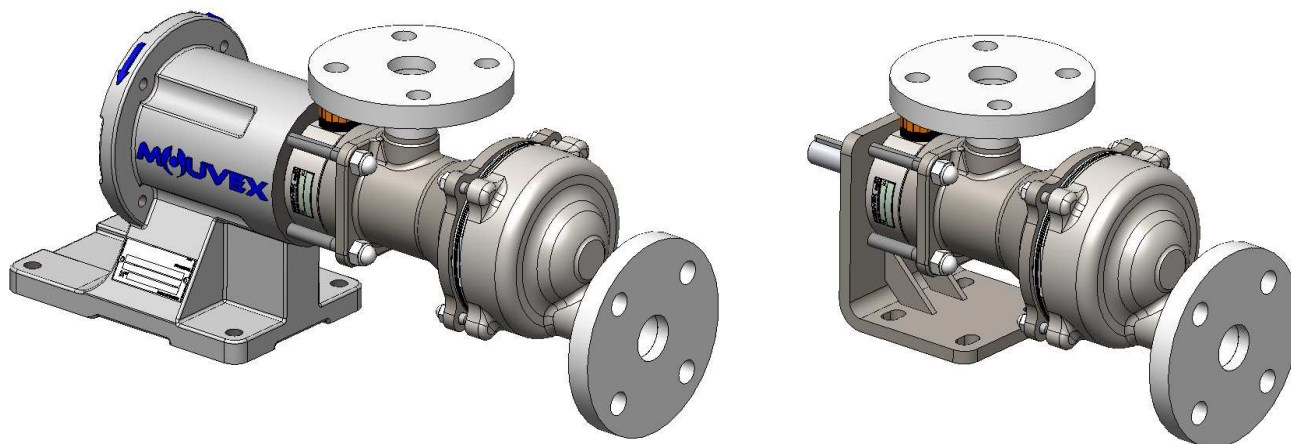
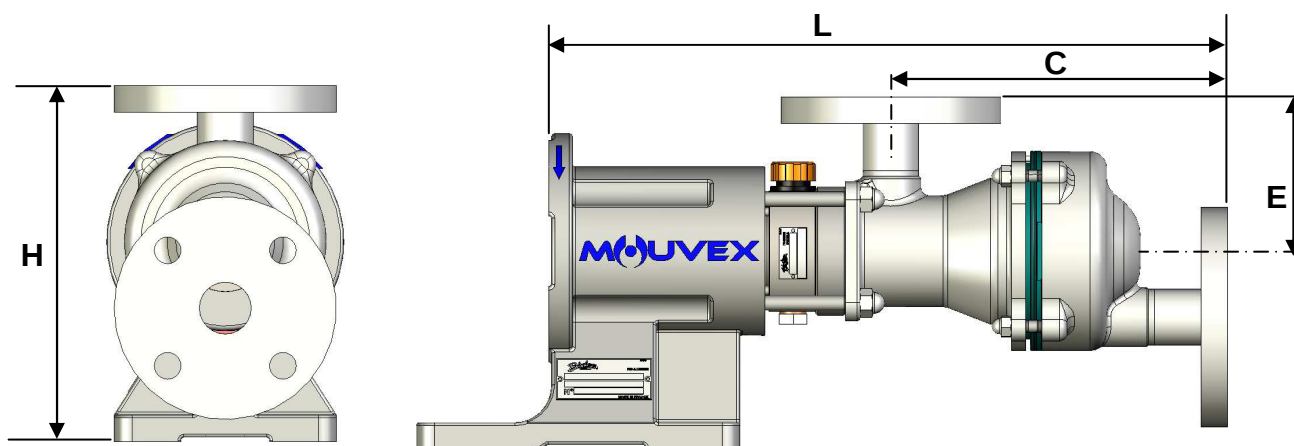




### CHARACTERISTICS

|                                                  |   | STANDARD               | AVAILABLE OPTIONS       |
|--------------------------------------------------|---|------------------------|-------------------------|
| Technology                                       |   | Eccentric Disc Mouvex® |                         |
| Maximum Flow rate at 1 cst (l/h / GPM)           |   | 3000 / 13.2            |                         |
| Cubic capacity (l / cu.in)                       |   | 0.051 / 3.1122         |                         |
| Inlet chamber volume (l / cu.in)                 |   | 0,43 / 26.2            |                         |
| Outlet chamber volume (l / cu.in)                |   | 0,16 / 9.8             |                         |
| Ports                                            |   | DN 40 ISO PN16 flanges | ISO PN20 flanges        |
| Pump heating                                     |   | None                   | Heating jacket          |
| Motor Flange                                     |   | IEC FT130-B34          | NEMA145TC, Foot bracket |
| Dimensions (mm / in.)<br>(With ISO PN16 flanges) | L | 459.5 / 18.091         |                         |
|                                                  | H | 240 / 9.449            |                         |
|                                                  | C | 229.5 / 9.035          |                         |
|                                                  | E | 105 / 4.134            |                         |
| Weight (kg / lbs)                                |   | 23 / 51                |                         |



### OPERATING LIMITS

|                                           | STANDARD MATERIALS                                                  |
|-------------------------------------------|---------------------------------------------------------------------|
| Minimum temperature °C /°F                | -15 / 5                                                             |
| Maximum temperature °C /°F                | Process: 110 / 230    Washing / Rinsing / Sterilisation : 121 / 250 |
| Maximum viscosity (cst / SSU)             | 10000 (46350)                                                       |
| Maximum differential pressure (bar / psi) | 6 / 87                                                              |
| Maximum inlet pressure (bar g/psig)       | 1.5 / 21.7                                                          |
| Maximum speed (rpm)                       | 1000                                                                |
| Maximum solid particle size (mm/in)       | 2 / 0.079                                                           |
| Maximum soft particle size (mm/in)        | 4 / 0.157                                                           |

### MATERIALS OF CONSTRUCTION

| Part No | PART NAME                    | STANDARD MATERIALS                     | AVAILABLE OPTIONS         |
|---------|------------------------------|----------------------------------------|---------------------------|
| 100     | Inlet Tube                   | 316L Stainless Steel (low carbon)      |                           |
| 201     | Cylinder                     | 316L Stainless Steel (low carbon)      |                           |
| 301     | Disc                         | Acteon (A494/A494M)                    |                           |
| 309     | Disc Nut                     | 316Ti Stainless Steel (Titanium Alloy) |                           |
| 400     | Outlet Cover                 | 316L Stainless Steel (low carbon)      |                           |
|         | Bolts                        | 316L Stainless Steel (low carbon)      |                           |
| 781     | Adaptor Flange               | Cast Iron                              |                           |
| 596     | <b>Transmission Assembly</b> |                                        |                           |
|         | Bearings                     | Ball / Roller / Needle                 |                           |
|         | Bellows Assembly             | 316Ti & 316 L Stainless Fabrication    |                           |
|         | Housing                      | 316L Stainless Steel                   |                           |
|         | Screws                       | Steel                                  |                           |
|         | Transmission Lubricant       | Synthetic oil                          |                           |
|         | Seal Rings                   | Fluorocarbon (FKM) O-Rings             | PTFE Encapsulated O-rings |

