















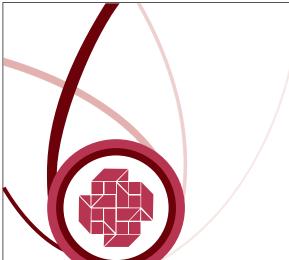




SWASTIK ENTERPRISES, A well established, reputed & well known Manufactures of Dairy Equipments and it's Allied Products in India, since last 35 years. Swastik is today successfully voyaging through the Dairy Equipments of the India and Overseas.. A Leading manufacturer of sophisticated equipments for the Dairy Industry, Swastik has always built the best machinery with the latest technology and has never cut corners where quality is concerned.

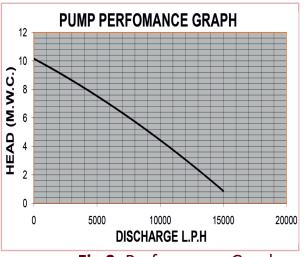
Swastik has over the past 3 decades, continued to be at the facefront in its field. The company has maintained an un waveing commitment to its customers by being proactive in supporting their needs and by providing quality individualized solutions according to their specific need. The company also maintains a rigorous quality assurance program along with R & D efforts in order to provide a cutting edge in the manufacture of Dairy Equipments.

Swastik Having vast experience in the field has ventured to promote an individual and independent Manufacturing Unit, especially and exclusively for manufacturing of SS Centrifugal Milk Pumps / Sanitary Valves & Fittings of Various Models / Sizes, by implementing latest developed technology and design with unique feature, ranging from 0.5 Hp to 10.0 HP to cater the needs of Dairy / Beverage / Chemical / Pharma & Food Processing Industries.









MALE PART

MALE PART

140

114

Fig.2: Performance Graph

Fig.3: Pump Drawing

TECHNICAL DETAILS (0.5HP X 3PH)

Suction : 38 MM (As Per Requirements)
Discharge : 38 MM(As Per Requirements)
Connection type : SMS Union / Tcl And / Flange And

Product Wetted Parts MOC : AISI 304/316

Other Parts MOC : All Parts In SS 304

Seal Type : Single Mechanical Shaft Seal
Seal Combinatin : TC/TC/V, SIC/SIC/V, SS/C/V

Impeller Type : Open Type (dynamically Balanced)

Motor Make : Any Reputed

Motor Drive Detail : 0.5 Hp (2900 Rpm)3 Phase / 1phase Foot Cum Flange

Volt- 415 V / 230 V , Motor Insulation 'f' Class, Frequency 50 Hz, Ip-55

Pole : 2 Poles

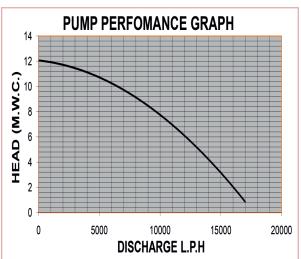
Finish : Surface Polished 180 Grit











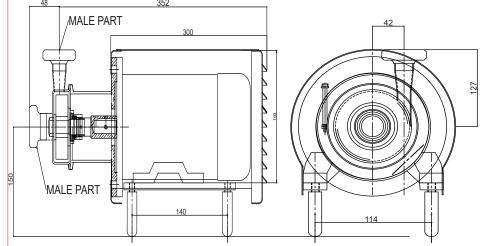


Fig.2: Performance Graph

Fig.3: Pump Drawing

TECHNICAL DETAILS (1 HP X 3PH)

Suction : 38 MM (As Per Requirements)
Discharge : 38 MM(As Per Requirements)
Connection type : SMS Union / Tcl And / Flange And

Product Wetted Parts MOC : AISI 304/316

Other Parts MOC : All Parts In SS 304

Seal Type : Single Mechanical Shaft Seal Seal Combinatin : TC/TC/V, SIC/SIC/V, SS/C/V

Impeller Type : Open Type (dynamically Balanced)

Motor Make : Any Reputed

Motor Drive Detail : 1 Hp (2900 Rpm)3 Phase / 1phase Foot Cum Flange

Volt - 415 V / 230 V , Motor Insulation 'f' Class, Frequency 50 Hz, Ip-55

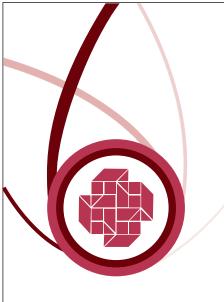
Pole : 2 Poles

Finish : Surface Polished 180 Grit

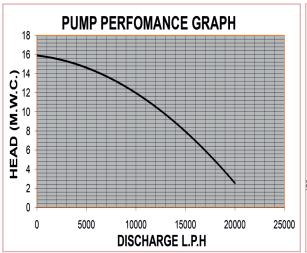




1.5 H.P X 3 P.H







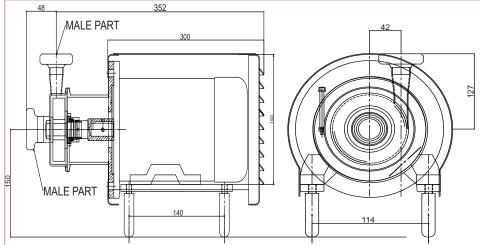


Fig.2: Performance Graph

Fig.3: Pump Drawing

TECHNICAL DETAILS (1.5HP X 3PH)

Suction : 38 MM (As Per Requirements)
Discharge : 38 MM(As Per Requirements)
Connection type : SMS Union / Tcl And / Flange And

Product Wetted Parts MOC : AISI 304/316

Other Parts MOC : All Parts In SS 304

Seal Type : Single Mechanical Shaft Seal Seal Combinatin : TC/TC/V, SIC/SIC/V, SS/C/V

Impeller Type : Open Type (dynamically Balanced)

Motor Make : Any Reputed

Motor Drive Detail : 1.5 Hp (2900 Rpm)3 Phase / 1phase Foot Cum Flange

Volt - 415 V / 230 V , Motor Insulation 'f' Class, Frequency 50 Hz, Ip-55

Pole : 2 Poles

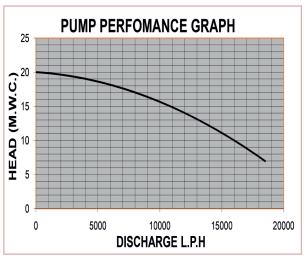
Finish : Surface Polished 180 Grit











MALE PART

WALE PART

140

114

Fig 2: Performance Graph

Fig.3: Pump Drawing

TECHNICAL DETAILS (2 HP X 3PH)

Suction : 51 MM (As Per Requirements)
Discharge : 51 MM(As Per Requirements)
Connection type : SMS Union / Tcl And / Flange And

Product Wetted Parts MOC : AISI 304/316

Other Parts MOC : All Parts In SS 304

Seal Type : Single Mechanical Shaft Seal Seal Combinatin : TC/TC/V, SIC/SIC/V, SS/C/V

Impeller Type : Open Type (dynamically Balanced)

Motor Make : Any Reputed

Motor Drive Detail : 2 Hp (2900 Rpm)3 Phase Foot Cum Flange

Volt 415 V, Motor Insulation 'f' Class, Frequency 50 Hz, Ip-55

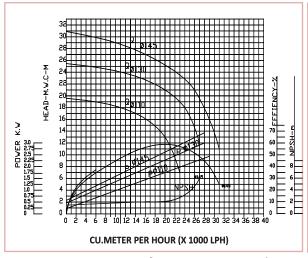
Pole : 2 Poles

Finish : Surface Polished 180 Grit









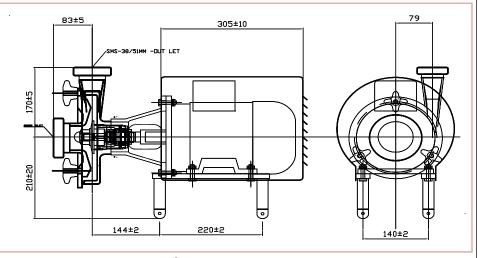


Fig.2: Performance Graph

Fig.3: Pump Drawing

TECHNICAL DETAILS (3 HP X 3PH)

Suction : 51 SMS (As Per Requirements)
Discharge : 51 SMS (As Per Requirements)
Connection Type : SMS Union/ TCL END/ Flange END

Product wetted parts MOC: AISI 316

Other Parts MOC : All Part In SS 304

Seal Type : Single Mechanical Shaft Seal/ Double Mechanical Shaft Seal

Seal Combination : TC/TC/V, SIC/SIC/V, SS/C/V

Impeller Type : Open Type (Dynamically Balanced)

Motor Make : Any Reputed

Motor Drive Details : 3 HP (2900 RPM) 3 Phase, foot cum flange, volt 415 ± 10% Motor Insulation 'F' Class,

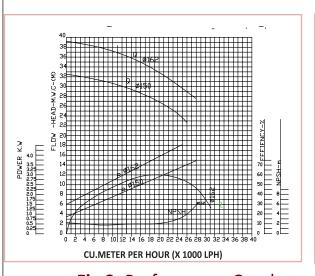
Frequency 50Hz, IP-55

Pole : 2 Poles









350±10 SMS-3B/5IMM -DUT LET

144±10

320

160

Fig.2: Performance Graph

Fig.3: Pump Drawing

TECHNICAL DETAILS (5 HP X 3PH)

Suction : 51 SMS (As Per Requirements)
Discharge : 51 SMS (As Per Requirements)
Connection Type : SMS Union/ TCL END/ Flange END

Product wetted parts MOC: AISI 316

Other Parts MOC : All Part In SS 304

Seal Type : Single Mechanical Shaft Seal/ Double Mechanical Shaft Seal

Seal Combination : TC/TC/V, SIC/SIC/V, SS/C/V

Impeller Type : Open Type (Dynamically Balanced)

Motor Make : Any Reputed

Motor Drive Details : 5 HP (2900 RPM) 3 Phase, foot cum flange, volt 415 ± 10% Motor Insulation 'F' Class,

Frequency 50Hz, IP-55

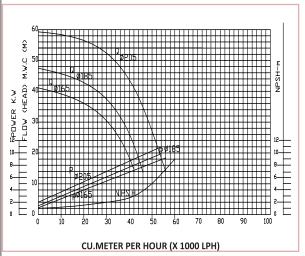
Pole : 2 Poles



7.5 H.P X 3 P.H







72 470 96 SMS-38/5IMM -OUT LET 165.5 320 216

Fig.2: Performance Graph

Fig.3: Pump Drawing

TECHNICAL DETAILS ____ (7 5.HP X 3PH)

Suction : 63 SMS (As Per Requirements)
Discharge : 63 SMS (As Per Requirements)
Connection Type : SMS Union/ TCL END/ Flange END

Product wetted parts MOC: AISI 316

Other Parts MOC : All Part In SS 304

Seal Type : Single Mechanical Shaft Seal/ Double Mechanical Shaft Seal

Seal Combination : TC/TC/V, SIC/SIC/V, SS/C/V

Impeller Type : Open Type (Dynamically Balanced)

Motor Make : Any Reputed

Motor Drive Details : 7.5 HP (2900 RPM) 3 Phase, foot cum flange, volt 415 + 10% Motor Insulation 'F' Class,

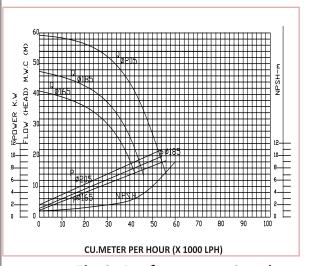
Frequency 50Hz, IP-55

Pole : 2 Poles









72 470 96 SMS-3B/SIMM -DUT LET

165.5 320 216

Fig.2: Performance Graph

Fig.3: Pump Drawing

TECHNICAL DETAILS (10 HP X 3PH)

Suction : 63 SMS (As Per Requirements)
Discharge : 63 SMS (As Per Requirements)
Connection Type : SMS Union/ TCL END/ Flange END

Product wetted parts MOC: AISI 316

Other Parts MOC : All Part In SS 304

Seal Type : Single Mechanical Shaft Seal/ Double Mechanical Shaft Seal

Seal Combination : TC/TC/V, SIC/SIC/V, SS/C/V

Impeller Type : Open Type (Dynamically Balanced)

Motor Make : Any Reputed

Motor Drive Details : 10 HP (2900 RPM) 3 Phase, foot cum flange, volt 415 + 10% Motor Insulation 'F' Class,

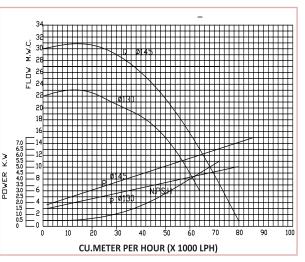
Frequency 50Hz, IP-55

Pole : 2 Poles









89 350 80 144±10 320±10

Fig.2: Performance Graph

Fig.3: Pump Drawing

TECHNICAL DETAILS (3HP X 3PH)

Suction : 51 SMS (As Per Requirements)
Discharge : 51 SMS (As Per Requirements)
Connection Type : SMS Union/ Tcl End/ Flange End

Product wetted parts MOC: AISI 316

Other Parts MOC : All Part In SS 304

Seal Type : Single Mechanical Shaft Seal/ Double Mechanical Shaft Seal

Seal Combination : TC/TC/V, SIC/SIC/V, SS/C/V

Impeller Type : Open Type (Dynamically Balanced)

Motor Make : Any Reputed

Motor Drive Details : 3 HP (2900 RPM) Phase, foot cum flange, volt 415 ± 10% Motor Insulation 'F' Class,

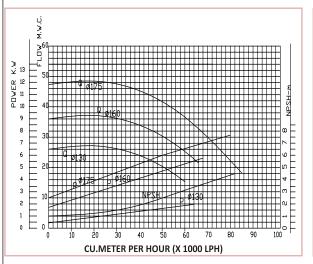
Frequency 50Hz, IP-55

Pole : 2 Poles









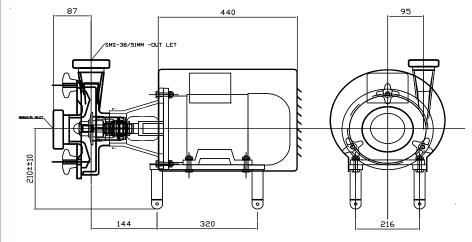


Fig.2: Performance Graph

Fig.3: Pump Drawing

TECHNICAL DETAILS (5 HP X 3PH)

Suction : 51 SMS (As Per Requirements)
Discharge : 51 SMS (As Per Requirements)
Connection Type : SMS Union/ Tcl End/ Flange End

Product wetted parts MOC: AISI 316

Other Parts MOC : All Part In SS 304

Seal Type : Single Mechanical Shaft Seal/ Double Mechanical Shaft Seal

Seal Combination : TC/TC/V, SIC/SIC/V, SS/C/V

Impeller Type : Open Type (Dynamically Balanced)

Motor Make : Any Reputed

Motor Drive Details : 5 HP (2900 RPM) 3 Phase, foot cum flange, volt 415 + 10% Motor Insulation 'F' Class,

Frequency 50Hz, IP-55

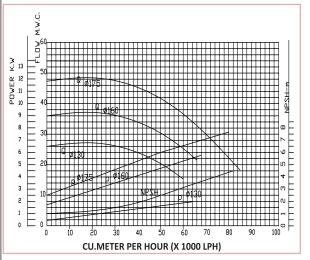
Pole : 2 Poles



7.5 H.P X 3 P.H







87 440 95
SMS-38/5IMM -DLT LET

144 320 216

Fig.2: Performance Graph

Fig.3: Pump Drawing

TECHNICAL DETAILS (7.5 HP X 3PH)

Suction : 63 SMS (As Per Requirements)
Discharge : 63 SMS (As Per Requirements)
Connection Type : SMS Union/ Tcl End/ Flange End

Product wetted parts MOC: AISI 316

Other Parts MOC : All Part In SS 304

Seal Type : Single Mechanical Shaft Seal/ Double Mechanical Shaft Seal

Seal Combination : TC/TC/V, SIC/SIC/V, SS/C/V

Impeller Type : Open Type (Dynamically Balanced)

Motor Make : Any Reputed

Motor Drive Details : 7.5 HP (2900 RPM) 3 Phase, foot cum flange, volt 415 + 10% Motor Insulation 'F' Class,

Frequency 50Hz, IP-55

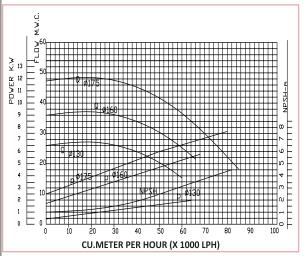
Pole : 2 Poles



10 H.P X 3 H.P







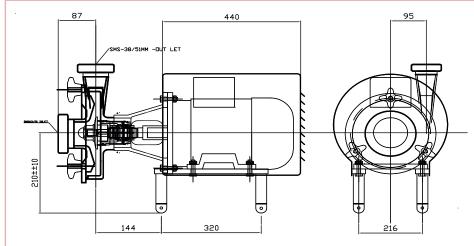


Fig.2: Performance Graph

Fig.3: Pump Drawing

TECHNICAL DETAILS (10 HP X 3PH)

Suction : 63 SMS (As Per Requirements)
Discharge : 63 SMS (As Per Requirements)
Connection Type : SMS Union/ Tcl End/ Flange End

Product wetted parts MOC: AISI 316

Other Parts MOC : All Part In SS 304

Seal Type : Single Mechanical Shaft Seal/ Double Mechanical Shaft Seal

Seal Combination : TC/TC/V, SIC/SIC/V, SS/C/V

Impeller Type : Open Type (Dynamically Balanced)

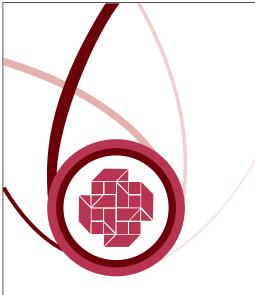
Motor Make : Any Reputed

Motor Drive Details : 10 HP (2900 RPM) 3 Phase, foot cum flange, volt 415 + 10% Motor Insulation 'F' Class,

Frequency 50Hz, IP-55

Pole : 2 Poles





3 H.P. X 3 P.H SHEAR PUMP





Fig.2:half shear Impeller

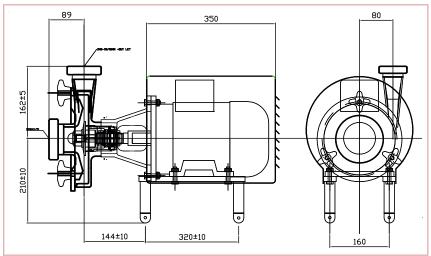


Fig.3: Pump Drawing

TECHNICAL DETAILS (3 HP X 3 PH SHEAR PUMP)

Suction : 51 SMS (As Per Requirements)
Discharge : 51 SMS (As Per Requirements)
Connection Type : SMS Union/ Tcl End/ Flange End

Product wetted parts MOC: AISI 316

Other Parts MOC : All Part In SS 304

Seal Type : Single Mechanical Shaft Seal / Double Mechanical Shaft Seal

Seal Combination : TC/TC/V, SIC/SIC/V, SS/C/V

Impeller Type : Open Type (Dynamically Balanced)

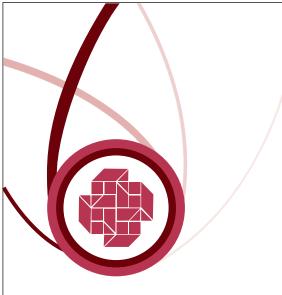
Motor Make : Any Reputed

Motor Drive Details : 3 HP (2900 RPM) 3 Phase, foot cum flange, volt 415 ± 10% Motor Insulation 'F' Class,

Frequency 50Hz, IP-55

Pole : 2 Poles





5 H.P. X 3 P.H SHEAR PUMP





Fig.2:half shear Impeller

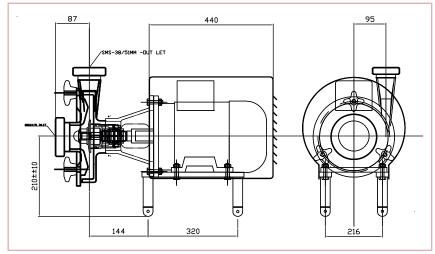


Fig.3: Pump Drawing

TECHNICAL DETAILS (5 HPX3PH SHEAR PUMP)

Suction : 51 SMS (As Per Requirements)
Discharge : 51 SMS (As Per Requirements)
Connection Type : SMS Union/ Tcl End/ Flange End

Product wetted parts MOC: AISI 316

Other Parts MOC : All Part In SS 304

Seal Type : Single Mechanical Shaft Seal/ Double Mechanical Shaft Seal

Seal Combination : TC/TC/V, SIC/SIC/V, SS/C/V

Impeller Type : Open Type (Dynamically Balanced)

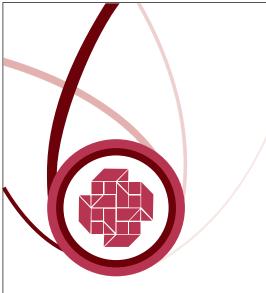
Motor Make : Any Reputed

Motor Drive Details : 5 HP (2900 RPM) 3 Phase, foot cum flange, volt 415 + 10% Motor Insulation 'F' Class,

Frequency 50Hz, IP-55

Pole : 2 Poles





7.5 H.P. X 3 P.H SHEAR PUMP





Fig.2:half shear Impeller

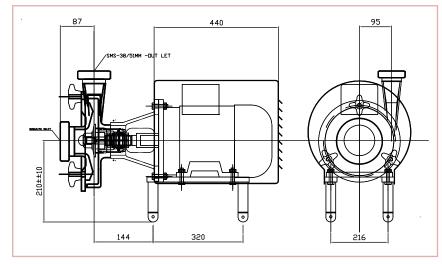


Fig.3: Pump Drawing

TECHNICAL DETAILS (7.5 HPX3PH SHEAR PUMP)

Suction : 63 SMS (As Per Requirements)
Discharge : 63 SMS (As Per Requirements)
Connection Type : SMS Union/ Tcl End/ Flange End

Product wetted parts MOC: AISI 316

Other Parts MOC : All Part In SS 304

Seal Type : Single Mechanical Shaft Seal/ Double Mechanical Shaft Seal

Seal Combination : TC/TC/V, SIC/SIC/V, SS/C/V

Impeller Type : Open Type (Dynamically Balanced)

Motor Make : Any Reputed

Motor Drive Details : 7.5 HP (2900 RPM) 3 Phase, foot cum flange, volt 415 + 10% Motor Insulation 'F' Class,

Frequency 50Hz, IP-55

Pole : 2 Poles







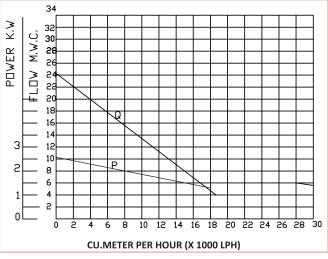


Fig.2: Performance Graph

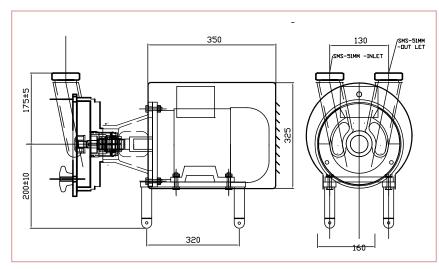


Fig.3: Pump Drawing

TECHNICAL DETAILS (5 HP X 3PH)

Suction : 51 SMS (As Per Requirements)
Discharge : 51 SMS (As Per Requirements)
Connection Type : SMS Union/ TCL END/ Flange END

Product wetted parts MOC: AISI 316

Other Parts MOC : All Part In SS 304

Seal Type : Single Mechanical Shaft Seal/ Double Mechanical Shaft Seal

Seal Combination : TC/TC/V, SIC/SIC/V, SS/C/V Impeller Type : Semi Open Spider Vane Impeller

Motor Make : Any Reputed

Motor Drive Details : 5 HP (1450 RPM) 3 Phase, foot cum flange, volt 415 ± 10% Motor Insulation 'F' Class,

Frequency 50Hz, IP-55

Pole : 4 Poles



7.5 H.P X 3PH





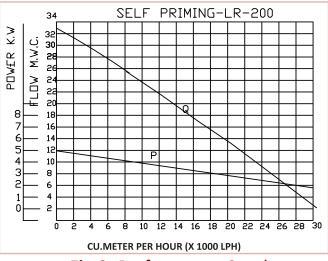


Fig.2: Performance Graph

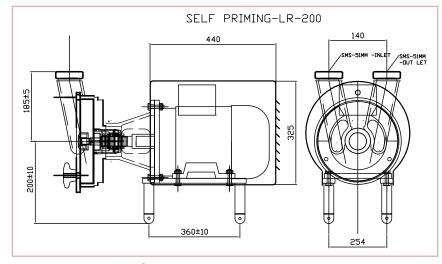


Fig.3: Pump Drawing

TECHNICAL DETAILS (7.5 HP X 3PH)

Suction : 51 SMS (As Per Requirements)
Discharge : 51 SMS (As Per Requirements)
Connection Type : SMS Union/ TCL END/ Flange END

Product wetted parts MOC: AISI 316

Other Parts MOC : All Part In SS 304

Seal Type : Single Mechanical Shaft Seal/ Double Mechanical Shaft Seal

Seal Combination : TC/TC/V, SIC/SIC/V, SS/C/V Impeller Type : Semi Open Spider Vane Impeller

Motor Make : Any Reputed

Motor Drive Details : 7.5 HP (1450 RPM) 3 Phase, foot cum flange, volt 415 + 10% Motor Insulation 'F' Class,

Frequency 50Hz, IP-55

Pole : 4 Poles









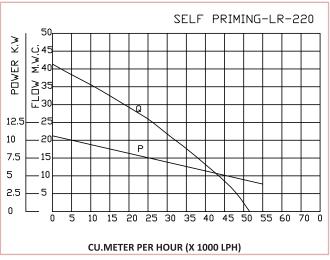


Fig.2: Performance Graph

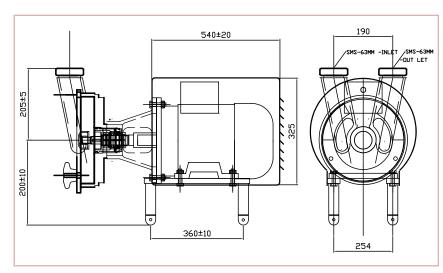


Fig.3: Pump Drawing

TECHNICAL DETAILS (10 HP X 3PH)

Suction : 63 SMS (As Per Requirements)
Discharge : 63 SMS (As Per Requirements)
Connection Type : SMS Union/ TCL END/ Flange END

Product wetted parts MOC: AISI 316

Other Parts MOC : All Part In SS 304

Seal Type : Single Mechanical Shaft Seal/ Double Mechanical Shaft Seal

Seal Combination : TC/TC/V, SIC/SIC/V, SS/C/V Impeller Type : Semi Open Spider Vane Impeller

Motor Make : Any Reputed

Motor Drive Details : 10 HP (1450 RPM) 3 Phase, foot cum flange, volt 415 + 10% Motor Insulation 'F' Class,

Frequency 50Hz, IP-55

Pole : 4 Poles









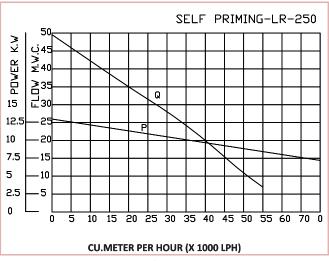


Fig.2: Performance Graph

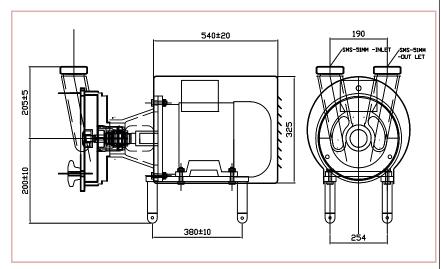


Fig.3: Pump Drawing

TECHNICAL DETAILS (15 HP X 3PH)

Suction : 63 SMS (As Per Requirements) Discharge : 63 SMS (As Per Requirements) **Connection Type** : SMS Union/TCL END/ Flange END

Product wetted parts MOC: AISI 316

: All Part In SS 304 **Other Parts MOC**

: Single Mechanical Shaft Seal/ Double Mechanical Shaft Seal **Seal Type**

: TC/TC/V, SIC/SIC/V, SS/C/V **Seal Combination** : Semi Open Spider Vane Impeller **Impeller Type**

Motor Make : Any Reputed

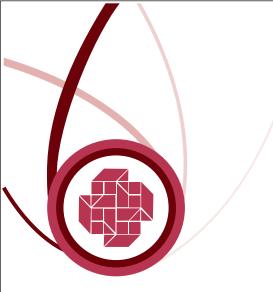
: 15 HP (1450 RPM) 3 Phase, foot cum flange, volt 415 + 10% Motor Insulation 'F' Class, **Motor Drive Details**

Frequency 50Hz, IP-55

: 4 Poles Pole







Pump Specificaations

Pump Type : Svp - 20 (2 Hp)

Impeller : Ø103 Mm

Type Of Impeller : Open Impeller

Suction : 38 Mm Discharge : 38 Mm

Frame Size : 300x350x700 Mm

Pump Type : T - 20 (2.0 Hp)

Impeller : Ø120 Mm

Type Of Impeller : Open Impeller

Suction : 38 Mm Discharge : 38 Mm

Frame Size : 300x350x700 M Honda Engine : GK- 100 / GX- 160 The engine pump is compactly designed by extending the ss shaft with complete alignment to facilitate draining

Swastik valves & pump pune . introduces new product in the market known as mobile pump the engine pump is compactly desigened by extending the ss shaft with complete alignment to facilitate draining any leakage through packing arranged for minimum friction and perfect sealing the pump has been coupled with engine duly provided with stainless steel trolley with support.

The main feature of this pump is the mobility, it can be carried any where and can be operated easily. the material construction is of stainless steel 316 g makes the pump more suitable for food pharmaceutical, cosmetic, breweries and milk dairies.

These pumps meets the demands and uncompromised requirement in hygienic to ensure the gentle product treatment, these pumps have low noise, simple, efficient and economic design and easy to maintain, these pumps can be run by kerosene or diesel and are available in three models.



Engine Specificaations

Engine Type : Side Valve, 4 Stroke, Air Cooled,

Hori zontal shaft, Single Cylinder

Displacement : 7 CC

Bore X Stroke : 52 x 46 mm

Compression Ratio: 4.8:1.0

Fuel : Petrol Start & Kerosene Run

Max. Horse Power : 1.8Hp (1.3Kw)/4200RPM Rated Horse Power : 1.4Hp (1.03Kw)/3600 RPM

Max. Torque : 0.4 Kg.m./3000RPM



POWDER BLENDER



Technical Details

■ INTEGRATED SYSTEM

Swastik's powder mixer incorporates the uniform powder induction of the self priming pump and thorough blending of the shear blender into a single ,compact system.

CONSISTENT POWER INDUCTION

The self priming pump is unparalleled and easily pulling liquids and solids together the table's full -port valve inducts powders fully, eliminates powder bridging and ensures maximum powder induction suction or repeatable results.

BLENDS BETTER

Using an intermeshed rotor /stator system tight gaps at high speeds and high turbulence the powder mixer achieves a complete and consistent mixer, After time.

■ PROCESSES LARGER BATCHES

Since the swastik powder mixer is an in-line system, the batch size is infinity.

■ BLENDS IN MINUTES

Powder can be wetted and dispersed on the first pass through the powder mixer, dramatically reducing process times.

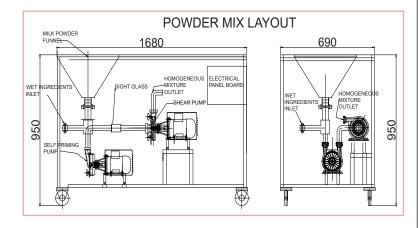
PORTABLE

Smaller model are portable, with locking wheels. The powder mixer can be moved easily to different processes as needed.

■ ERGONOMICS & SAFE

The powder mixer operates at floor-level, eliminating dangerous ladder climbing or a accidental falling or dropping of equipment from mezzanines . Also , with it's weight-height funnel top, there is no bending to porous.





Technical Parameters

| Model | kg/ hr | Self priming pump | Shear pump | (Rpm) |
|---------|-----------|-------------------|---------------|-------|
| svp-165 | 500-1000 | 5 HP | 3 hp | 2800 |
| svp-180 | 1500-2000 | 7.5 HP | 5 hp | 2800 |

■ WHY IT'S BETTER THAN BATCH MIXERS

- Devours lambs and clumps
- Blends in minutes
- Processes larger batches

■ WHY IT'S BETTER THAN FUNNEL /PUMP COMBINATIONS

- High -intensity blending
- Repeatable product consistency

■ NO RISK TRIAL

Swastik offers on -site trials with your product . For only a nominal fee, swastik will put our powder mixer to work for you, so you can see the amazing results for yourself.

- Fully operational powder mixer
- Factory trained technician on -site
- Expert process guidance

• TYPICAL APPICATIONS

DAIRY

- Flavoured milkHumus
- Ice cream mix
- **BEVERAGE**
- Salsa & conditioner
- Sanitizer gel
- FOOD

Soda syrups

Sucrose solution

Green tea



ALL PRODUCT



SHEAR PUMP







CENTRIFUGAL PUMP

SELF PRIMING PUMP







POWDER BLENDER





ALL PRODUCT

MIXING PROOF VALVE





BFV ACTUATOR



BUTTERFLY VALVE



BFV WITH ACTUATOR



PIPE & PIPE FILTER



PLUG VALVE



NON-RETURN VALVE (NRV)



SS FITTING

UNIONS



DISC TYPE FILTER



DIAPRAGAM VALVE







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