

# PROGRESSIVE CAVITY (PC) PUMP

Single Component Metering and Dispensing System



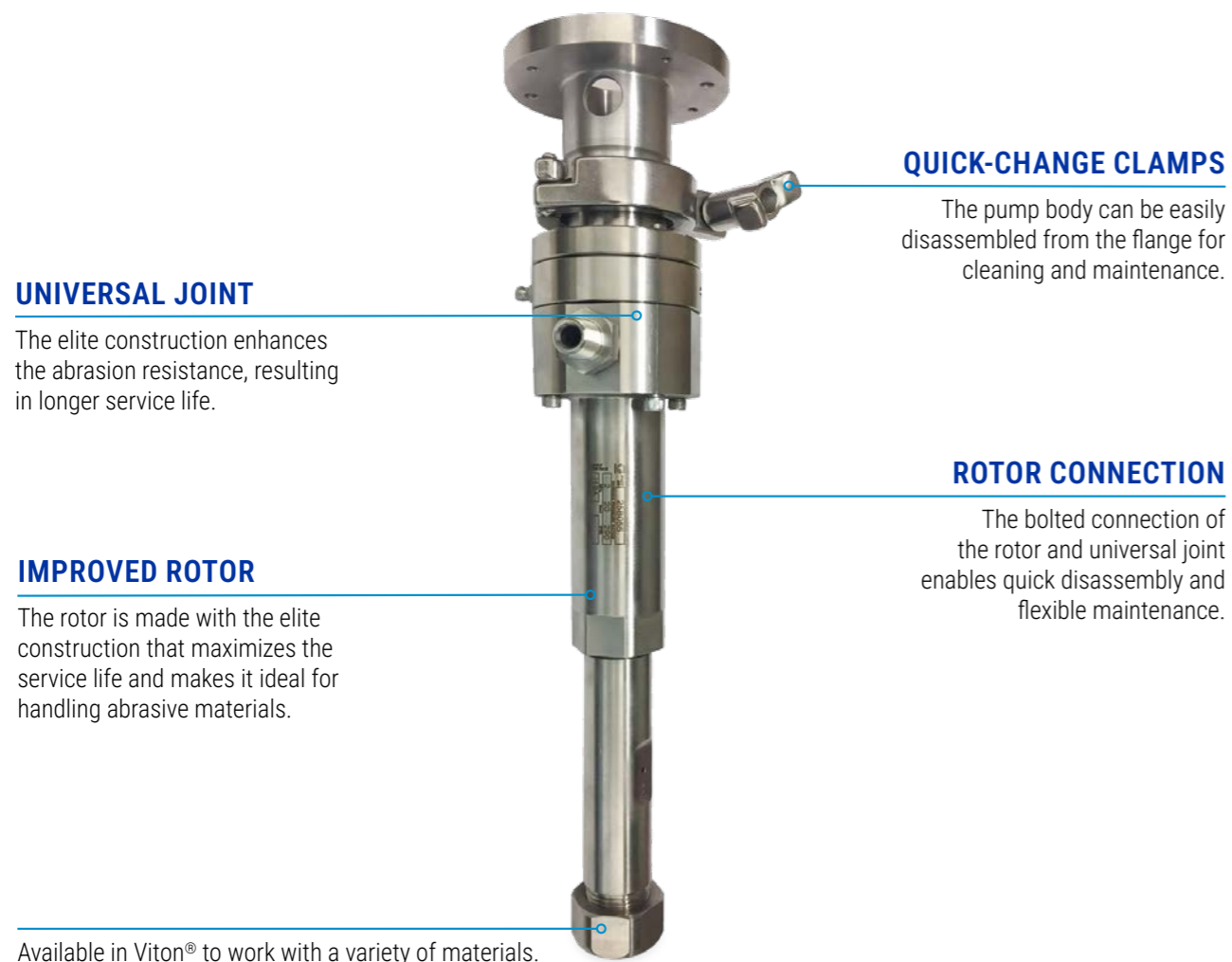
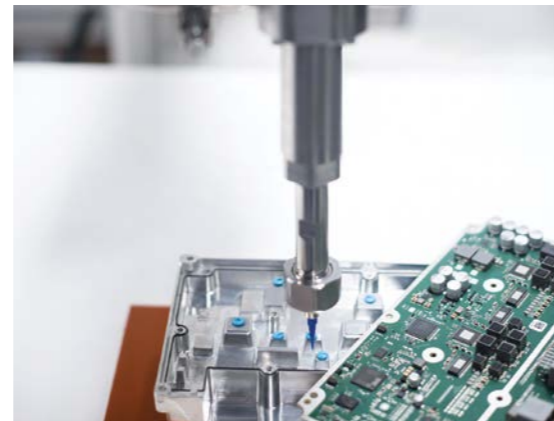
M O V I N G   M A T E R I A L S   T H A T   M A T T E R ™



# MAXIMUM SERVICE LIFE WITH MINIMUM MAINTENANCE

Designed for maximum service life with minimum maintenance, Graco's Progressive Cavity Pump efficiently handles single component middle to high viscosity materials, as well as highly abrasive thermal interface material (TIM).

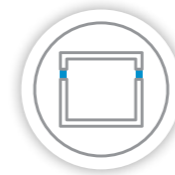
- **Progressive cavity pump technology:** Continuous feed and progressive cavity metering ensure repeatability of ( $\pm$ ) 1%, which saves filling time and improves dispensing efficiency.
- **Adjustable flow range:** Flexible adjustment of dispensing flow enables higher productivity.
- **High wear-resistant fluid path for TIM dispensing:** The fluid path is specially designed to minimize downtime and reduce total cost of ownership.



## APPLICATIONS



ENCAPSULATION



SEALING



BONDING



THERMAL  
MANAGEMENT



POTTING

**MATERIALS** • Thermal interface material (TIM) • Epoxy • Silicone • Polyurethane (PU)

## INDUSTRIES



ELECTRONICS



TELECOM



GENERAL INDUSTRY



AUTO TIERS

## SPECIFICATIONS

	0.30 cc	1.00 cc	1.45 cc
Maximum RPM		300	
Maximum Flow Rate	45 cc/min	150 cc/min	217 cc/min
Minimum Shot Size	0.03 cc	0.08 cc	0.12 cc
Maximum Operating Pressure	290 psi (2 MPa, 20 bar)		
Maximum Operating Temperature	75 °C (167 °F)		
Material Viscosity	5,000 - 1,000,000 cps (depending on size)		
Wetted Parts	SST, FKM, UHMW, alloy, acetal, chrome		
Inlet Thread	#6 JIC		
Outlet Thread	5/16-28 (f)		
Weight (Motor and gear box not included)	2.60 kg (5.73 lb)	2.62 kg (5.78 lb)	2.90 kg (6.39 lb)



## PCB CONTROLLER

- Designed for the electronics industry
- Communication: I/O
- Dimensions: 334 x 268 x 201 mm
- Motor: 240 VAC
- CE, ETL, ROHS certifications

## ORDERING INFORMATION

### PC PUMP SYSTEMS

	PART #
System, PC Pump, 0.3 CC, PCB, I/O	2010630
System, PC Pump, 1.0 CC, PCB, I/O	2010629
System, PC Pump, 1.45 CC, PCB, I/O	2010628

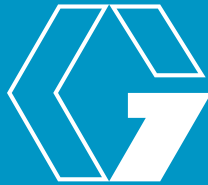
### ACCESSORIES

	PART #
Kit, Modbus-Ethernet, IP, PCP, PCB	2011014
Kit, Modbus-Profinet, PCP, PCB	2011015
Pressure Regulator, ORFS, P60-VP, DN7	2008938





**MOVING MATERIALS THAT MATTER™**



**For more information, visit [graco.com](https://graco.com).**

©2025 Graco Inc. 350444 Rev. D 5/25 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. Trademarks are referenced herein for identification purposes only. All trademarks are the property of their respective owners. Product covered by issued and pending patents, see [graco.com/patents](https://graco.com/patents).