

# HORIZONTAL MULTISTAGE PUMPS

## Structural Characteristics

- ◆ Impeller & Diffuser – Noryl
- ◆ Diffuser - SS 304, ◆ Impeller - SS 304 ◆ Shaft - SS 410
- ◆ Clean water not containing abrasive particles
- ◆ Liquid temperature -15° C to 100° C
- ◆ Ambient temperature up to 50° C

## Performance

Single Phase 3000 RPM (Syn.) 50 Hz, 220 - 240 V, Capacitor start and run motor

Three Phase 3000 - RPM (Syn.) 50 Hz, 415 V



S.No.	Product Name	HP	Stage	Pipe Size	Total Head in Meters	Discharge (m <sup>3</sup> /h)							
						0	0.7	1.2	1.8	2.4	3	3.6	4.2
1.	DBP 0.50	0.50	3	1" x 1"		30	28	25	20	16	12	8	4
2.	DBP 0.75	0.75	4	1" x 1"		39	37	33	27	22	17	11	6
3.	DBP 1.0	1.00	5	1" x 1"		50	47	41	34	28	21	14	7

S.No.	Product Name	HP	Stage	Pipe Size	Total Head in Meters	Discharge (m <sup>3</sup> /h)							
						0	0.5	1	1.5	2	2.5	3	3.5
1.	DBPS 2/0.50-3	0.50	3	1" x 1"		29	26	25	23	20	19	16	12
2.	DBPS 2/0.75-5	0.75	5	1" x 1"		48	44	41	38	34	31	26	20
3.	DBPS 2/1.0-6	1.00	6	1" x 1"		56	52	48	45	40	36	31	24

S.No.	Product Name	HP	Stage	Pipe Size	Total Head in Meters	Discharge (m <sup>3</sup> /h)							
						0	1	2	3	4	5	6	7
1.	DBPS 4/0.50-2	0.50	2	1" x 1¼"		19	17.5	16.5	15.5	14.5	12.5	9.5	6.5
2.	DBPS 4/0.75-3	0.75	3	1" x 1¼"		29	26	25	23	22	19	14	10
3.	DBPS 4/1.00-4	1.00	4	1" x 1¼"		38	35	33	31	29	25	19	13
4.	DBPS 4/1.5-6	1.5	6	1" x 1¼"		57	53	50	47	44	38	29	20

S.No.	Product Name	HP	Stage	Pipe Size	Total Head in Meters	Discharge (m <sup>3</sup> /h)							
						0	5	6	7	8	9	10	11
1.	DBPS 8/1.0-2	1.00	2	2" x 2"		21	19	18	17	16	15	13	11
2.	DBPS 8/1.5-3	1.50	3	2" x 2"		32	28	27	26	24	22	19	16
3.	DBPS 8/2.0-4	2.00	4	2" x 2"		42	37	36	34	32	29	25	21
4.	DBPS 8/3.0-5	3.00	5	2" x 2"		52	46	44	42	39	36	31	26

S.No.	Product Name	HP	Stage	Pipe Size	Total Head in Meters	Discharge (m <sup>3</sup> /h)							
						0	8	10	12	16	18	20	22
1.	DBPS 16/3.0-2	3.0	2	2" x 2"		27	25	24	23	21	19	17	15
2.	DBPS 16/4.0-3	4.0	3	2" x 2"		41	38	37	35	31	29	26	22