

1. Applications:

Vidhata Pumps are ideally suitable for agricultural clean Water irrigation purposes and Water supply from, rivers, Deepwells, transportation of water through pipe lines long distance, water dewatering from Industrial channels with pipes etc.

2. Range of products

We manufacture Centrifugal Water Pumps of various sizes and in different models viz:-

- Gland packing, Oil Seal and Mechanical Seals type Pumps suitable for direct Coupling with standard and light weight Diesel Engine and also portable engine/electric Motors upto 25 HP having 1500 to 3600 rpm in Split as well as Volute Casing Models.

- Belt/V-Belt fast pulley-Single pulley and Double pulley type.

3. Recommended Spares for 2 years Maintenance:

(i) Impeller, (ii) Shaft, (iii) Stuffing Box with bush, (iv) Ball Bearing, (v) Gland packing, (vi) Gland Cover Plate, (vii) Bearing Cover Plate.

4. Important Notes:

- To get best performance, use best frictionless pipes & Foot Valves.
- The suction pipe should be as short as possible
- The weight of suction & delivery pipes should not be applied to pumps.
- The pumps should be carefully aligned during its installation.
- The pumps should not be operated dry.
- The stand should Not permit more than 30 drops Per Minute, if it does, please tighten it.

Pump Selection Chart of Vidhata Pumps

High Discharge Split Casing Direct Coupled Pumps at 1500 RPM

Size SxD MM	Type	HP Recomm	Head in meters														
			6	8	10	12	14	16	18	20	22	24	26				
100x100	SC2	8.0	45	40	35	26	16										
100x100	SC3D	12.0						40	30	26	20	24					
125x100	SC4D	15.0							56	52	48	40	43				
125x125	SC5D	15.0								58	54	50	46	42	40		
125x125	SC2	8.0	45	40	34	28											
150x125	SC2	8.0	50	46	42	30											
150x150	SC2	8.0	50	45	40												
150x150	SC3	8.0	56	52	46	32											
150x150	SC4 Final	10.0	58	54	50	40											
150x150	SC5	12.0	62	57	52	45	30										
150x150	SC4D	15.0	75	70	60	55	40										
150x150	SC3D	20.0	82	78	72	64	58	48	42	38	33						
150x150	SC8D	25.0	97	90	82	74	66	60	55	50							

Discharge Liter Per Second

Split Casing Direct Coupled Pump at 1500 RPM

Size SxD MM	Model	HP Recomm	Head in meters						
			15	16	17	18	19	20	21
65 x 50	C62SP1	5.0	18	17	14	12	10	8	6
80 x 65	C62SP1	6.5	23	22	21	20	19	18	15
80 x 80	C62SP1	6.5	23	22	21	20	19	18	15
100 x 80	C62SP1	7.5	27	26	24	22	19	12	
100 x 100	C62SP1	8.0	30	26	24	20	16	10	

Discharge Liter Per Second

High Head Split Casing Direct coupled Pumps at 1500 RPM

Size SxD mm	Type	HP Engine Recomm	Head in meters															
			18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
65 x 50	SH1	6.5	21	20	19	17	15	14	12	8	6							
80 x 65	SH1	6.5	22	20	18	16	14	12	9									
80 x 65	SH2	8.0			24	22	20	18	16	10	8	6						
80 x 65	SH3D	10.0								29	24	18	15	13	12	10		
100 x 80	SH2	10.0				32	28	20	15	12	10	6						
100 x 100	SH3D	12.0								35	31	25	22	18	12			

Discharge Liter Per Second

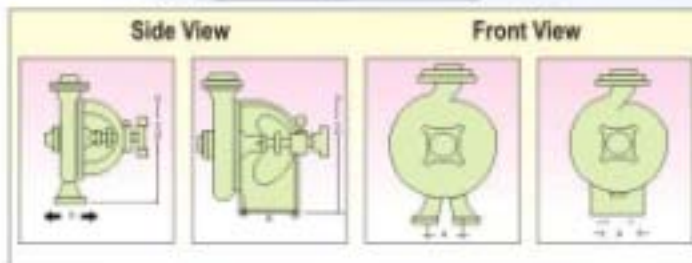
High Head High Discharge Split Casing Pump to lift water through pipeline.

Size SxD MM	Type	HP Recomm	Head in meters															
			22	23	24	25	26	27	28	29	30	31	32	33				
65 x 50	SF3D	8.0	24	22	20	16	12	10	8	6								
65 x 50	SF3D	10.0				22	21	20	18	16	14	10	8	6				
80 x 65	SV3D	12.0	28	26	24	22	20	18	16	14	12	10						
80 x 80	SW3D	10.0	24	22	20	18	16	14	12	10	8	6						
100 x 80	SW3D	12.0				42	38	36	30	28	24	20	10					
100 x 100	SW3D	15.0				44	40	38	32	30	28	24	22	12				
100 x 100	SH12D	20.0							42	40	36	32	28	24	20	15		

Discharge Liter Per Second

Note:

The Performance data are at rated R.P.M. and only indicative, in view of continuous development the information/description/specification illustration are subject to change with out notice.



Hole Distance View (mm)	Single Bearing Pump	Double Bearing Pump	Double Bearing Oil Seal Pump
Front View A	140	140	140
Side View B	160	140	160
Back View C	140	140	140
Hole Size D	15	17	15
Center Height E	203	203	203

Distributors

Sales & Service Agent

High Head High Discharge Pumps