

# ANPL 12.2/12.4

## Progressive Cavity Pump for Metering & Dosing

### Features

- \* Rugged Design
- \* 1" NPTF
- \* Non-Pulsating Flow
- \* 316 Stainless Steel Optional
- \* PTFE Stators Available
- \* Corrosion Resistant

### Pump Description

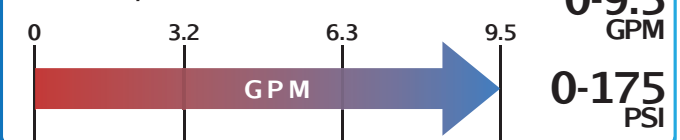
The ANPL 12.2 Series is a rugged series of medium sized progressive cavity metering pumps available immediately from our inventory at Liberty Process Equipment. This pump is an ideal addition to the carpet industry for latex metering.

The ANPL Series of Progressive Cavity Metering Pump is rated up to 9.5 GPM and at discharge pressures up to 350 psi in our 4 range design. The ANPL Pump is offered in cast iron or standard 316 Stainless Steel. The ANPL Pumps are offered with our standard 1" NPTF connections or optional 1" 150# RF Flanges. Stators are available in Buna Nitrile, Viton and also in PTFE Teflon for the highest standards in corrosion resistance.

Liberty Process can offer a drive and control option to meet your needs and budget. From a simple, fixed speed motor to a DC or variable frequency drive controlled pump unit we can offer it.



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### Curves

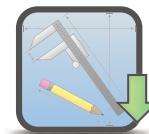
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### Drawings

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### Materials

**Rotor:** Chrome Plated 316 Stainless Steel

**Stator:** Buna, PTFE, Viton™

**Motor:** 2, 3, and 5 hp

**Inlet:** 1" NPT

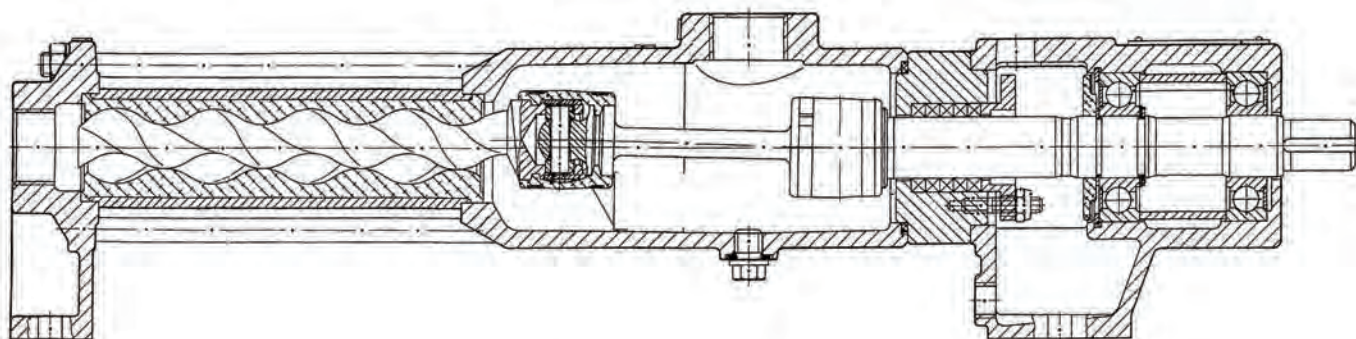
**Outlet:** 1" NPT

**Bases:** Steel and Stainless Steel

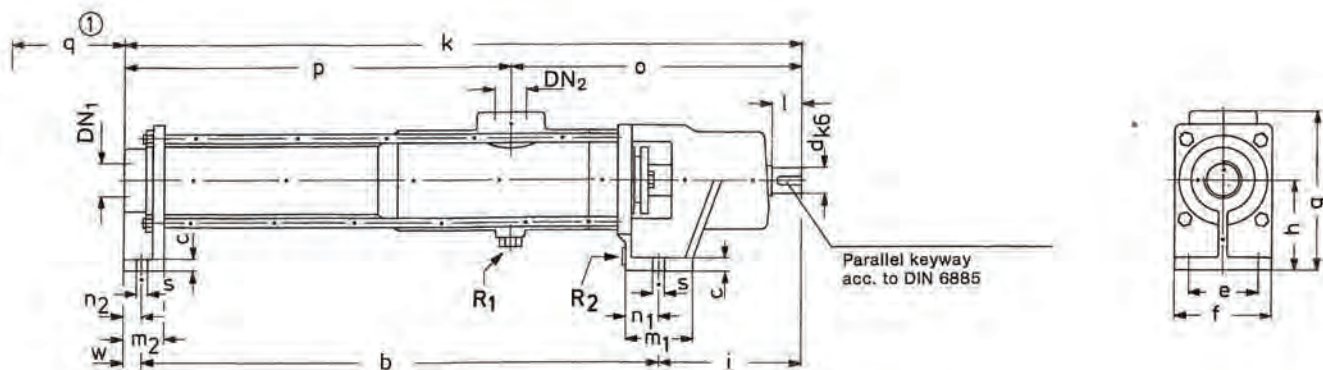
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# ANPL 12.2



Dimensions in mm.  
Internal diameters of suction, discharge and auxiliary connections in inch.  
The manufacturer reserves the right to make technical modifications without prior notice.

Direction of rotation:  
Counterclockwise looking from the drive end is standard, in which case DN<sub>1</sub> = delivery connection, DN<sub>2</sub> = suction connection. Opposite direction of rotation is possible in which case DN<sub>1</sub> = suction connection, DN<sub>2</sub> = delivery connection.

Pump size	Pump dimensions																	Suction/ Discharge connections DN <sub>2</sub> /DN <sub>1</sub> ②	Approx. weight in kg		
	b	c	d	e	f	g	h	i	k	l	m <sub>1</sub>	m <sub>2</sub>	n <sub>1</sub>	n <sub>2</sub>	o	p	m <sub>1</sub>			s	w
3.2	381								523							270	160			R 1	11
6.2	421	10	20	70	85	135	80	125	563	30	60	35	30	17	253	310	160			R 1	11.5
12.2	457								599							346	190	9	17	R 1 1/4	12

# ANPL 12.2

Typical Performance Curve for water at 68 Deg. F.

Size - 12

Stage(s) - 2

Starting Torque = 12.5 to 18.4 ft. lb

Max Pres. = 175 PSI

Max RPM = 1200

