

# XM Series Specifications

|                   |  |
|-------------------|--|
| Type              | Reciprocating diaphragm  |
| Gear Ratio        | 10:1   |
| Flow control      | STROKE control   |
| Mode              | Manual / Automatic (optional):-<br>Designed to accept 4-20mA current signal through VFD. |
| Packing dimension | L - 500mm x B - 325mm x H - 205mm  |

## Performance Parameter

|                       |  |
|-----------------------|--|
| Steady state accuracy | ± 1%   |
| Linearity             | ± 3%   |
| Repeatability         | ± 3%   |
| Tolerance             | - 5% to + 10% on the rated flow<br>@ rated back pressure |
| Suction condition     | Flooded suction  |

## End Connections

|                 |              |
|-----------------|--------------|
| Injection check | 1/2" NPT - M |
| 'Y' Strainer    | 1/2" NPT - F |

## Material of Construction

|                            |                                     |        |
|----------------------------|-------------------------------------|--------|
| Body                       | Aluminium - LM4                     |        |
| Liquid End Adaptor         | CI - IS 210 FG260                   |        |
| Motor Adaptor              | Aluminium - LM4                     |        |
| Base                       | MS fabricated                       |        |
| Pump chamber               | PP                                  | SS 316 |
| Suction check              | PVC                                 | SS 316 |
| Delivery check             | PVC                                 | SS 316 |
| 'Y' Strainer               | PP                                  | SS 316 |
| Injection check            | PVC                                 | SS 316 |
| Ext. Pressure Relief Valve | PVC                                 | SS 316 |
| Diaphragm                  | Teflon - Nitrile Composite          |        |
| Ball seat                  | Teflon                              |        |
| Ball check                 | Ceramic                             |        |
| Tubing                     | LDPE (4m) (OD -12.5mm x ID - 9.5mm) |        |

## Pump Drive

|              |  |
|--------------|--|
| Type         | TEFC induction motor - Class 'F' Insulation  |
| Power supply | 0.25hp, 415V, 3 ph, 50Hz, 1440rpm, AC supply |



## Pump Dimensions

