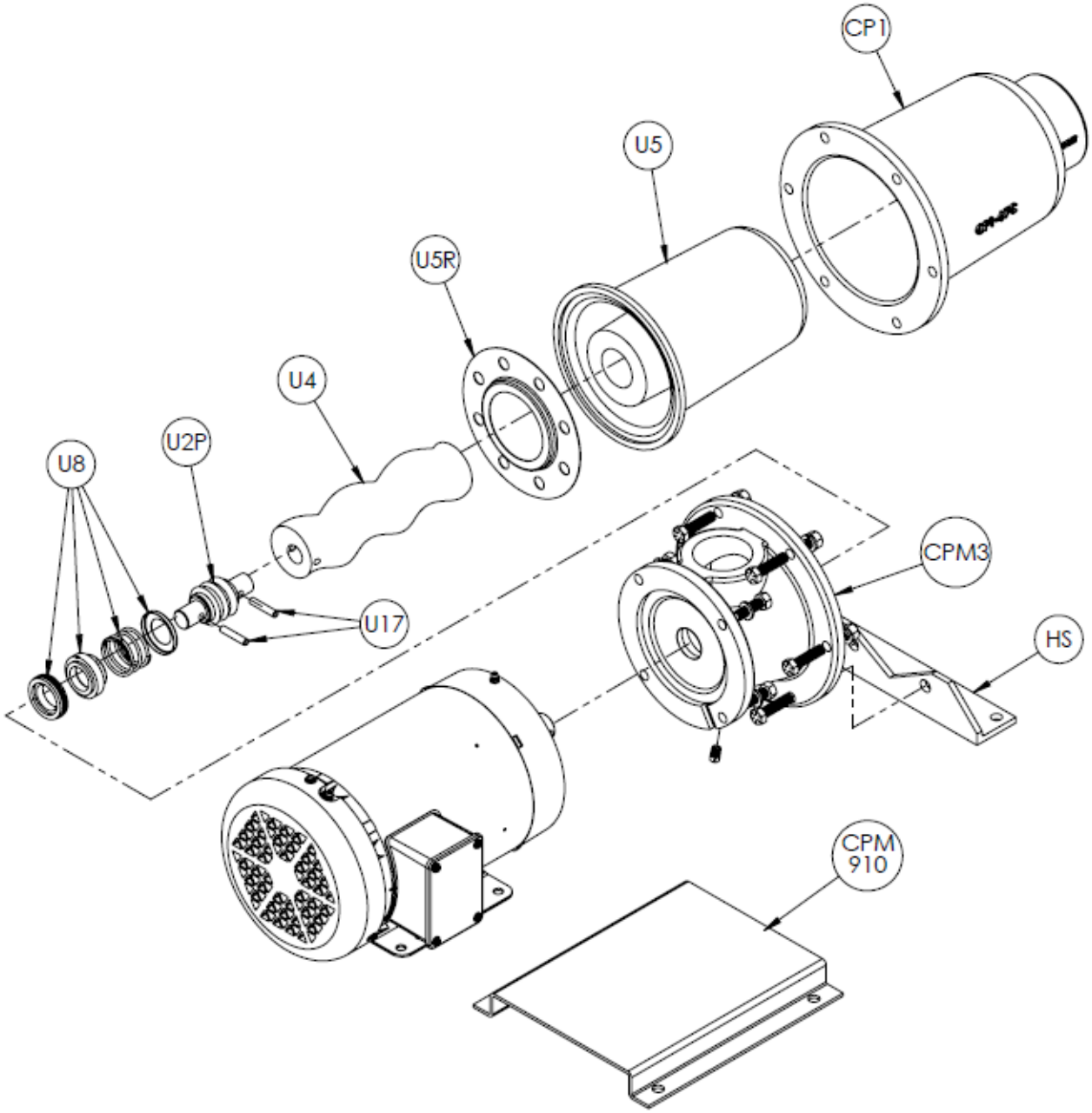
Continental Progressive Cavity Pump CP Model
CPM67 Close-Coupled Pump Driven with a Continental Spec. Motor



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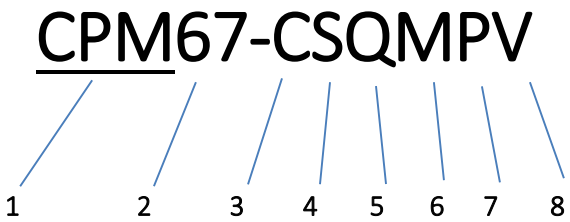
CPM Model Number Nomenclature:

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



(1): Indicates the pump model designation (CP, CPM, CPML Model)
(2): Indicates the pump frame size designation
(3): Indicates the pump body casting material
(4): Indicates the rotor material
(5): Indicates the stator material
(6): Indicates seal type: Mechanical Seal or Packed Seal (For Mechanical use M, for Packed use D)
(7): Indicates if the Drive Shaft, Flex Joint, and Rotor is Pinned or Threaded. (For pinned use P, for threaded use T)
(8): Indicates if the pump has vertical suction housing. If horizontal is preferred no designation will be used.

Material of Construction

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
	B	EPDM
	F	Viton®
Seal Type	M	Mechanical Seal
	D	Packing Gland

Mechanical Seal and Packed Seal options are available for all frame sizes (15, 22, 33, 44, 56, and 67).

The Pinned Drive Shaft, Flex Joint, and Rotor option is also available for all frame sizes. The Threaded option is available only in frame sizes 15, 22, 33, 44, and 56; Size 67 has pinned option only.

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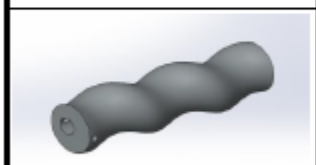
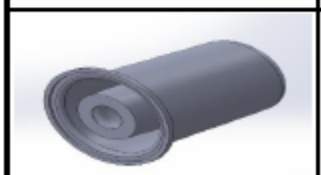
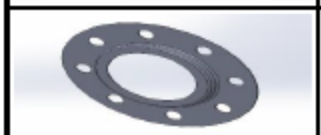
CPM Pump

Replacement Parts

for CPM67 Close-Coupled Pump with Continental Spec. Motor

Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Suction Body	CP1-67C CP1-67S	CPM67
	Suction Body, Vertical with 1/4" NPT Pipe Plug	CPV1-67C CPV1-67S	CPM67
	Discharge Housing with 1/8" NPT Drain Plug	CPM3-67C Frame 145	CPM67
	Flexible Joint, Pinned	U2-67PQS U2-67PBS U2-67PFS	CPM67
	Rotor, Pinned & Threaded	U4-67PS	CPM67
	Stator	U5-67Q U5-67B U5-67F	CPM67
	Stator Barrier (Optional)	U5R-67S	CPM67

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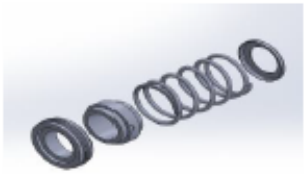
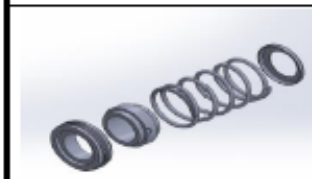
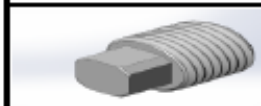
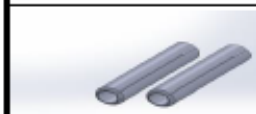
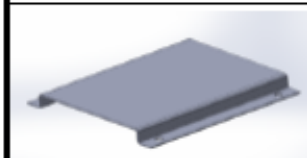
Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Mechanical Seal	U8-67Q U8-67B U8-67F	CPM67
	Mechanical Seal, Abrasive Resistant (Optional)	U8-67Q A/R U8-67B A/R U8-67F A/R	CPM67
	1/4" NPT Pipe Plug for Vertical Suction Body	U11-67CS U11-67S	CPM67
	1/8" NPT Drain Plug for Discharge Housing	U12-67CS U12-67S	CPM67
	Roll Pins (2 Required)	U17-67S	CPM67
	Housing Support	CPM67-HS	CPM67
	Steel Base	CPM-910-56/67	CPM67
	Three Phase Motor, 2 HP/ 1800 RPM	35L431Y336	CPM67

Single Phase Motor is not an option for this size pump.

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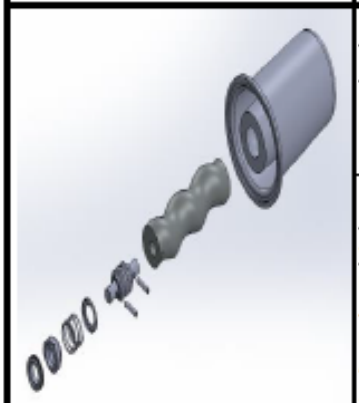
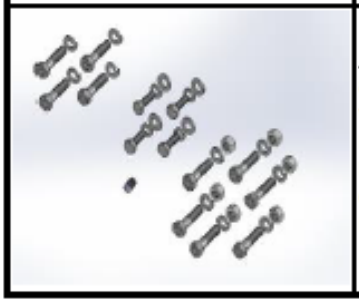
CPM Pump

Replacement Kits

for CPM67 Close-Coupled Pump with Continental Spec. Motor

Part	Part Name	Continental Pump Part Number	For Continental Pump Model
	Pinned Rebuild Kit: Includes: QTY 1: Flex Joint, Rotor, Stator, Mechanical Seal; Qty 2: Roll Pins	CP67K-PQS CP67K-PBS CP67K-PFS	CPM67
	Pinned Rebuild Kit with A/R Seal: Includes: QTY 1: Flex Joint, Rotor, Stator, Mechanical Seal- Abrasive Resistant; Qty 2: Roll Pins	CP67K-PQS A/R CP67K-PBS A/R CP67K-PFS A/R	CPM67
	Bolt Kit: Includes Qty 8: Pump Body Bolts, Washers & Nuts. Qty 4: Motor Base Bolts with 4 Flat & 4 Lock Washers. Qty 4: C-Face Motor Bolts & Washers. Qty 1: 1/8" NPT Drain Plug	U10-67MC	CPM67

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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 discharge. The epoxy seals the cast iron from the material being pumped.

Stators are available in 3 types of elastomers. The rubber materials are: Buna Nitrile, 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 Stainless Steel.

Abrasive Resistance Mechanical Seals are a great upgrade for your more abrasive applications. By adding a Stator Barrier, which is recommended in any negative suction and/or vacuum application to help protect the stator. There are lots of variables to take in consideration to know if this is right for your application. Contact us with your application information to see if this is for you.

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, Gas or Diesel Engines, and many other base options.

Space Challenged? If you are needing a different arrangement from traditional piping, we have vertical suction housings available in the CP Model.

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 VFD's, Motors and Bases.

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