



## METALLIC CENTRIFUGAL & VERTICAL PUMP



### FEATURES

- All the Wetted Parts are made from Investment Castings giving excellent Surface Finish, Sound casting, Better efficiency.
- Maximum interchangeability therefore minimum spare parts inventory required to be maintained.
- Back pull out design permits quick inspection, repairs of rotary assembly without disturbing pipe line and motor connections.
- Hydraulic performance maintained by simple external axial adjustment of impeller wear.
- Exclusive balanced thrust.
- Standard dimensions cut layout cost.
- Fully Open Impeller for various fluid transfer ranging from clear to suspended Solids.



### SALIENT FEATURES

- Pump Available in SS 316, SS 316L, Cast Iron, Cast Steel Investment Casting.
- Arrangement for Cooling Seal or Packing at elevated temperature.
- Removable SS Shaft Sleeve Simplifies Maintenance.
- Maximum Sealing Flexibility- Inside or Outside Seal & Single or Double Seal.



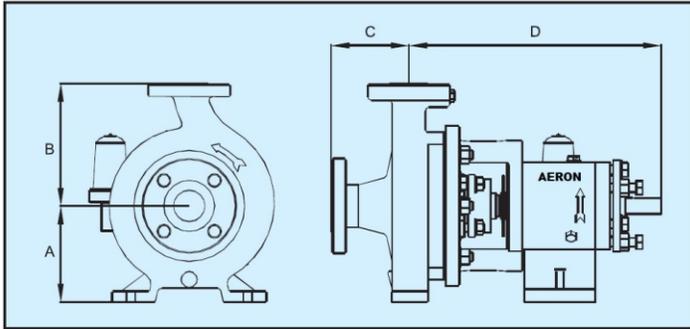
### APPLICATION

- **CHEMICAL** : Caustic Transfer, Hot Water, Cold Water, Acid Unloading, Monomer & Polymer Transfer, Molten Sulphur and Urea, Liquid Ammonia, Liquid Nitrogen.
- **PETROCHEMICAL** : Aromatics, Low Specific gravity Hydrocarbons, Gas Oil.
- **PULP & PAPER** : Digester make up-green and white Liquor and black liquor recovery, Coating Slurries, clay, Titanium Dioxide and Alum Transfer.
- **STEEL & MILL INDUSTRY** : Waste Acid Recovery, Scrubber Service, Pickle Liquor Circulation.
- **GENERAL** : Food, Pharmaceutical, Pollution Control, condensate Return, Filter Feed DM Water, Etc....



Manufacturing and Supplying Wide Range of Industrial Pumps and Industrial Products

## DIMENSION



Series	Pump Size	Suction Size	Delivery Size	A	B	C	D	Flange Drilling As per ANSI-B-16.5 RF					
								Suction Hole			Delivery Hole		
								PCD	Size	No	PCD	Size	No
SS	32X25X130	32	25	100	125	75	315	85	16	4	79.4	16	4
	32X25X180	32	25	132	145			85	16		79.4	16	
	40X25X150	40	25	132	165	105	345	98.4	16		79.4	16	
	50X40X150	50	40					120.6	19		98.4	16	
	80X50X150	80	50					152.4	19		120.6	19	
	40X25X200	40	25					98.4	16		79.4	16	
	80X40X200	80	40	152.4	19	98.4	19						
	80X50X200	80	50	152.4	19	120.6	19						

## SS 316 PUMP PERFORMANCE TABLE

Sr No	Model	HP	RPM	Suc X Dis	Imp Dia MM	Q= m3/hr& H=meter								Shut off head in meter
						Q	H	Q	H	Q	H	Q	H	
1	SS 32X25X110	1	2900	32x25	110	Q	0	2	4	5	6	7	8	18
						H	18	13	11	8	5	2	0	
2	SS 32X25X120	2	2900	32x25	120	Q	0	2	5	8	10	12	15	20
						H	20	18	15	11	7	5	0	
3	SS 32X25X130	3	2900	32x25	130	Q	0	2	5	10	12	15	18	24
						H	24	23	22	21	17	15	0	
4	SS 50X40X150	3	2900	50x40	150	Q	0	7	9	11	13	17	19	25
						H	25	22	19	15	10	5	0	
5	SS 32X25X180	5	2900	32x25	180	Q	0	5	10	15	20	25	30	45
						H	45	42	40	36	32	22	0	
6	SS 50X40X150	5	2900	50x40	150	Q	0	7	16	22	25	27	30	36
						H	36	32	28	25	22	15	0	
7	SS 40X25X150	5	2900	40x25	150	Q	0	7	16	22	25	27	30	38
						H	38	34	31	27	24	20	0	
8	SS 80X50X150	7.5	2900	80x50	150	Q	0	25	35	45	65	85	95	32
						H	32	30	28	25	22	20	0	
9	SS 40X25X200	12.5	2900	40x25	200	Q	0	10	15	20	25	30	35	62
						H	62	60	57	55	50	45	0	
10	SS 80X40X200	20	2900	80x40	200	Q	0	25	30	40	50	55	65	54
						H	54	52	50	45	40	35	0	
11	SS 80X50X200	25	2900	80x50	200	Q	0	8	16	20	25	30	35	62
						H	62	50	40	30	20	10	0	



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