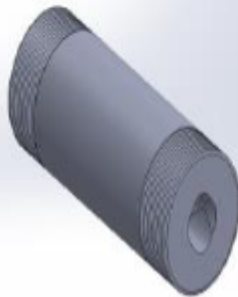
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CL Model

Replacement Parts for CL8 Pump

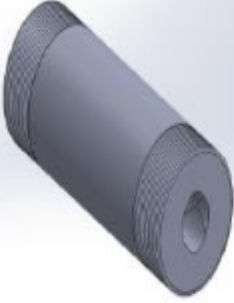
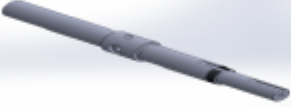
Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Suction Body	CL8-2C CL8-2S	CL8
	Bearing Housing	CL8-5C	CL8
	Reducer	CL8-9C CL8-9S	CL8
	Stator*	1CL8-21QC 1CL8-21BC 1CL8-21RC 1CL8-21FC	CL8
		2CL8-21QC 2CL8-21BC 2CL8-21RC 2CL8-21FC	CL8
		3CL8-21QC 3CL8-21BC 3CL8-21RC 3CL8-21FC	CL8

*Other elastomer options are available upon request

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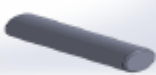


Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Stator*	1CL8-21QS 1CL8-21BS 1CL8-21RS 1CL8-21FS	CL8
		2CL8-21QS 2CL8-21BS 2CL8-21RS 2CL8-21FS	CL8
		3CL8-21QS 3CL8-21BS 3CL8-21RS 3CL8-21FS	CL8
		*Other elastomer options are available upon request	
		1CL8-22D 2CL8-22D 3CL8-22D	CL8
		1CL8-22S 2CL8-22S 3CL8-22S	CL8
		**Undersized and Non-Plated Rotors are available upon request	
	Connecting Rod	CL8-25CS CL8-25S	CL8
	Drive Shaft	CL8-26CS CL8-26S	CL8
	Ball Bearing (Radial)	CL8-29	CL8
	Ball Bearing (Thrust)	CL8-30	CL8
	Bearing Spacer	CL8-33CS	CL8

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Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Bearing Cover Plate	CL8-34C	CL8
	Pump Support	CL8-37C	CL8
	Stator Support**	CL8-38C	CL8
	Packing Gland	CL8-41C CL8-41S	CL8
	Packing Set, Teflon Coated	CL8-42	CL8
	Packing Set, Graphite	CL8-42G	CL8
	Rotor/ Shaft Pin (2 Required)	CL8-45/46CS CL8-45/46S	CL8
	Shaft Collar	CL8-49CS	CL8
	Rotor Band	CL8-50CS CL8-50S	CL8
	Connecting Rod Washer (2 Req.)	CL8-53Q CL8-53B CL8-53F	CL8

**2 Stator Supports are required for 3CL8 Pumps.

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Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Drive Pin Retainer Screw (2 Req.)	CL8-54CS CL8-54S	CL8
	Lantern Ring, 1 Piece	CL8-57S	CL8
	Lantern Ring Set, Teflon	CL8-57T	CL8
	Bearing Lock Nut, Carbon Steel	CL8-58	CL8
	Bearing Lock Washer, Carbon Steel	CL8-59	CL8
	Grease Seal (Radial)	CL8-61	CL8
	Grease Seal (Thrust)	CL8-62	CL8
	Packing Gland Insert	CL8-65S	CL8
	Drive Pin Washer, Stainless Steel (2 Req.)	CL8-73	CL8
	Component Seal	CL8-81F	CL8

*Other elastomer options are available upon request

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Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Component Seal Gland	CL8-82S	CL8
<i>No Image Available</i>	Cartridge Mechanical Seal	Contact Us	CL8

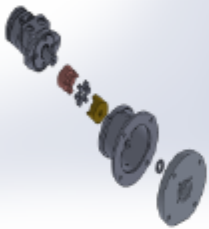
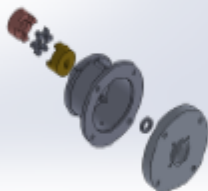
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CL Model

Replacement Kits for CL8 Pump

Part	Part Name	Continental Pump Part Number
	Hydraulic Motor Kit Includes: Hydraulic Motor, Motor Adapter, Adapter Flange (CL8-35A), Grease Seal (CL8-62), & Couplings: L-100 x 1", L-100 x 1 3/8" & L-099/100 Sox Spider.	CL8-HYD
	Hydraulic Kit (No Motor) Includes: Hydraulic Motor Adapter, Adapter Flange (CL8-35A), Grease Seal (CL8-62) & Couplings: L-100 x 1", L-100 x 1 3/8" & L-099/100 Sox Spider.	CL8-HYDNM
	Connecting Rod Kit: Includes: QTY 1: Connecting Rod, Rotor Pin, Shaft Pin, Rotor Band. QTY 2: Connecting Rod Washers, Drive Pin Retainer Screws and Drive Pin Washers.	CL8-25KQC CL8-25KBC CL8-25KFC
		CL8-25KQS CL8-25KBS CL8-25KFS

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Part	Part Name	Continental Pump Part Number
	<u>Bearing Kit:</u> Includes: Ball Bearing (Radial & Thrust), Bearing Spacer, Bearing Lock Nut & Washer, Grease Seal (Radial & Thrust)	CL8-29K
	<u>Component Seal Kit:</u> Includes QTY 1: Viton Component Seal & Stainless Steel Gland	CL8-81KFS

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