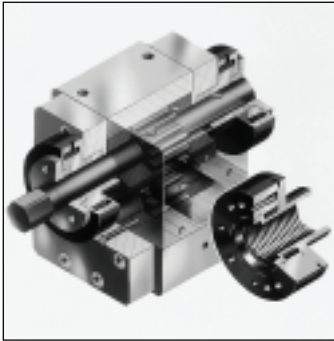


# Zenith® Pumps

# PEP-II Series Gear Pumps

Engineering Data Sheet No. PEP-01

## PEP-II Series



Polymer								
Application	LDPE	PS	PP	PVC	HDPE	PUR	PA	PET
Sheet	X	X	X	X	X	X		X
Profile	X	X	X	X	X	X		X
Film	X	X	X		X		X	X
Coextrusion	X	X	X	X	X	X	X	X
Tubing	X	X		X	X	X		X
Additive Injection	X	X	X	X	X	X	X	X
Nonwovens	X		X				X	X

## Design Features

- Single Stream—Through-ported
- Tool Steel Construction
- Direct Drive
- 950°F Max. Operating Temperature
- 10,000 PSIG Max. Body Pressure
- Rheoseal Standard
- Flanged Connections
- Forced Lubrication
- Unique Gearing

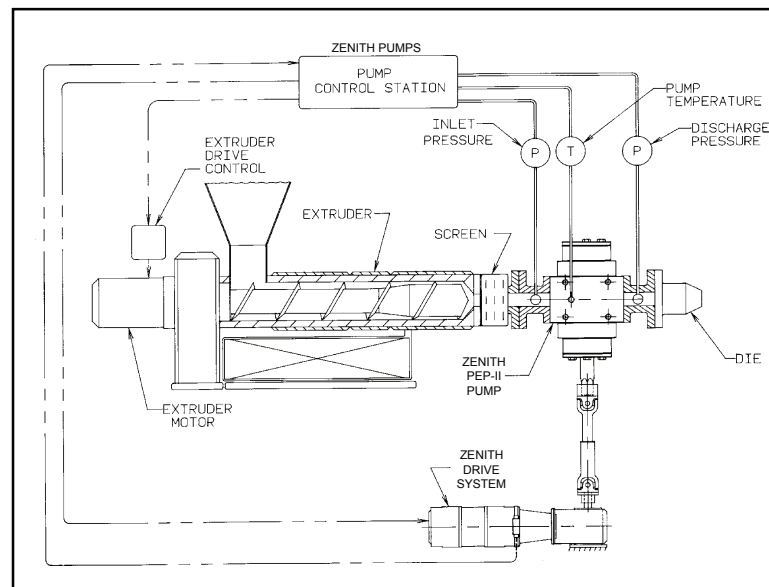
## Approximate Pump/Drive Sizing

TYPICAL EXTRUDER (IN)	TYPICAL FLOW RATE (L/HR)	PEP-II CAPACITY (CC/REV)	TYPICAL DRIVE (HP)	TYPICAL EXTRUDER (IN)	TYPICAL FLOW RATE (L/HR)	PEP-II CAPACITY (CC/REV)	TYPICAL DRIVE (HP)
1/4	.2 - 1.25	.16	.5	1.25/1.5	13-80	10	2
1/4, 1/2	.4 - 2.5	.3	.5	1.5/2.0	26 - 160	20	3
1/2	.8 - 5	0.6	.5	1.5/2.0	53 - 450	40	5
1/2	1.5 - 9.0	1.2	.5	2.5/3.5	250 - 1200	100	10
1/2	2.4 - 14	1.8	.5	3.5/4.5	450 - 2100	175	15
1.0	6 - 24	3	.5	4.5/6.0	800 - 3600	300	20
1.0	6.5 - 40	5	1	8.0	2000 - 7000	750	40

## Process Benefits

- Improved Gauge Stability
- Controlled Melt Quality
- Increased Production
- Improved Extruder Flexibility
- Polymer Material Savings

## Zenith Pumps and The Extrusion Process



Zenith Pumps can handle all of your extrusion pumping applications including additive injection for on-line compounding of tackifiers, colorants, stabilizers, etc.

ISO 9001: 2000 Registered

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