

Displacement Rod Kits

406850C

Merkur™ Bellows Pumps

ENG



Important Safety Instructions

Read all warnings and instructions in manuals 312793 and 312795. Save all instructions.

See reverse for parts illustration and assembly notes.

TIP: Some o-rings are close in size. Stack on bench to differentiate.

Kit 24F492, LB050x (50cc) pumps

Kit 24F296, LB100x (100cc) pumps

Kit 24F295, LB150x (150cc) pumps

Ref.	Description	OD in. (mm)			Qty.
		24F492	24F296	24F295	
101	DISPLACEMENT ROD				1
102	O-RING, foot cap	1.8 (46)	2.4 (61)	2.7 (69)	1
103*	O-RING, packing nut bottom	1.6 (41)	2.0 (51)	2.3 (58)	1
104*	O-RING, packing nut top	1.9 (48)	1.9 (48)	1.9 (48)	1
105	O-RING, bellows chamber	2.5 (64)	2.5 (64)	2.5 (64)	1
106**	O-RING, piston	0.6 (15)	0.8 (20)	0.8 (20)	1

* May not be used. Remove packing nut only if necessary. If removed, replace o-rings before reassembly.

** May not be used. Piston and rod may separate during disassembly. If separated, always replace the o-ring before reassembly.

Graco Inc. P.O. Box 1441 Minneapolis, MN 55440-1441

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This diagram illustrates the assembly of a mechanical component, showing the relationship between various parts and the choice between U-Cup and V-Packing models. The assembly is shown in an exploded view, with dashed lines indicating the assembly path.

Key Components and Callouts:

- 105:** A large cylindrical component with a threaded section.
- 104:** A small circular component.
- 103:** A component with a flange and a central opening.
- 102:** A component with a flange and a central opening.
- 101:** A small cylindrical component.
- 106:** A small cylindrical component.
- 6:** A component with a flange and a central opening.
- 5:** A small cylindrical component.
- 4:** A small cylindrical component.
- 3:** A small cylindrical component.
- 2:** A small cylindrical component.
- 1:** A small cylindrical component.

Assembly Models:

- U-Cup Models:** Shown in a box with the instruction "Lips face down." This model is used for the assembly shown on the left.
- V-Packing Models:** Shown in a box with the instruction "Lips face up." This model is used for the assembly shown on the right.

The diagram shows two different assembly configurations, each with its own set of callouts and model specifications. The left configuration uses U-Cup models, while the right configuration uses V-Packing models. The components are shown in an exploded view, with dashed lines indicating the assembly path.

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