

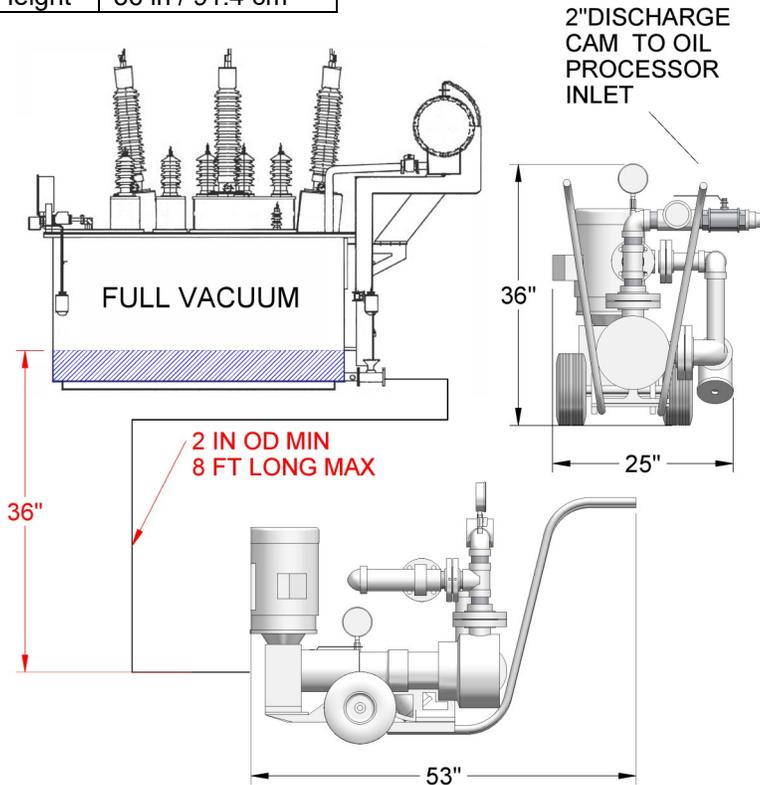


# POSITIVE DISPLACEMENT INLET BOOSTER PUMP

## SES330PD-2400 DATASHEET



PHYSICAL DATA	
Weight	425 lbs / 193 kg
Depth	53 in / 134.6 cm
Width	25 in / 63.5 cm
Height	36 in / 91.4 cm



- The SES330PD inlet oil booster pumps are low NPSH portable low speed positive displacement booster pumps designed to assist oil processors when circulating through a partially filled transformer being held under full vacuum.
- This reduced speed gear pump is mounted and balanced on a two wheeled frame for portability and includes a locally mounted motor starter with 50' of power cable.
- This pump is a custom build and sized for the supported oil processor.

### FEATURES

- 20, 30, & 40 GPM Flow Rates Available
- 7 - 20 PSI Maximum Discharge Pressure
- 30" - 36" Oil Head Required Under Full Vacuum
- Inlet & Discharge Shutoff Valves
- Inlet and Discharge Compound Gauges
- Discharge Flow Sight
- Locally Mounted NEMA 4 Starter Box
- 50' Power Cable
- 230/460/3/60 - Special Voltages Available
- Steel Frame Construction - 425 lbs
- 25" W x 53" D x 36" H

### OPERATING CONDITIONS (MINERAL OIL)

Minimum Ambient Temperature	>0.0 °F / -17.7 °C
Maximum Ambient Temperature	115.0 °F / 46.1 °C
Minimum Oil Temperature	>0.0 °F / -17.7 °C
Maximum Oil Temperature	210 °F / 98.9 °C

Consult Factory for operating conditions with Natural & Synthetic Ester Fluids

### SPECIFICATIONS

Pump Type	Positive Displacement Gear
Flow Rate	20 - 45 GPM (Model dependent)
Pressure Out	7.5 - 20 lbf/in <sup>2</sup> (Adjustable)
Suction Head Required	36" Minimum @ Rated Flow Under Full Vacuum (Full Port Drain Valve, SESCO Suction Hose Required)
Inlet Connection	2" Female Cam
Suction Hose	Provided w/ Pump
Discharge Connection	2" Male Cam
Voltage	230/460/3/60 - Special Voltages Available
Control	Local ON/OFF Switch with Motor Starter and Overload (NEMA 4)
Power Cord	50 ft / 15 m (4 Conductor)

## INSULATING OIL CONDITIONING & REGENERATION

SES320



- Mineral
- Natural Esters

## INSULATING OIL REGENERATION



SES320R



- Bulk Media
- Mobile & Stationary Options

## SUBSTATION MAINTENANCE TRAILERS

SES441



- Oil Filtration
- Vacuum
- Dry Breathing Air

## EVACUATION & DRY OUT SYSTEMS

SES420



- Mobile
- Cold Traps
- Dew Point Measurement

## DRY AIR SYSTEMS

SES429



- Breathing Quality
- Mobile & Integrated Options

## ADDITIONAL PRODUCTS AND SERVICES

### FULLERS EARTH SYSTEMS

SES522



- Bulk Media
- Stand Alone or Integrated

### COLD TRAPS

SES328



- Liquid N<sub>2</sub>
- Single and Cascade Stage Refrigeration

### BATCH OIL CONDITIONERS

SES320BS



- Drum Processing
- Cable Oils
- Refrigeration Oils

### OIL PROCESSOR SERVICE & TRAINING

Factory and Site Service Available



- Upgrades
- Service Contracts
- Transportation

### RENTAL EQUIPMENT



- SES320 Oil Processors
- Earth Systems
- Cold Traps
- Inlet Booster Pumps
- Heating Systems