



INNOVATION. **PRECISION.** EXCELLENCE.



Pump Specifications

Operating Temperature

10 - 40°C (50 - 104°F)

Viscosity Range

1 - 500,000+ cps

Max Inlet Fluid Pressure

85 psi

Max Discharge Pressure

285 psi

Wetted Components

Stainless Steel/FFKM
Carbide/EPDM

Dimensions, Flow Rate, and Fluid Inlet will vary based on pump size. See table on page 2.



PDP Series

Progressive Cavity Dual Pump

The PDP Series of progressive cavity pumps bring superior volumetric accuracy to your most demanding two-component dispensing applications. Progressive cavity pumps feature a machined rotor that couples with a rubberized seal to assure drip-free operation with a wide range of viscous chemistries. Each servo-controlled rotor displaces a fixed volume of material per revolution. This true positive displacement process assures consistent volume regardless of slight material variations.

The PDP Series features independently controlled pumps for both resin and hardener allowing users the ability to customize their desired mix ratio. Five different rotor sizes span a wide range of flow rates. An optional carbide rotor is available for extended life when processing filled or abrasive chemistries.

The PDP Series has many additional integrated features including:

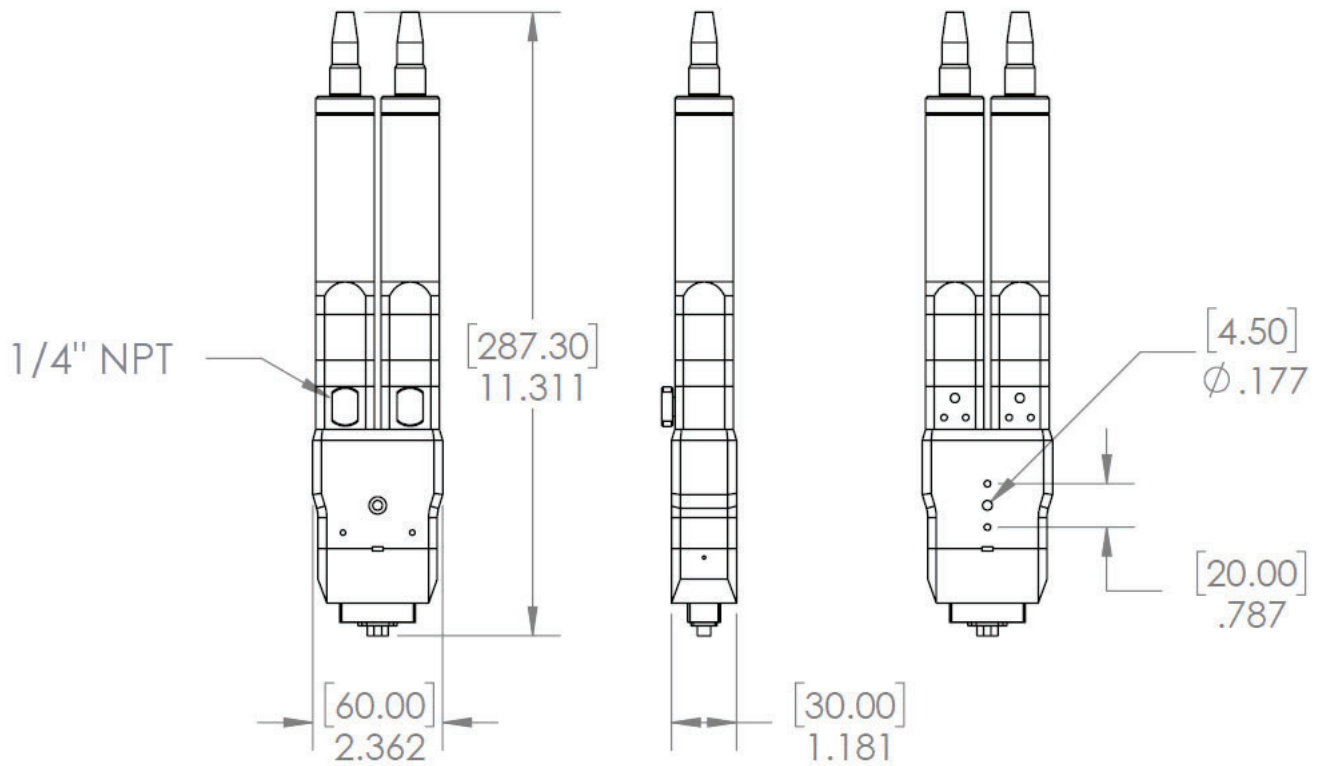
- Programmable flow rate and mix ratio (1:1 to 10:1)
- High precision dosing within +/-1%
- Continuous dispensing process for efficient operation and no refilling
- Self sealing operation prevents dripping
- Optional carbide rotor for abrasive chemistries

For more information, please contact PVA at info@pva.net or contact your local representative.

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PDP Mounting Dimensions



*Dimensions may vary based on pump size

Model Specifications

Model Number	Dimensions (mm)	Standard Stator Material	Nominal Displacement (ml/rev)	Minimum Flow Rate (ml/min)	Maximum Flow Rate (ml/min)
PDP015	60 x 30 x 260	FFKM	0.034	0.034	3.406*
PDP015-C	60 x 30 x 260	EPDM	0.019	0.019	0.194
PDP050	60 x 30 x 260	FFKM	0.087	0.087	8.680*
PDP050-C	60 x 30 x 260	EPDM	0.066	0.066	0.658
PDP150	67 x 35 x 310	FFKM	0.351	0.351	35.098*
PDP150-C	67 x 35 x 310	EPDM	0.356	0.356	3.564
PDP500	67 x 35 x 310	FFKM	0.864	0.864	86.402*
PDP500-C	67 x 35 x 310	EPDM	0.737	0.737	7.375
PDP1000	67 x 35 x 340	FFKM	1.952	1.952	195.174*
PDP1000-C	67 x 35 x 340	EPDM	1.696	1.696	16.960

*Maximum flow rate for low viscosity material