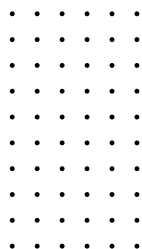
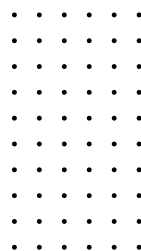




SR METERING PUMPS & SYSTEMS



AIR / GAS DRIVEN METERING PUMP

WWW.SRMETERING.COM

SR Metering Pumps & Systems is engaged in design and manufacture of reliable, precise in performance, Plunger & Diaphragm pumps to suit specific needs of each customer.

What sets SR Metering pumps & Systems apart from the other players, in the market, is its urge for growth through delivery of excellent products and service to all its customers within quick time.

Thorough research & development, stringent quality control & sophisticated testing procedures & facility is the back-bone of our organization.

The Strength of our company is our manufacturing which includes

- A well-equipped Foundry.
- A well-equipped Machining house.
- A well-equipped Fabrication unit.
- Sophisticated Assembly shop.
- Sophisticated Inspection & Testing facilities

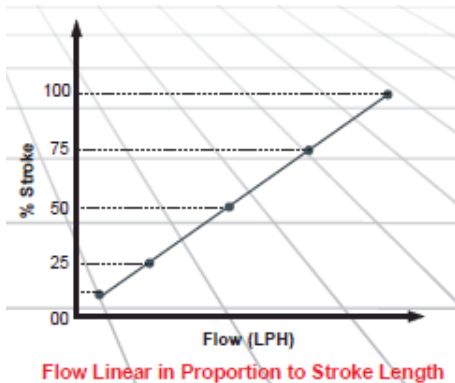
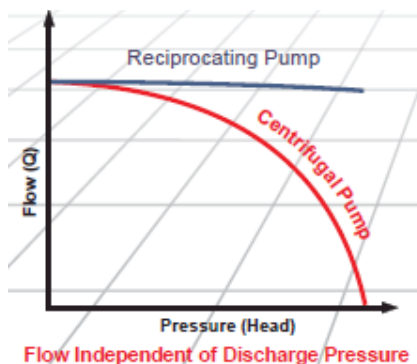
The company's strength INCLUDES prompt after sales service

QUALITY ASSURANCE

- Every individual pump at 'SR' is manufactured under stringent norms adhering to Specific Quality Plan. Every individual pump is tested at our test bed for performance & various other characteristics.
- SR' make highly precise reciprocating pumps are tested to confirm International standards of API-675.
- ISO 9001, 14001, 45001 Certified Manufacturing.

Pump Typical Characteristics

- Capable of delivering precise volume of liquid in specified time.
- The volume of liquid (Flow Rate) to be delivered can be varied by simple micrometric adjustment of metering system.
- SR Make metering pumps have flow rate, which is :-
 - § Independent of discharge pressure.
 - § Linear in proportion to stroke length.
 - § Digital in nature



PN SERIES - AIR / GAS DRIVEN METERING PUMP

The Air / Gas Driven Metering Pump, also known as Pneumatic Pumps / Air Operated Pumps / Gas driven Plunger Pump / Gas driven hydraulic actuated metal diaphragm pump - is a compact, air-driven, positive displacement dosing pump engineered for the accurate injection of chemicals into process systems. Operated entirely by compressed air, this pump is ideal for hazardous or remote locations where electric power is unavailable or undesirable.

PUMP FEATURES:-

1. Stroke Adjuster is made more compact and adjustment is simplified with an internally threaded design. The positive locking device to hold stroke length is readily accessible and easy to operate.
2. The Pneumatic Piston and Fluid Plunger Assembly is guided at both ends on TFE composite bearings ensuring concentric movement of the plunger through the seals.
3. The clearance between the return spring and plunger has been optimized to eliminate any possible contact.
4. A true double sealing arrangement is used so that secondary seal containment is provided.
5. Lubrication has been simplified with the use of synthetic grease. The lubrication chamber is filled once over the life of the seals.
6. The bleeder is equipped with a barbed fitting for plastic tubing so that the fluid bled from the fluid chamber can be collected.
7. Both the discharge and suction check valves have tough TFE composite seats for long life and positive sealing.
8. Threaded port after the secondary seal provides for the indication, collection or containment of any seal leakage.

MATERIALS:-

- Wetted Parts: 316 SS
- Flow rate Upto - 200 LPH
- Max Working Pressure - Upto 275 kg/cm²
- Check Valves:
- Body/Retainer/Ball: 316 SS
- Spring: Elgiloy
- Seat: TFE
- Plunger: Ceramic Coated
- Bleeder: 316 SS
- Seals: As specified
- Pneumatic Section:
- Motor Cylinder Face Plate: 316 SS (V Model)
- Piston: Anodized Aluminum
- Piston Seal: Buna N
- Return Spring: 17-7ph
- Controller - MK XII A: 316 SS (V Model)
- Anodized Aluminum (X Model)

Standard Models:

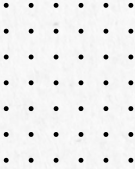
- PN 32
- PN 50
- PN 90
- PN 90
- PN 110



PNEUMATIC / GAS
DRIVEN PLUNGER
TYPE PUMP



PNEUMATIC/GAS DRIVEN
HYDRAULICALLY
ACTUATED DOUBLE
DIAPHRAGM PUMP WITH
DIAPHRAGM RUPTURE
DETECTION SYSTEM



Let's Work Together

CONTACT US



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