

Centrifugal Pump



Mobile Pump



Pneumatically  
Controlled  
Valves



# WELCOME TO THE WORLD OF SRI PUMPS MFG COMPANY

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## Company Profile

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Sri Pumps Manufacturing Company is located at Morampudi Junction, near to NH-5 in Rajahmundry. The Town which is on the Banks of Holy River Godavari, established under Technical guidance of M/s. Swastik Enterprises who have 30 years reputation for quality products.

## Products Offered

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Sri Pumps Manufacturing Company offers wide range of Monoblock Centrifugal Pumps, Engine Coupled Pumps, Pneumatically Operated Valves, Filter and other Piping Accssories to cater the needs of Process Industries. The M.O.C. is of Stainless Steel 316G makes these pumps more suitable for Food, Pharmaceutical Breweries, Cosmotic and Edible Oil Industries.

The Company is well equipped with Hi-Tech Manufacturing facilities for Precision Casting, Sophisticated Fabrication, CNC Machining and Assembling of product under one roof to achieve self reliance and efficiency.

## Quality in Product Development

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Our Quality Management System conforms to the Quality Management System standard ISO 9001 - 2000, facilities include in House Design, Production, Manufacturing, Quality Control, Inspection after Sales.

## Marketing

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Marketing is through a network of direct Marketing Executives. The company has complete marketing infrastructure all over India to meet the customer's requirements with its competitive products and reliable services.





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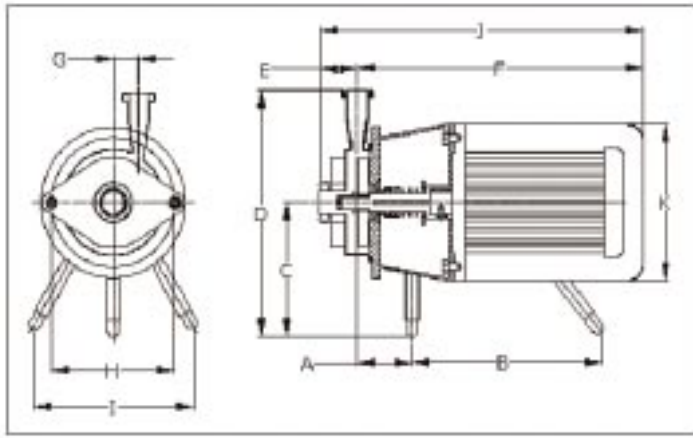
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Advertisers :

**SRI PUMPS & FITTINGS INDUSTRIAL CORPORATION**

Rajahmundry

## DIMENSIONS FOR PUMPS (In mm)



Notation	0.5 HP	1.0 HP	1.5 HP	2.0 HP	3.0 HP	3.5 HP	5 HP	7.5 HP
<b>A</b>	65	70	70	90	90	75	80	80
<b>B</b>	230	265	260	280	290	340	340	340
<b>C</b>	150	155	170	155	180	240	240	240
<b>D</b>	280	300	300	300	360	420	465	465
<b>E</b>	57	75	75	75	80	60	70	70
<b>F</b>	323	345	345	355	370	450	455	455
<b>G</b>	35	38	38	38	63	70	75	75
<b>H</b>	140	160	165	165	220	220	--	--
<b>I</b>	160	200	195	190	250	250	250	250
<b>J</b>	380	420	420	430	450	510	525	525
<b>K</b>	163	203	203	203	203	253	253	253



## INTRODUCTION



### **SANITARY STAINLESS STEEL CENTRIFUGAL PUMPS**

The Production requirements in the Food, Pharmaceutical, Cosmetic, Breweries and not least in the Dairy Industries are constantly increasing, products should on the one hand, last longer and on the other, still stay fresh. For the production process this means that every production stage must be carried out with the utmost care. In almost all Manufacturing Processes Pumps are the driving forces. So the hygienic requirements placed on them have also significantly increased. SPM's Hygienic Pumps are suitable for the above mentioned areas. These Pumps meet the demands and uncompromising requirements in hygienic to ensure the gentle product treatment. The Motor Pump is compactly designed by extending the SS Shaft with complete alignment to facilitate draining, any leakage through packing arranged for minimal friction and perfect sealing. The arrangement is quite suitable for replacement of Motor of same size and capacity easily without waiting for the repair of Motor.

#### **SALIENT FEATURES:**

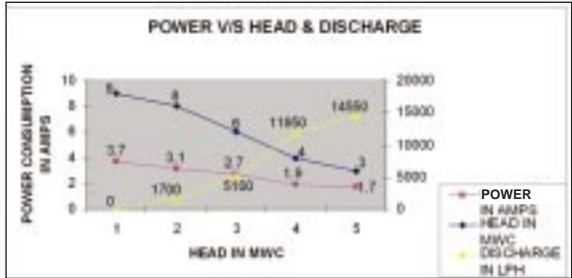
- Every component is of AISI 304/316.
- Impeller is of Investment Casting.
- Mechanical Seal is of Carbon, Spring loaded, Stellite face plate.
- Motors are of standard make (Kirloskar, Crompton and Bharat Bijilee.)
- Inlet/outlet with different connections conforming to SMS, DIN & IDF as per customers requirements.
- Low power consumption and low noise level.
- Motor can be easily assembled/disassembled.
- Long service intervals and minimum product agitation.
- Easy maintenance, fast strip down and cleaning.

The above Pumps have all advantages of Monoblock type as well as coupled type. The Pumps are available from 0.5 HP to 10.0 HP.

**0.5 HP PUMP (1/3 PHASE) MODEL # 0.53885OPI**



S/N	CAPACITY		HEAD	MAX.
	IN LPH	Cu.m/Hr	Cu.m/Hr	Cu.m/Hr
1	0.00	0.00	9	3.70
2	1700	1.70	8	3.10
3	5100	5.10	6	2.70
4	11950	11.95	4	1.90
5	14550	14.55	3	1.70

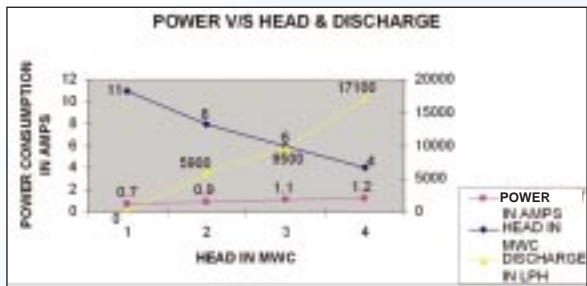


- MAXIMUM CAPACITY : 15,000 LPH @ 2MWC head
- MAXIMUM HEAD : 8MWC with 1700LPH
- IMPELLER : TOTALLY OPEN IN 75/85 MM
- MOTOR : 0.5 AT 2790 RPM. OPTION OF FLAME PROOF VERSION
- CONNECTION : THREADED IN 38 MM (1½") SUCTION & DISCHARGE IN SMS, IDF/DIN/FLANGED ENDS ARE OPTIONAL.
- MECH. SEAL : CARBON V/S SS316 IS STANDARD. OTHER FACE COMBINATIONS ARE ALSO AVAILABLE.
- VERSION : MONOBLOCK SUPPORTED ON 3 STAINLESS STEEL 304 LEGS. TROLLEY MOUNTED PUMPS AS OPTION.

**0.75 HP PUMP (1/3 PHASE) MODEL # 0.75389OPI**



S/N	CAPACITY		HEAD	MAX.
	IN LPH	Cu.m/Hr.	IN MWC	CURRENT
1	0	0.00	12	2.4
2	6000	6.00	8	3.2
3	12800	12.80	6	3.5
4	17100	17.10	4	3.9



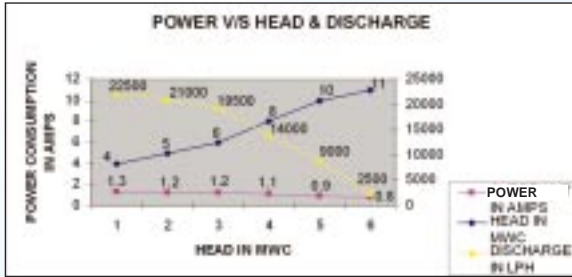
- MAXIMUM CAPACITY : 18000LPH @ 3MWC head
- MAXIMUM HEAD : 8MWC with 6000LPH
- IMPELLER : TOTALLY OPEN IN 85/90 MM
- MOTOR : 0.75 AT 2790 RPM. OPTION OF FLAME PROOF VERSION
- CONNECTION : THREADED IN 38 MM (1½") SUCTION & DISCHARGE IN SMS, IDF/DIN/FLANGED ENDS ARE OPTIONAL.
- MECH. SEAL : CARBON V/S SS316 IS STANDARD. OTHER FACE COMBINATIONS ARE ALSO AVAILABLE.
- VERSION : MONOBLOCK SUPPORTED ON 3 STAINLESS STEEL 304 LEGS. TROLLEY MOUNTED PUMPS AS OPTION.



### 1.0HP (1/3 PHASE) MODEL # 13895OPI



S/N	CAPACITY		HEAD IN MWC	MAX. CURRENT
	IN LPH	Cu.m/Hr		
1	22500	22.50	4	1.3
2	21000	21.00	5	1.2
3	19500	19.50	6	1.2
4	14000	14.00	8	1.1
5	9000	9.00	10	0.9
6	2500	2.50	11	0.8

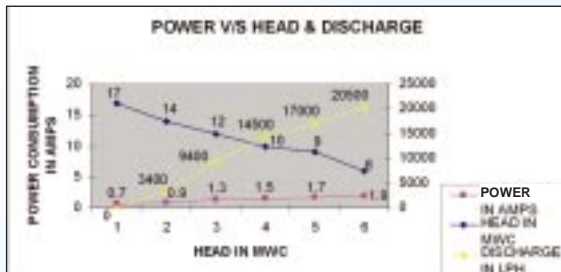


- MAXIMUM CAPACITY : 22500 LPH @ 4 MWC
- MAXIMUM HEAD : 11MWC with 2500 LPH
- IMPELLER : TOTALLY OPEN IN 95 MM
- MOTOR : 1.0 AT 2800 RPM. OPTION OF FLAME PROOF VERSION
- CONNECTION : THREADED IN 38 MM (1½") SUCTION & DISCHARGE IN SMS, IDF/DIN/FLANGED ENDS ARE OPTIONAL.
- MECH. SEAL : CARBON V/S SS316 IS STANDARD. OTHER FACE COMBINATIONS ARE ALSO AVAILABLE.
- VERSION : MONOBLOCK SUPPORTED ON 3 STAINLESS STEEL 304 LEGS. TROLLEY MOUNTED PUMPS AS OPTION.

### 1.0HP THREE PHASE MODEL # 138120OPI



S/N	CAPACITY		HEAD IN MWC	MAX. CURRENT
	IN LPH	Cu.m/Hr		
1	0.00	0.00	17.0	0.7
2	3400	3.40	14.0	0.9
3	9400	9.40	12.0	1.3
4	14500	14.50	10.0	1.5
5	17000	17.00	9.0	1.7
6	20500	20.50	6.0	1.9



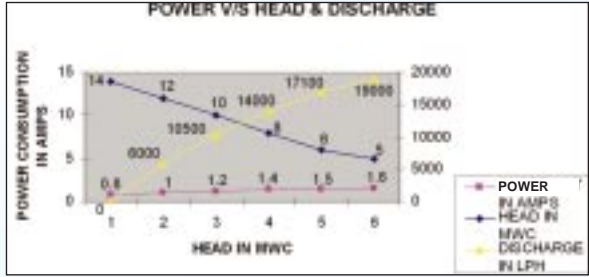
- MAXIMUM CAPACITY : 24500 LPH @ 4 MWC
- MAXIMUM HEAD : 14MWC with 3400 LPH
- IMPELLER : TOTALLY OPEN IN 120 MM
- MOTOR : 1.0 AT 2800 RPM. OPTION OF FLAME PROOF VERSION
- CONNECTION : THREADED IN 38 MM (1½") SUCTION & DISCHARGE IN SMS, IDF/DIN/FLANGED ENDS ARE OPTIONAL.
- MECH. SEAL : CARBON V/S SS316 IS STANDARD. OTHER FACE COMBINATIONS ARE ALSO AVAILABLE.
- VERSION : MONOBLOCK SUPPORTED ON 3 STAINLESS STEEL 304 LEGS. TROLLEY MOUNTED PUMPS AS OPTION.



### 1.5 HP PUMP MODEL # 1538103OPI



S/N	CAPACITY		HEAD	MAX.
	IN LPH	Cu.m/Hr	IN MWC	CURRENT
1	0.00	0.00	14	0.8
2	6000	6.00	12	1.0
3	10500	10.50	10	1.2
4	14000	14.00	8	1.4
5	17100	17.10	6	1.5
6	19000	19.00	5	1.6

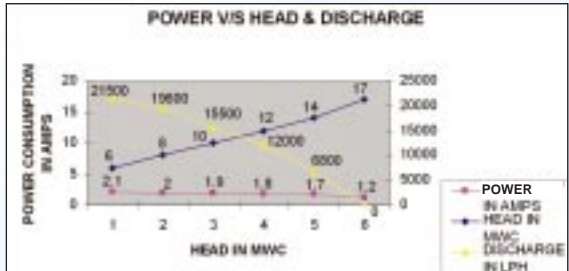


- MAXIMUM CAPACITY : 19000 LPH @ 5MWC
- MAXIMUM HEAD : 12MWC with 6000 LPH
- IMPELLER : TOTALLY OPEN IN 103 MM
- MOTOR : 1.5 AT 2790 RPM. OPTION OF FLAME PROOF VERSION
- CONNECTION : THREADED IN 38 MM (1½") SUCTION & DISCHARGE IN SMS, IDF/DIN/FLANGED ENDS ARE OPTIONAL.
- MECH. SEAL : CARBON V/S SS316 IS STANDARD. OTHER FACE COMBINATIONS ARE ALSO AVAILABLE.
- VERSION : MONOBLOCK SUPPORTED ON 3 STAINLESS STEEL 304 LEGS. TROLLEY MOUNTED PUMPS AS OPTION.

### 2.0 HP PUMP MODEL # 2038120OPI



S/N	CAPACITY		HEAD	MAX.
	IN LPH	Cu.m/Hr	IN MWC	CURRENT
1	21500	21.50	6	2.1
2	19600	19.60	8	2.0
3	15500	15.50	10	1.9
4	12000	12.00	12	1.8
5	6800	6.80	14	1.7
6	0.00	0.00	17	1.2



- MAXIMUM CAPACITY : 21500 LPH @ 6MWC
- MAXIMUM HEAD : 14MWC with 6800LPH
- IMPELLER : TOTALLY OPEN IN 120 MM
- MOTOR : 2.0 AT 2790 RPM. OPTION OF FLAME PROOF VERSION
- CONNECTION : THREADED IN 38 MM (1½") SUCTION & DISCHARGE IN SMS, IDF/DIN/FLANGED ENDS ARE OPTIONAL.
- MECH. SEAL : CARBON V/S SS316 IS STANDARD. OTHER FACE COMBINATIONS ARE ALSO AVAILABLE.
- VERSION : MONOBLOCK SUPPORTED ON 3 STAINLESS STEEL 304 LEGS. TROLLEY MOUNTED PUMPS AS OPTION.

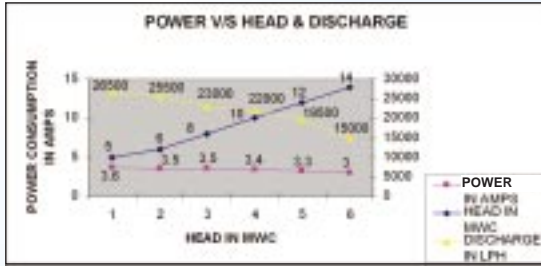




## 2.0 HP PUMP MODEL # 2051140CLSD



S/N	CAPACITY		HEAD IN MWC	MAX. CURRENT
	IN LPH	Cu.m/Hr		
1	26500	26.5	5	3.6
2	25500	25.5	6	3.5
3	23000	23.0	8	3.5
4	22000	22.0	10	3.4
5	19500	19.5	12	3.3
6	15000	15.0	14	3.0

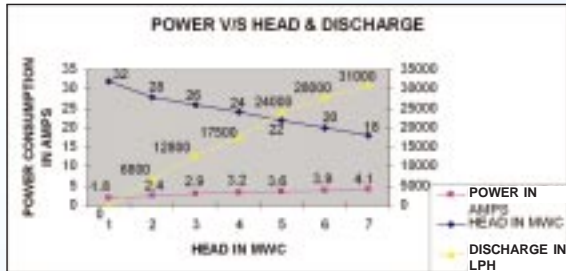


- MAXIMUM CAPACITY : 26500 LPH @ 5MWC
- MAXIMUM HEAD : 20 MWC with 5000LPH
- IMPELLER : CLOSED IN 140 MM
- MOTOR : 2.0 AT 2820RPM. OPTION OF FLAME PROOF VERSION
- CONNECTION : THREADED IN 51 MM (2") SUCTION & DISCHARGE IN SMS, IDF/DIN/FLANGED ENDS ARE OPTIONAL.
- MECH. SEAL : CARBON V/S SS316 IS STANDARD. OTHER FACE COMBINATIONS ARE ALSO AVAILABLE.
- VERSION : MONOBLOCK SUPPORTED ON 3 STAINLESS STEEL 304 LEGS. TROLLEY MOUNTED PUMPS AS OPTION.

## 3.0 HP PUMP MODEL # 3051155CLSDI



S/N	CAPACITY		HEAD IN MWC	MAX. CURRENT
	IN LPH	Cu.m/Hr		
1	0	0.00	32	1.8
2	6800	6.80	28	2.4
3	12800	12.80	22	2.9
4	17500	17.50	24	3.2
5	24000	24.00	22	3.6
6	28000	28.00	20	3.9
7	31000	31.00	18	4.1



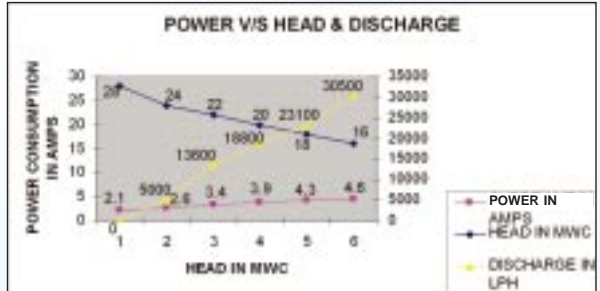
- MAXIMUM CAPACITY : 31000 LPH @ 18MWC
- MAXIMUM HEAD : 28 MWC with 6800 LPH
- IMPELLER : TOTALLY CLOSED IN 155 MM
- MOTOR : 3.0 AT 2790 RPM. OPTION OF FLAME PROOF VERSION
- CONNECTION : THREADED IN 51 MM (2") SUCTION & DISCHARGE IN SMS, IDF/DIN/FLANGED ENDS ARE OPTIONAL.
- MECH. SEAL : CARBON V/S SS316 IS STANDARD. OTHER FACE COMBINATIONS ARE ALSO AVAILABLE.
- VERSION : MONOBLOCK SUPPORTED ON 3 STAINLESS STEEL 304 LEGS. TROLLEY MOUNTED PUMPS AS OPTION.



### 3.0 HP PUMP MODEL # 305116SOPI



S/N	CAPACITY		HEAD		MAX.
	IN LPH	Cu.m/Hr	IN MWC	CURRENT	
1	0.00	0.00	28	2.1	
2	5000	5.00	24	2.6	
3	13600	13.60	22	3.4	
4	18800	18.80	20	3.9	
5	23100	23.10	18	4.3	
6	30500	30.50	16	4.6	

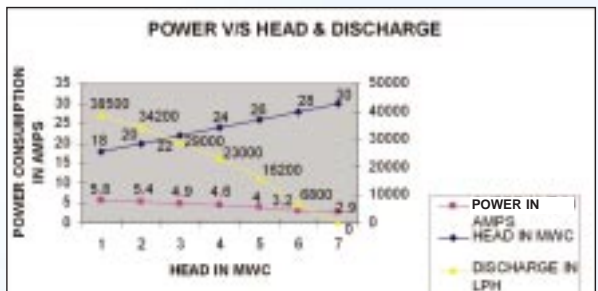


- MAXIMUM CAPACITY : 30500 LPH @ 16 MWC
- MAXIMUM HEAD : 24 MWC with 5000 LPH
- IMPELLER : SEMI OPEN IN 150/160 MM
- MOTOR : 3.0 AT 2790 RPM. OPTION OF FLAME PROOF VERSION
- CONNECTION : THREADED IN 51 MM (2") SUCTION & DISCHARGE IN SMS, IDF/DIN/FLANGED ENDS ARE OPTIONAL.
- MECH. SEAL : CARBON V/S SS316 IS STANDARD. OTHER FACE COMBINATIONS ARE ALSO AVAILABLE.
- VERSION : MONOBLOCK SUPPORTED ON 3 STAINLESS STEEL 304 LEGS. TROLLEY MOUNTED PUMPS AS OPTION.

### 3.5 HP PUMP MODEL # 3.551165SOPI



S/N	CAPACITY		HEAD		MAX.
	IN LPH	Cu.m/Hr	IN MWC	CURRENT	
1	38500	38.50	18	5.8	
2	34200	34.20	20	5.4	
3	29000	29.00	22	4.9	
4	23000	23.00	24	4.6	
5	16200	16.20	26	4.0	
6	6800	6.80	28	3.2	
7	0	0.00	30	2.9	



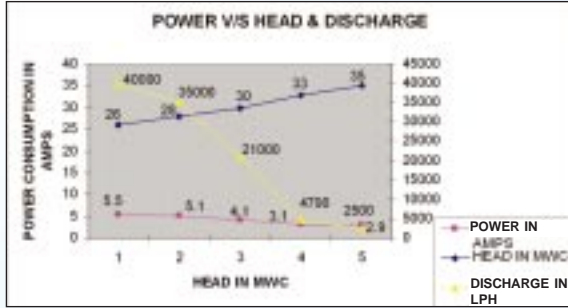
- MAXIMUM CAPACITY : 38500 LPH @ 18 MWC
- MAXIMUM HEAD : 28 MWC with 6800 LPH
- IMPELLER : SEMI OPEN IN 165 MM
- MOTOR : 3.5 AT 2790 RPM. OPTION OF FLAME PROOF VERSION
- CONNECTION : THREADED IN 51 MM (2") SUCTION & DISCHARGE IN SMS, IDF/DIN/FLANGED ENDS ARE OPTIONAL.
- MECH. SEAL : CARBON V/S SS316 IS STANDARD. OTHER FACE COMBINATIONS ARE ALSO AVAILABLE.
- VERSION : MONOBLOCK SUPPORTED ON 3 STAINLESS STEEL 304 LEGS. TROLLEY MOUNTED PUMPS AS OPTION.



**5.0 HP PUMP MODEL # 5051165OPI**



S/N	CAPACITY		HEAD IN MWC	MAX. CURRENT
	IN LPH	Cu.m/Hr		
1	40000	40.0	26	5.5
2	35000	35.0	28	5.1
3	21000	21.0	30	4.1
4	4790	4.79	33	3.1
5	2500	2.50	35	2.9

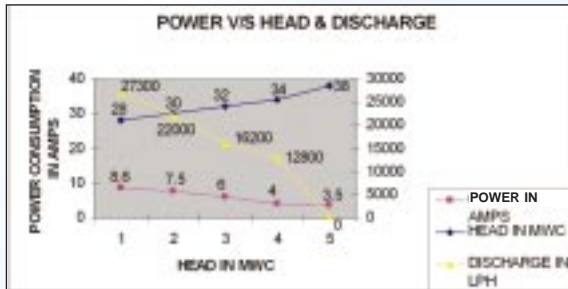


- MAXIMUM CAPACITY : 40000 LPH @ 26 MWC
- MAXIMUM HEAD : 35 MWC with 2500 LPH
- IMPELLER : SEMI OPEN IN 160/165 MM
- MOTOR : 5.0 AT 2790 RPM. OPTION OF FLAME PROOF VERSION
- CONNECTION : THREADED IN 51 MM (2") SUCTION & DISCHARGE IN SMS, IDF/DIN/FLANGED ENDS ARE OPTIONAL.
- MECH. SEAL : CARBON V/S SS316 IS STANDARD. OTHER FACE COMBINATIONS ARE ALSO AVAILABLE.
- VERSION : MONOBLOCK SUPPORTED ON 3 STAINLESS STEEL 304 LEGS. TROLLEY MOUNTED PUMPS AS OPTION.

**5.0 HP PUMP MODEL # 5051170PI**



S/N	CAPACITY		HEAD IN MWC	MAX. CURRENT
	IN LPH	Cu.m/Hr		
1	27300	27.30	28	8.6
2	22000	22.00	30	7.5
3	16200	16.20	32	6.0
4	12800	12.80	34	4.0
5	0.00	0.00	38	3.5



- MAXIMUM CAPACITY : 40000 LPH @ 6 MWC
- MAXIMUM HEAD : 34 MWC with 12800 LPH
- IMPELLER : TOTALLY OPEN IN 170/190 MM
- MOTOR : 5.0 AT 2790 RPM. OPTION OF FLAME PROOF VERSION
- CONNECTION : THREADED IN 51 MM (2") SUCTION & DISCHARGE IN SMS, IDF/DIN/FLANGED ENDS ARE OPTIONAL.
- MECH. SEAL : CARBON V/S SS316 IS STANDARD. OTHER FACE COMBINATIONS ARE ALSO AVAILABLE.
- VERSION : MONOBLOCK SUPPORTED ON 3 STAINLESS STEEL 304 LEGS. TROLLEY MOUNTED PUMPS AS OPTION.

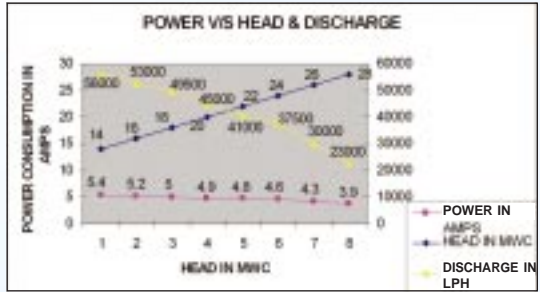


MANUFACTURERS OF SS CENTRIFUGAL PUMPS, PNEUMATICALLY OPERATED VALVES

### 5.0 HP PUMP MODEL # 5051155CLSD



S/N	CAPACITY		HEAD	MAX.
	IN LPH	Cu.m /Hr.	IN MWC	CURRENT
1	56000	56.0	14	5.4
2	53000	53.0	16	5.2
3	49500	49.5	18	5.0
4	45000	45.0	20	4.9
5	41000	41.0	22	4.8
6	37500	37.5	24	4.6
7	30000	30.0	26	4.3
8	23000	23.0	28	3.9
9	6800	6.80	30	3.6
10	2500	2.50	32	3.1
11	0.00	0.00	34	2.9

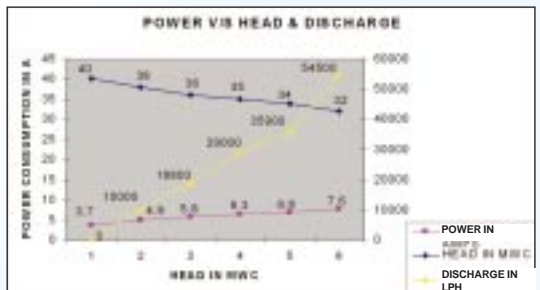


- MAXIMUM CAPACITY : 49500 LPH @ 18 MWC
- MAXIMUM HEAD : 30 MWC with 6800 LPH
- IMPELLER : TOTALLY CLOSED IN 155 MM
- MOTOR : 5.0 AT 2790 RPM. OPTION OF FLAME PROOF VERSION
- CONNECTION : THREADED IN 51 MM (2") SUCTION & DISCHARGE IN SMS, IDF/DIN/FLANGED ENDS ARE OPTIONAL.
- MECH. SEAL : CARBON V/S SS316 IS STANDARD. OTHER FACE COMBINATIONS ARE ALSO AVAILABLE.
- VERSION : MONOBLOCK SUPPORTED ON 3 STAINLESS STEEL 304 LEGS. TROLLEY MOUNTED PUMPS AS OPTION.

### 7.5 HP PUMP MODEL # 7563175OPI



S/N	CAPACITY		HEAD	MAX.
	IN LPH	Cu.m/Hr	IN MWC	CURRENT
1	54500	54.5	32	7.6
2	35900	35.9	34	6.8
3	29000	29.0	35	6.3
4	18800	18.8	36	5.8
5	10000	10.0	38	4.9
6	0.000	0.0	40	3.7



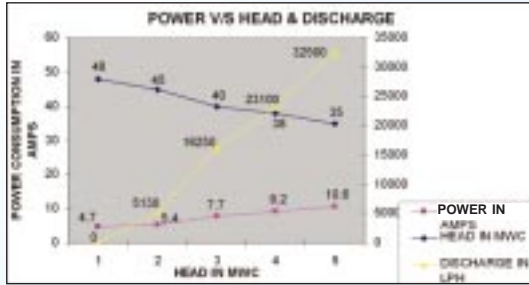
- MAXIMUM CAPACITY : 54500 LPH @ 32 MWC
- MAXIMUM HEAD : 38 MWC with 10000 LPH
- IMPELLER : TOTALLY OPEN IN 175 MM
- MOTOR : 7.5 AT 2790 RPM. OPTION OF FLAME PROOF VERSION
- CONNECTION : THREADED IN 63 MM (2½") SUCTION & DISCHARGE IN SMS, IDF/DIN/FLANGED ENDS ARE OPTIONAL.
- MECH. SEAL : CARBON V/S SS316 IS STANDARD. OTHER FACE COMBINATIONS ARE ALSO AVAILABLE.
- VERSION : MONOBLOCK SUPPORTED ON 3 STAINLESS STEEL 304 LEGS. TROLLEY MOUNTED PUMPS AS OPTION.



### 7.5 HP PUMP MODEL # 7.563190PI



S/N	CAPACITY		HEAD		MAX.
	IN LPH	Cu.m/Hr	IN MWC		CURRENT
1	0.00	00.0	48		4.7
2	5130	5.13	45		5.4
3	16250	16.25	40		7.7
4	23100	23.10	38		9.2
5	32500	32.50	35		10.6

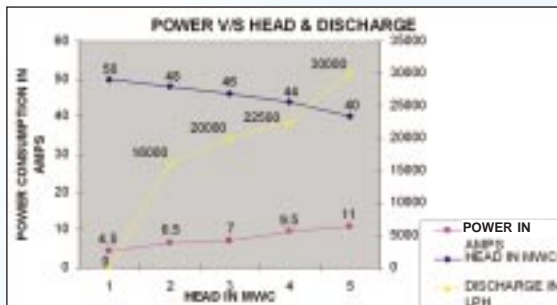


- MAXIMUM CAPACITY : 32500 LPH @ 35 MWC
- MAXIMUM HEAD : 45 MWC with 5000 LPH
- IMPELLER : TOTALLY OPEN IN 190 MM
- MOTOR : 7.5 AT 2790 RPM. OPTION OF FLAME PROOF VERSION
- CONNECTION : THREADED IN 63 MM (2½") SUCTION & DISCHARGE IN SMS, IDF/DIN/FLANGED ENDS ARE OPTIONAL.
- MECH. SEAL : CARBON V/S SS316 IS STANDARD. OTHER FACE COMBINATIONS ARE ALSO AVAILABLE.
- VERSION : MONOBLOCK SUPPORTED ON 3 STAINLESS STEEL 304 LEGS. TROLLEY MOUNTED PUMPS AS OPTION.

### 10 HP PUMP MODEL # 10.063210CLSD



S/N	CAPACITY		HEAD		MAX.
	IN LPH	Cu.m/Hr	IN MWC		CURRENT
1	0.00	0.00	50		4.5
2	16000	16.00	48		6.5
3	20000	20.00	46		7.0
4	22500	22.50	44		9.5
5	30000	30.00	40		11.0
6	32500	32.50	38		13.5



- MAXIMUM CAPACITY : 62500 LPH @ 12 MWC
- MAXIMUM HEAD : 48 MWC with 16000 LPH
- IMPELLER : TOTALLY CLOSED IN 210 MM
- MOTOR : 10.0 AT 2790 RPM. OPTION OF FLAME PROOF VERSION
- CONNECTION : THREADED IN 63 MM (2½") SUCTION & DISCHARGE IN SMS, IDF/DIN/FLANGED ENDS ARE OPTIONAL.
- MECH. SEAL : CARBON V/S SS316 IS STANDARD. OTHER FACE COMBINATIONS ARE ALSO AVAILABLE.
- VERSION : MONOBLOCK SUPPORTED ON 3 STAINLESS STEEL 304 LEGS. TROLLEY MOUNTED PUMPS AS OPTION.



## MECHANICAL SEALS

Mechanical seal is the key component of a pump, its function is to prevent any leakage of fluid between the rotating shaft and stationary body of the pump and to protect the bearing from any fluid intrusion, which will lead to pump failure. The life of the pump depends on the quality of the seal fitted in the pump for optimum performance of the seal it is important to select the correct combination of seals.

SPMC provide mechanical seals for Food, and Dairy equipments, the company have sufficient experience of supplying such mechanical seals with carbon vs T.C, T.C vs T.C & Carbon vs Niresist faces. It provide Viton as Elastomer, Stellite or Tungsten carbide for seat & best grade Carbon for rotary face to ensure better life and best quality. All the raw materials are suited to food grade applications.

### Double Mechanical Seals :

D.M.Seals facilitate operation under evaporating conditions and prevent product contamination and environmental pollution in the form of product spillage. SPMC Pumps with Double Mechanical Seals are fully suitable for CIP cleaning in process industries.,

### Teflon Bellow Mechanical Seals:

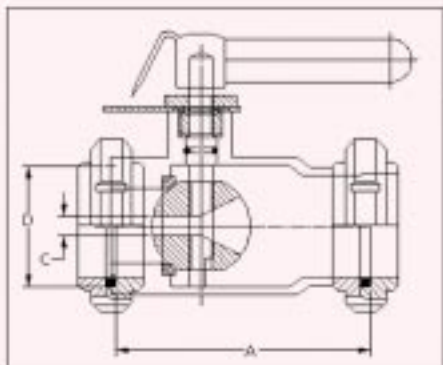
These are multi-spring, externally mounted mechanical seals, suitable for corrosive liquids, its special design eliminates contact of metal components of seal from corrosive media. These are offered with standard GFT v/s ceramic faces, and can also be offered in silicon carbide faces for special applications.

Applications: Corrosive Fluids, Acids, Mild Alkalies, Reducing agents.  
Temperature: up to 130°C (Max).

SPMC has got reputation of solving critical problems of mechanical seals & providing best quality goods at very reasonable price with fastest deliveries.

*"We Welcome Our New Customer To Give Us An Opportunity To Serve In Better Way. We Extend Our Sincere Thanks To Our Existing Customers For Their Supports."*

## FLOW REGULATING VALVE (BALL CONTROL)



Nom. Size	Nom. Size		Valve
D	D	A	D
INCHES	MM	MM	"C" MM
1 1/2"	38.1	90.0	6.0
2"	50.8	108.0	8.0
2 1/2"	63.5	128.0	10.0
3"	76.2	135.0	12.0

## TUBULAR TYPE STRAINER/CONICAL TYPE STRAINER



The Company is professionally managed by a Group of Engineers with wide experience in the field of process Engineering. The Company manufacturing quality Stainless Steel Strainers of various types and sizes, with Triclover Clamp & Unions welded to the End connections, its range of Strainers includes Conical, Tubular, Simplex and Duplex type.



## Engine Coupled Pump (Mobile Pump) - Introduction



### MOBILE PUMP

Sri Pumps Manufacturing Company, Rajahmundry, Introduces new product in the market known as Mobile Pump. The Centrifugal Pump is directly coupled to Diesel Engine by extending the SS shaft with complete alignment to facilitate drawing any leakage through packing arranged for minimal friction and perfect sealing, each pump shall be supplied complete as per factory standard design.

The main feature of this pump is its mobility, the pump is duly provided with an attractive Stainless Steel Trolley with support, it can be carried any where and can be operated easily. The material construction of these pumps are Stainless Steel 316G makes them more suitable for Food, Pharma, Cosmetic, Breweries and Milk Processing Industries.

These Pumps meets the demands and obstinate requirement in hygienic to ensure the gentle product treatment, these pumps have low noise, simple, efficient and economic in design and are easy to maintain, these pumps can be run by Petrol, Kerosene or Diesel and are available in three modles T-20, T-35, T-50.





## MODEL NO - T-20

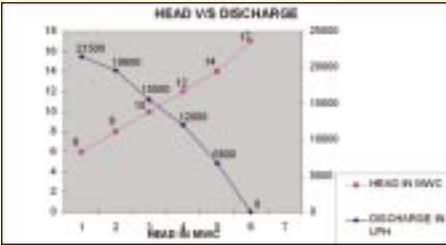
### PUMP SPECIFICATIONS

PUMP TYPE	:	T – 20 (2.0 HP)
IMPELLER	:	Ø120 MM
TYPE OF IMPELLER	:	OPEN IMPELLER
SUCTION	:	38 MM / Optional 51 MM
DISCHARGE	:	38 MM / Optional 51 MM
FRAME SIZE	:	300X350X700 MM

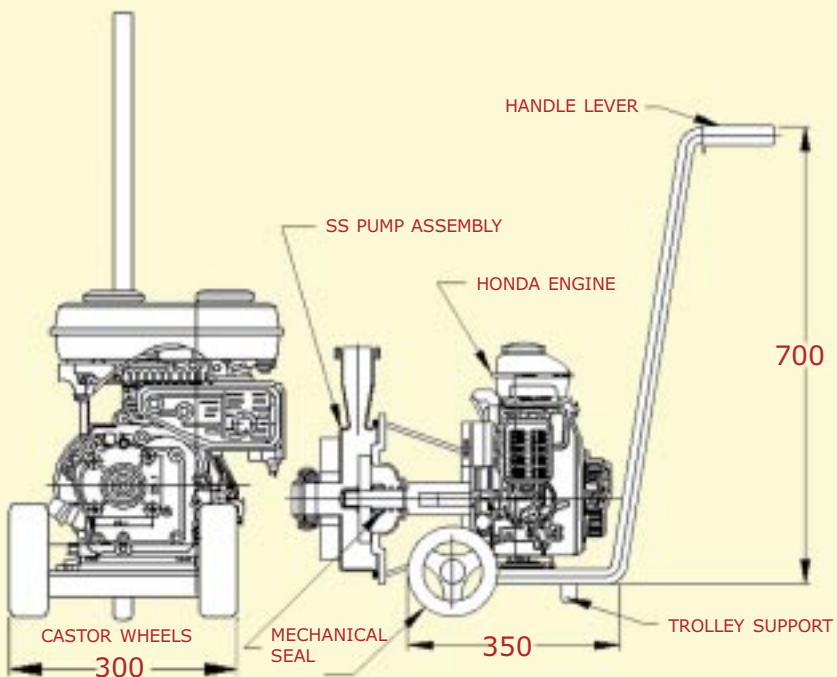
### ENGINE SPECIFICATIONS

Engine Type	:	Side Valve, 4 Stroke, Air Cooled, Hori zontal shaft, Single Cylinder
Displacement	:	97 CC
Compression Ratio	:	4.8:1.0
Fuel	:	Petrol Start & Kerosene Run/ Petrol start & Petrol run
Max. Horse Power	:	1.8Hp (1.3Kw)/4200RPM
Fuel tank Capacity	:	Kerosene-1.5Litres & Petrol-0.25 Litres
Lubricating oil Capacity	:	0.4 Litres
P.T.O Shaft Rotation	:	Counter clockwise from drive end
Dry Weight	:	10.5 kg.
Dimensions	:	275 x 263 x 340 mm.
Starting	:	Recoil Start

### CHARACTERISTIC CURVES



S/N	CAPACITY		HEAD
	IN LPH	Cu.m/Hr	IN MWC
1	21500	21.50	6
2	19600	19.60	8
3	15500	15.50	10
4	12000	12.00	12
5	6800	6.80	14
6	0.00	0.00	17





**MODEL NO - T-35**

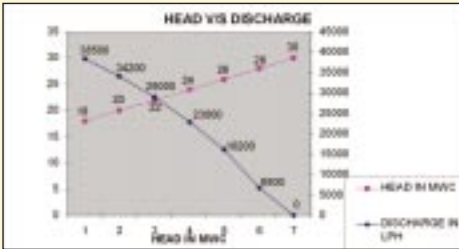
**PUMP SPECIFICATIONS**

- PUMP TYPE : T – 35 (3.5 HP)
- IMPELLER : Ø165 MM
- TYPE OF IMPELLER : SEMI OPEN IMPELLER
- SUCTION : 51 MM
- DISCHARGE : 51 MM
- FRAME SIZE : 300X350X700 MM

**ENGINE SPECIFICATIONS**

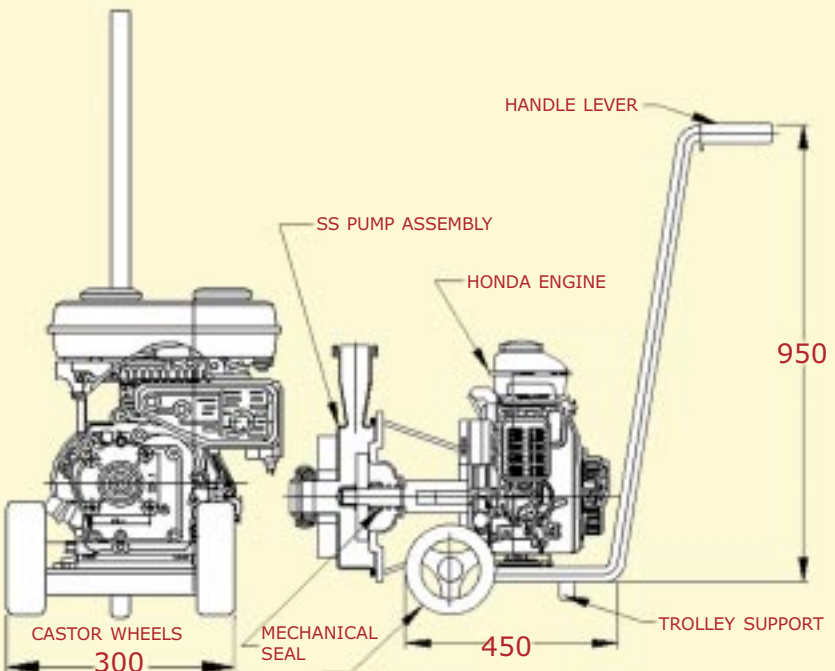
- Engine Type : Side Valve, 4 Stroke, Air Cooled, orizontal shaft, Single Cylinder
- Displacement : 197 CC
- Compression Ratio : 4.5:1.0
- Fuel : Petrol Start & Kerosene Run
- Max. Horse Power : 3.6Hp (2.7Kw)/3600 - 4000RPM as per IS: 7347
- Fuel tank Capacity : Kerosene–3.9 Litres & Petrol–0.4 Litres
- Lubricating oil Capacity : 0.7 Litres
- P.T.O Shaft Rotation : Counter clockwise from drive end
- Dry Weight : 18 kg.
- Dimensions : 338 x 404 x 423 mm.
- Starting : Recoil Start

**CHARACTERISTIC CURVES**



S/N	CAPACITY		HEAD
	IN LPH	Cu.m/Hr	IN MWC
1	38500	38.50	18
2	34200	34.20	20
3	29000	29.00	22
4	23000	23.00	24
5	16200	16.20	26
6	6800	6.80	28
7	0	0.00	30

MANUFACTURERS OF SS CENTRIFUGAL PUMPS, PNEUMATICALLY OPERATED VALVES





## MODEL NO - T-50

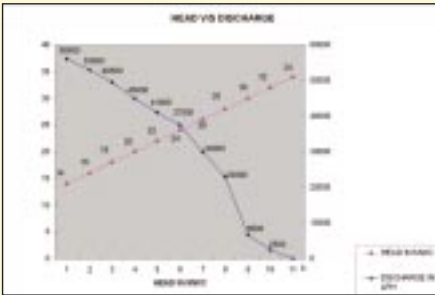
### PUMP SPECIFICATIONS

PUMP TYPE	:	T – 50(5.0 HP)
IMPELLER	:	Ø155 MM
TYPE OF IMPELLER	:	CLOSED IMPELLER
SUCTION	:	51 MM
DISCHARGE	:	51 MM
FRAME SIZE	:	300X475X1500 MM

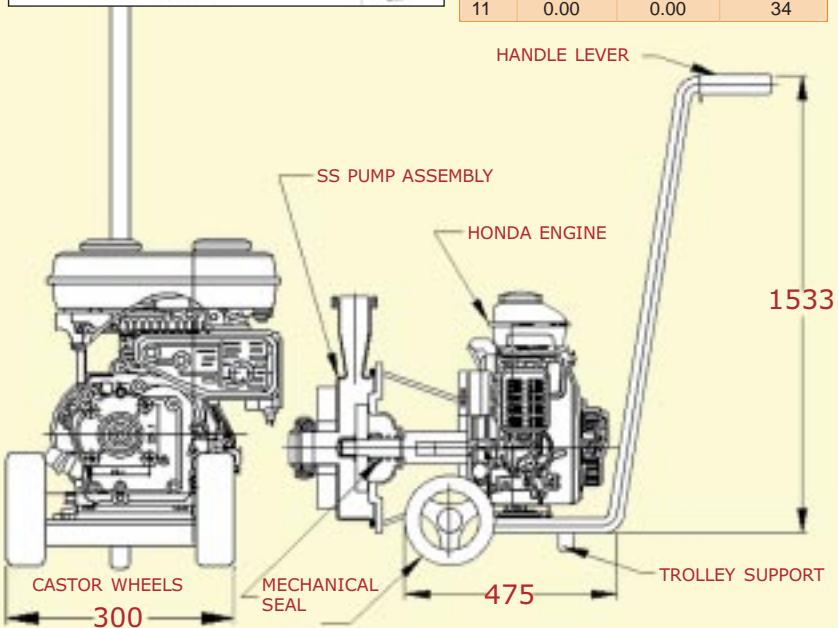
### ENGINE SPECIFICATIONS

Engine Type	:	Side Valve, 4 Stroke, Air Cooled, Horizontal shaft, Single Cylinder
Displacement	:	272 CC
Compression Ratio	:	4.8:1.0
Fuel	:	Petrol Start & Kerosene Run Petrol start & Petrol run
Max. Horse Power	:	5.5Hp (3.97Kw)/3600RPM (SAE No. J607a)
Fuel tank Capacity	:	Kerosene-5.2 Litres & Petrol-0.4 Litres
Lubricating oil Capacity	:	1.2 Litres
P.T.O Shaft Rotation	:	Counter clockwise from drive end
Dry Weight	:	24.5 kg.
Dimensions	:	383 x 405 x 464 mm.(Q.type) 373 x 407 x 464 mm.(w.type)
Starting	:	Recoil Start

### CHARACTERISTIC CURVES



S/N	CAPACITY		HEAD
	IN LPH	Cu.m /Hr.	IN MWC
1	56000	56.0	14
2	53000	53.0	16
3	49500	49.5	18
4	45000	45.0	20
5	41000	41.0	22
6	37500	37.5	24
7	30000	30.0	26
8	23000	23.0	28
9	6800	6.80	30
10	2500	2.50	32
11	0.00	0.00	34



## INTRODUCTION



### SINGLE SEAT VALVE

SPM's Single Seat Valves are shutt-off, Divert, Reverse-acting, Valves, having unique sealing design for total Hygienic operations, its Ball Shaped Valve body is designed for optimum flow and cip cleaning, these valves can be supplied with control head for operation with Solenoid Valve and Micro Switches. Their construction feature, choice of material and hygienic concept makes them especially suitable for use in sectors where hygienic is indispensable.

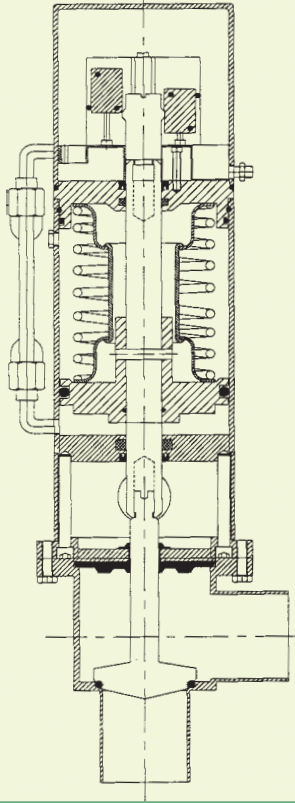
These valves are available in different sizes and types to suit the customers requirement for their applications, all the wetted parts are manufactured in house through Investment Casting process and are being finished on CNC machines. The material construction is of Stainless Steel 316G. these Pneumatic Control Valves meets wide range of applications in automised process lines in Dairy, Food, Pharmaceutical and Breweries Industries.

Available Type : 'L', 'LL', 'T', 'Y' ( Flanged or Clamp Connected )

Available Size : 1" to 4"

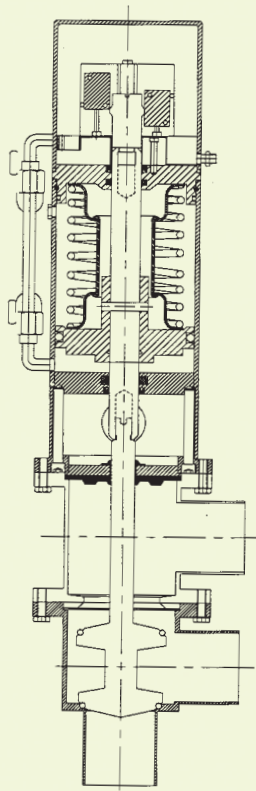
PNEUMATIC 2 WAY ACTUATED VALVES

TYPE - L



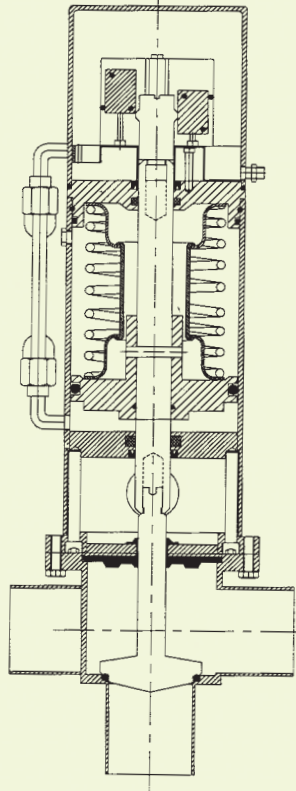
Shutt-Off Valve

TYPE - LL



Divert Valve

TYPE - T



PNEUMATIC 2 WAY ACTUATED VALVE (TYPE "L" )

Nom. Size	Nom.Size			
D	D	A	B	C
INCHES	MM	MM	MM	MM
1 1/2"	38.1	518.0	90.0	70.0
2"	50.8	530.0	90.0	82.0
2 1/2"	63.5	578.0	106.0	106.0
3"	76.2	710.0	126.0	126.0

PNEUMATIC 3 WAY ACTUATED VALVE (TYPE "LL" )

Nom. Size	Nom.Size			
D	D	A	B	C
INCHES	MM	MM	MM	MM
1 1/2"	38.1	518.0	90.0	70.0
2"	50.8	530.0	90.0	82.0
2 1/2"	63.5	578.0	106.0	106.0
3"	76.2	710.0	126.0	126.0

PNEUMATIC 2 WAY ACTUATED VALVE (TYPE "T" )

Nom. Size	Nom.Size			
D	D	A	B	C
INCHES	MM	MM	MM	MM
1 1/2"	38.1	518.0	90.0	70.0
2"	50.8	530.0	90.0	82.0
2 1/2"	63.5	578.0	106.0	106.0
3"	76.2	710.0	126.0	126.0



**QUESTIONNAIRE FORM FOR DESIGNING AND SELECTING OF CENTRIFUGAL PUMPS**

Please complete this form with all data available and return it to Sri Pumps Mfg. Co., Under Fax # 0 91 883 24308149

Company Name			Contact Person	
Telephone			Fax	
Project			E-Mail	
			Date	
<b>PRODUCT DATA</b>				
TYPE (Short Name, Trade Name)				
Characteristics	Corrosive		Film Formative	
	Abrasive		Sticky	
	Others			
<b>PROCESS DATA</b>				
Out Put Capacity				
	Norm	LPH	[L/Min.]	
	Max.	LPH	[L/Min.]	
Available Inlet Pressure	[Bar]		[Psi]	
Required Outlet Pressure	[Bar]		[Psi]	
Difference Pressure	[Bar]		[Psi]	
Processing Temperature	[°C]		[°F]	
Ambient Temperature	[°C]		[°F]	

<b>APPLICATION</b>				
Application			Reactor	Transfer
Line Configuration (Sequence of the Components)			Pump	
Mode of Operation	Continuous		Discontinuous	
<b>APPLICATION : Reactor / Tank Discharger / Transfer within Pipe</b>				
<b>INSTALLATION</b>	Directly below the tank		Within Pipeline	
	Others			
<b>Direction of Delivery</b>	Top Down		Horizontal	
	Comment			

Direction of Rotation (Seen from Drive)	Clockwise		Counter Clockwise	
NPSH/a	[m]			
Connection Diameter Inlet	[mm]			
Pressure Limitation required?	Yes	No	Pressure Limit [Bar]	
	Flow Regulating Valve Internal By Pass		Others	

<b>METERIALS/SEALS</b>				
	Housing		Shafts	
Preferred Materials				
Not Applicable Materials				
	Others			
Preferred Sealing Systems				

Supply Voltage	[V]
Power Frequency	[Hz]
Control Voltage	[Volt]
<b>COMMETTS/OTHERS</b>	



**SRI PUMPS & FITTINGS  
INDUSTRIAL CORPORATION**

“

*Precision fittings  
for the most  
Aseptic and  
careful product  
Transfer  
Requirements.*

”

**PRODUCTS :**

- *Plug Valves*
- *Butterfly Valves*
- *High Pressure Ball Valves*
- *Centrifugal Pumps*
- *Pipe & Pipe Fittings*

*for more details please contact :  
email : [sripumps@yashwan.co.in](mailto:sripumps@yashwan.co.in)*



## Ordering Guide for SPM - PUMPS

HG 50 51/51 S OPI SE

### Pump Type :

HG - Hygienic,  
CP - Cip Cleaning  
CH - Chemical,  
SL - Slurry

### Motor Capacity :

0.5, 1.0, 1.5, 2.0,  
3.0, 3.5, 5.0, 7.5 and 10 HP

### Connection Ends :

Inlet / Outlet

WD - Welded, CF - Clamp with Female  
ME - Male End, LR - Liner (Female),  
FE - Flanged End

### Standard :

D - DIN, I - IDF  
S - SMS, F - 3A (Ferrule)

### Impeller :

OPI - Open  
SOPI - Semi Open  
CLSD - Closed

### Seal :

NBR - Nitrile  
SE - EPDM  
SI - Silicon  
SV - Viton  
PTFE - Teflon

### Please Specify Additions Below

Steel Grade

304  304L

316  316L



### SRI PUMPS MFG CO.,

# 11-49, Pidimgoyya Panchayat, Morampudi Junction,  
Rajahmundry - 533 103, ( Andhra Pradesh), INDIA.  
Tel : 0883-2426845, 3256668, Fax : 0883 - 2430819,  
E-mail : sripumps@yahoo.co.in / sripumps@rediffmail.com  
website : www.sripumps.in

www.sripumps.in