

SaniForce™ Electric Drum Pump

Centrifugal/Progressive Cavity Pumps
for Food & Beverage Applications

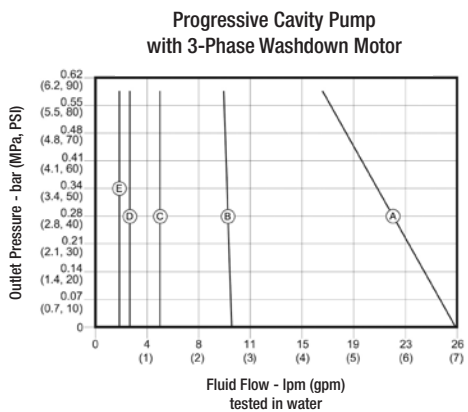
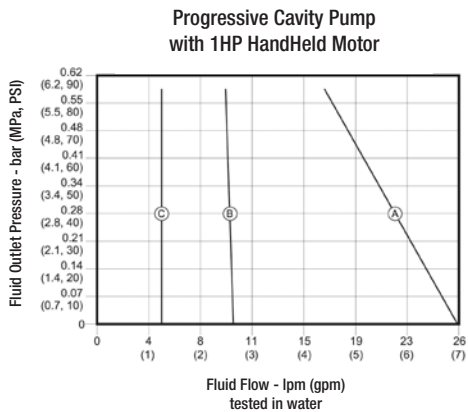
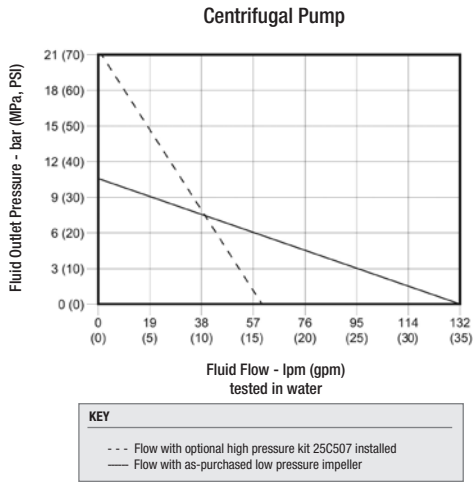


Reduce maintenance and sanitisation time at your facility with the SaniForce Drum Pump, designed for easy teardown with quick tri-clamp connections, no moving parts and easy transferability.

- Powered by variable speed electric motor
- Certified to ATEX & FDA standards
- Simple design without valves or moving parts to facilitate cleaning and to reduce maintenance and downtime
- Flow rates up to 132 LPM (35 GPM) with a smooth output of material
- Easily transferable from container to container and adaptable to drums, totes and kettles

Improve your Plant Processes

Performance



Improve plant processes with Graco's hygienically designed SaniForce drum pumps!

Reduce facility downtime with the lightweight, easy-to-use and portable SaniForce electric drum pumps. SaniForce drum pumps offer an easy-to-clean, hygienic design perfect for all of your food, beverage and personal care product transfer needs.

- ✓ **Easy Cleaning and Product Changeover** - With this simple knockdown design, cleaning between drums or product changeovers has never been easier!
- ✓ **Operational Flexibility Throughout Your Facility** - With the electric pump operation, you simply plug in to be ready for transfer in minutes!
- ✓ **Easy Mobility** - the lightweight design allows all operators to move pumps between drums to increase facility output.

Common Applications



Edible Oils



Wineries, Breweries and Distilleries



Juices, Concentrates and Beverages



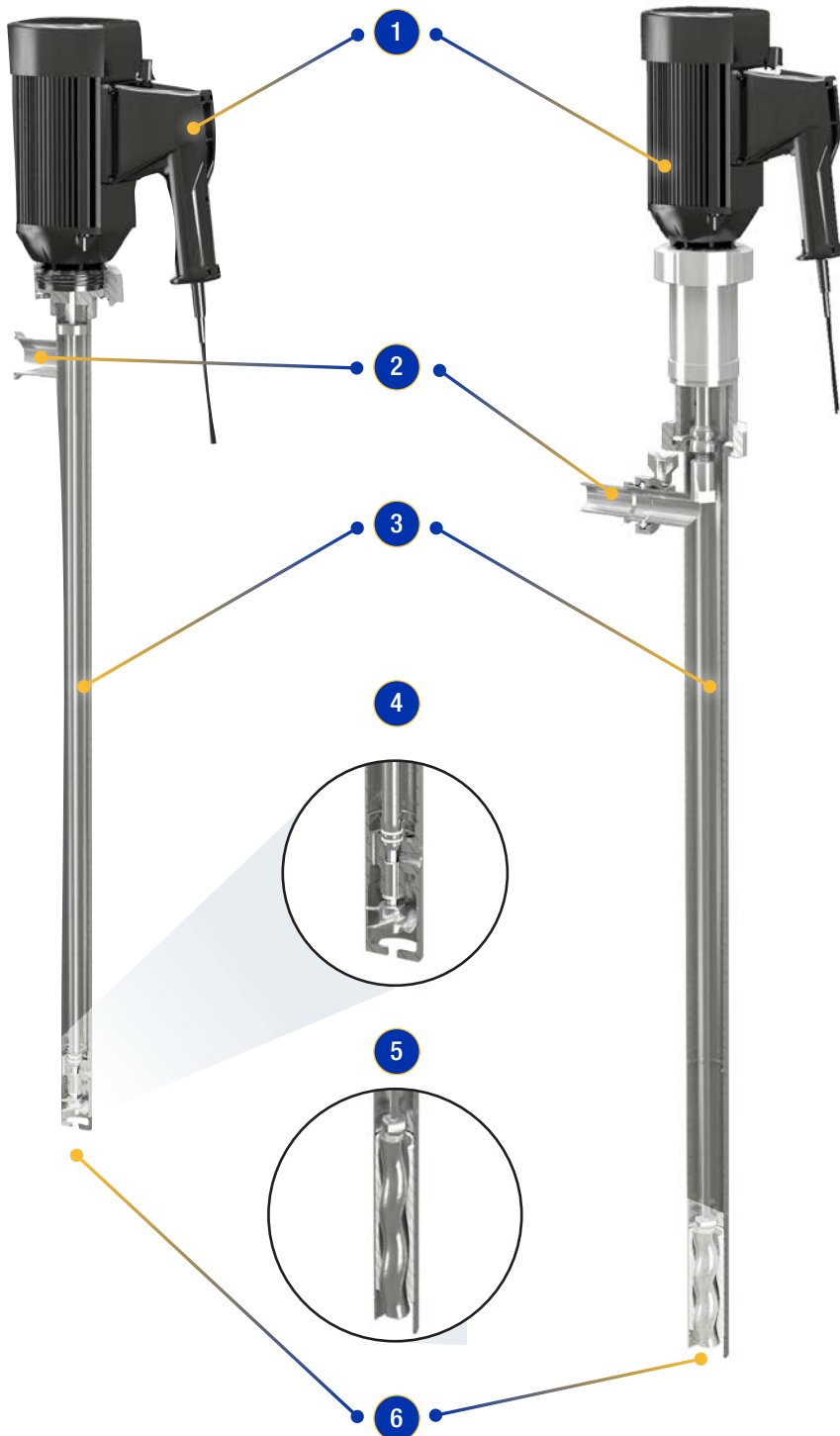
Condiments and Dressings



Personal Care



Pharmaceuticals



Washdown motor available on progressive cavity models

1 Variable Speed Electric Motor Option

- 120, 240 or 480V power options
- Single or 3-Phase
- Hand held or hard wired
- ATEX options

2 Sanitary Fluid Connection

- 1.5" Tri-Clamp Connection

3 FDA Stainless Steel

Pump Housing

- 316 SST for compatibility

4 High Volume Centrifugal Impeller

- 316 stainless steel impeller improves wear resistance
- Low viscosity transfer

5 High Pressure Progressive Cavity Rotator/Stator Pump

- All PTFE stator for increased compatibility
- Low to medium viscosity transfer

6 Multiple Pump Sizes

- 39" or 47" drum immersion lengths accommodate drum or tote sized containers

For more information on Graco's drum pumps, visit www.graco.com/saniforcedrumpump

SaniForce™ Drum Pump

Centrifugal/Progressive Cavity Pumps for Food & Beverage Applications

Technical Specifications

Maximum fluid working pressure	
Centrifugal	3 bar (0.4 MPa, 43 psi)
Progressive Cavity	6 bar (0.6 MPa, 87 psi)
Maximum Operating Temperature	
Centrifugal / Progressive Cavity	80°C (175°F)
Fluid Outlet	1.5 in. Tri-Clamp
Wetted Parts (all pumps)	
Centrifugal / Progressive Cavity	316 Stainless Steel, Buna-N, PTFE
Progressive Cavity Pumps also contain	Silicone carbide, Viton™
Maximum Viscosity	
17N669 - 17N670	3/8 in npt(f)
17N673, 17S150	1,000 cps (mPa-s)
17N674, 17S153	25,000 cps (mPa-s)
17N674, 17S153	100,000 cps (mPa-s)
Duty Cycle	
	Intermittent when operating at maximum viscosity; continuous for 25C422, 25C782 pump
Maximum Flow Rate	
Centrifugal	132 lpm (35 gpm)
Progressive Cavity	26 lpm (7 gpm)
Maximum Solids Size	
Centrifugal	Not recommended for fluids that contain solids.
Progressive Cavity	6 mm (0.25 in.)
Sound Pressure*	84 dBA
Operation Manual	3A4586A

* tested 3.28 feet (1m) from equipment



Popular Models

Part Number	Pump Type	Length	Input Power	Motor	Plug Style	Optional Pump Foot for Bag Liner Protection
25C412	Centrifugal	39 Inches	230V	1.0 HP (.75 kW), Variable Speed	European	Not Required
25C414	Centrifugal	47 Inches	230V	1.0 HP (.75 kW), Variable Speed	European	Not Required
25C421	Progressive Cavity	39 Inches	230V	1.0 HP (.75 kW), Variable Speed	European	No
25C422	Progressive Cavity	39 Inches	3-Phase Power	1.5 HP (1.0 kW) 190/380 or 230/460 VAC, 3-Phase	Not Applicable	No
25C781	Progressive Cavity	39 Inches	230V	1.0 HP (.75 kW), Variable Speed	European	Yes
25C782	Progressive Cavity	39 Inches	3-Phase Power	1.5 HP (1.0 kW) 190/380 or 230/460 VAC, 3-Phase	Not Applicable	Yes

Accessories



17P480 Hose Barb
38 mm (1.5 in.)



118598 Tri-clamp™



16D169 Gasket

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Graco is certified ISO 9001.

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