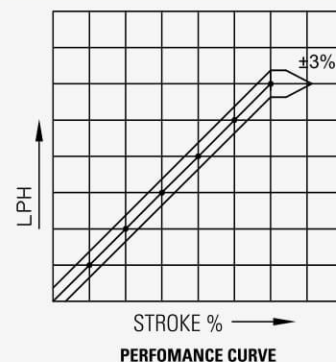




## Model: VPL-03 Plunger Type Dosing Pumps



### SELECTION CHART

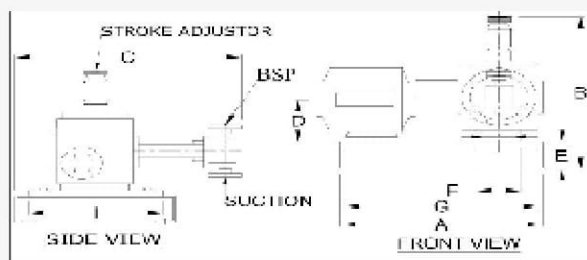
| PUMP SPEED – 100 SPM (NOMINAL) GEAR<br>RATIO 15:1 MOTOR 1500 RPM |                        |                  |               | PL. Dia<br>mm | Max. Pr.<br>Kg/cm <sup>2</sup> | PUMP SPEED – 200 SPM (NOMINAL) GEAR<br>RATIO 8:1 MOTOR 1500 RPM |                        |                  |               |
|------------------------------------------------------------------|------------------------|------------------|---------------|---------------|--------------------------------|-----------------------------------------------------------------|------------------------|------------------|---------------|
| Cap<br>LPH                                                       | Suc. Del.<br>mm NB/BSP | % OF<br>Max. Pr. | Motor<br>K.W. |               |                                | Cap<br>LPH                                                      | Suc. Del.<br>mm NB/BSP | % OF<br>Max. Pr. | Motor<br>K.W. |
| 24                                                               | 15                     | 100              | 1.5           | 12            | 230                            | 48                                                              | 15                     | 100              | 0.75          |
| 59                                                               | 15                     |                  |               | 20            | 200                            | 119                                                             | 15                     |                  |               |
| 86                                                               | 15                     |                  |               | 24            | 155                            | 171                                                             | 15                     |                  |               |
| 152                                                              | 25                     |                  |               | 32            | 87                             | 304                                                             | 25                     |                  |               |
| 238                                                              | 25                     | 70               | 2.2           | 40            | 56                             | 475                                                             | 25                     | 70               | 2.2           |
| 342                                                              | 25                     |                  |               | 48            | 39                             | 684                                                             | 40                     |                  |               |
| 433                                                              | 25                     |                  |               | 54            | 31                             | 866                                                             | 40                     |                  |               |
| 571                                                              | 25                     |                  |               | 62            | 23                             | 1142                                                            | 40                     |                  |               |
| 627                                                              | 40                     | 40               | 1.1           | 65            | 21                             | 1255                                                            | 40                     | 40               | 1.1           |
| 770                                                              | 40                     |                  |               | 72            | 17                             | 1540                                                            | 40                     |                  |               |
| 1023                                                             | 40                     |                  |               | 83            | 13                             | 2046                                                            | 40                     |                  |               |
| 1203                                                             | 40                     |                  |               | 90            | 11                             | 2406                                                            | 40                     |                  |               |
| 1484                                                             | 40                     | 25               | 2.2           | 100           | 9                              | 2968                                                            | 40                     | 25               | 2.2           |

### MOC CHART

| Sr. No. | Description      | MOC                 | Sr. No. | Description   | MOC                 |
|---------|------------------|---------------------|---------|---------------|---------------------|
| 01      | PLUNGER          | SS304, SS316, alloy | 01      | Plunger Ring  | PTFE                |
| 02      | Liquid Head      | SS304, SS316, alloy |         |               |                     |
| 03      | Throught Brush   | SS304, SS316, alloy | 02      | Gland Packing | PTFE                |
| 04      | Non return valve | SS304, SS316, alloy | 03      | NRV Balls     | SS304, SS316, alloy |

### FEATURE

1. Precise metering Device.
2. Metering accuracy is independent of back pressure.
3. Plunger is hard chrome plated.
4. Flow rate is linear to stroke length variation.
5. Multiple head plunger pumps with common drive for mixing two or more liquids in a desired ratio.
6. Jacketed liquid heads can be heated by hot water / steam. Ability to transfer and dose products which are highly viscous at room temperature.
7. External arrangement for flushing the gland packing to increase its life is also possible.
8. Remote control facility is available.



### DIMENSIONS IN mm

| A   | B   | C   | D  | E  | F  | G   | I   |
|-----|-----|-----|----|----|----|-----|-----|
| 605 | 490 | 585 | 45 | 70 | 70 | 577 | 305 |

**WEIGHT (App) : 135 Kg • PACKING SIZE : 28X24X23 Inches**