



MACHINE DATA: HIGH PRESSURE PLUNGER PUMP



The High Pressure Triplex Plunger Pump is a Positive Displacement Pump designed for a test pressure of 70 Bar. The Pump is equipped with a SS 316 Housing, a Pressure Indicator, a Pressure Transmitter and Safety Relief Valve. The Variable Frequency Driven Motor ensures that products with different Soild Fat Index can be manufactured using the same pump.

Pump Type : Triplex Plunger type Reciprocating Pump Nominal Capacities

| Specifications | 300 kgs/hr | 650 kgs/hr | 1500 kgs/hr | 2500 kgs/hr | 4000 kgs/hr | 5250 kgs/hr | Remarks |
|------------------------------|---|-------------|-------------|-------------|-------------|-------------|---------|
| Stroke length | 20 mm | 40 mm | 40 mm | 40 mm | 40 mm | 80 mm | |
| Plunger Diameter | 12 mm | 45 mm | 45 mm | 45 mm | 54 mm | 60 mm | |
| Speed | 200 rpm | 250 rpm | 300 rpm | 300 rpm | 300 rpm | 300 rpm | |
| Maximum Capacity | 400 kgs/hr | 2500 kgs/hr | 3500 kgs/hr | 4500 kgs/hr | 6000 kgs/hr | 7500 kgs/hr | |
| Discharge Pressure | 75 Bar | 70 Bar | 70 Bar | 70 Bar | 70 Bar | 70 Bar | |
| Capacity variation | Through VFD (Variable Frequency Drive) | | | | | | |
| Recommended Motor | 0.7 KW | 7.5 KW | 11 KW | 15 KW | 18.5 KW | 22 KW | |
| Pump Inlet/Outlet | 1/4" X 1/4" | 1" X 1" | 2" X 1/2" | 2" X 1/2" | 2" X 1/2" | 3" X 2" | |
| Speed Reduction | Through V Belt Pulley drive (From 1440 to 200)/Gear | | | | | | |
| MOC for Wetted Parts | SS304 | | | | | | |
| Speed Indicator | √ | √ | √ | √ | √ | √ | |
| Discharge Pressure Indicator | √ | √ | √ | √ | √ | √ | |
| Safety Refief Valve | √ | √ | √ | √ | √ | √ | |