

ISO 9001  
ISO 14001  
OHSAS 18001  
Certified Company

**PARANAA**<sup>®</sup>  
**PUMPS**

**HYDRAPLUS** 3" High Speed  
Submersible Pumps



**150 Hz  
8400 rpm**



# 3" High Speed Submersible Pumps

## Characteristics

- Strong Construction
- Super Efficiency Motor
- Flange Coupling - NEMA Standards
- Fully Stainless Steel Pump & Motor
- Protection Class - IP 68

## Material of Construction

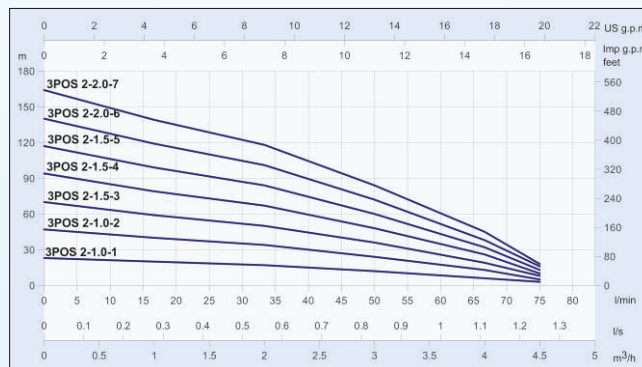
Part Name	Material
Pump Housing	SS 304
Motor Housing	SS 304
Impeller & Diffuser	SS 304
Pump Shaft	SS 304
Motor Shaft	SS 410
Mechanical Seal	Ceramic Vs Graphite



## Performance

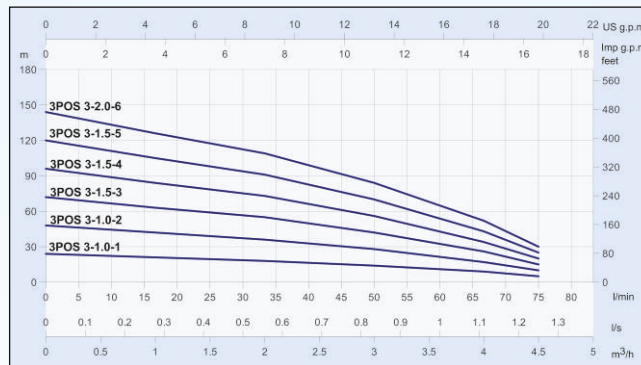
Three Phase, 230 V, 150 Hz, 9000 RPM (Syn.)

S.No	Product Name	kW	HP	Current (A)	No. of Stages	Hz	Head in m	Discharge Range (m <sup>3</sup> /h)					
								0	1	2	3	4	4.5
1.	3POS 2/1.0-1	0.75	1.0	4.6	1	150	2m <sup>3</sup>	23	20	17	12	6	3
2.	3POS 2/1.0-2	0.75	1.0	4.6	2	150		47	40	34	24	13	5
3.	3POS 2/1.5-3	1.10	1.5	7.5	3	150		70	59	50	36	19	8
4.	3POS 2/1.5-4	1.10	1.5	7.5	4	150		94	79	67	48	26	10
5.	3POS 2/1.5-5	1.10	1.5	7.5	5	150		117	99	84	60	32	13
6.	3POS 2/2.0-6	1.50	2.0	8.8	6	150		140	119	101	72	38	16
7.	3POS 2/2.0-7	1.50	2.0	8.8	7	150		164	139	118	84	45	18

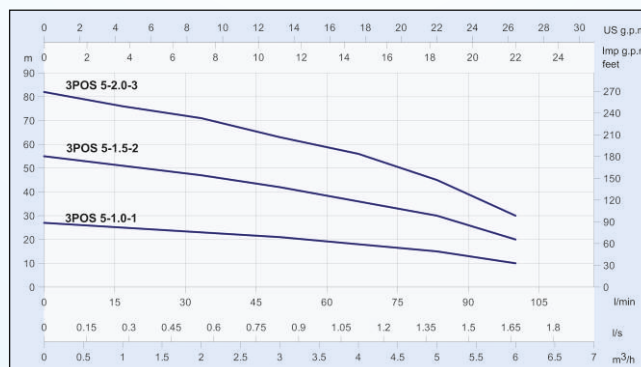


*The Perfect Pump*

S.No	Product Name	kW	HP	Current (A)	No. of Stages	Hz	Head in m	Discharge Range (m <sup>3</sup> /h)					
								0	1	2	3	4	4.5
1.	3POS 3/1.0-1	0.75	1.0	4.6	1	150	3m <sup>3</sup>	24	21	18	14	9	5
2.	3POS 3/1.0-2	0.75	1.0	4.6	2	150		48	72	36	28	17	10
3.	3POS 3/1.5-3	1.10	1.5	7.5	3	150		72	63	55	42	26	15
4.	3POS 3/1.5-4	1.10	1.5	7.5	4	150		96	84	73	56	34	20
5.	3POS 3/1.5-5	1.10	1.5	7.5	5	150		120	105	91	70	43	25
6.	3POS 3/2.0-6	1.50	2.0	8.8	6	150		144	126	109	84	52	30



S.No	Product Name	kW	HP	Current (A)	No. of Stages	Hz	Head in m	Discharge Range (m <sup>3</sup> /h)						
								0	1	2	3	4	5	6
1.	3POS 5/1.0-1	0.75	1.0	4.6	1	150	5m <sup>3</sup>	27	25	23	21	18	15	10
2.	3POS 5/1.5-2	1.10	1.5	7.5	2	150		55	51	47	42	36	30	20
3.	3POS 5/2.0-3	1.10	2.0	8.8	3	150		82	76	71	63	56	45	30



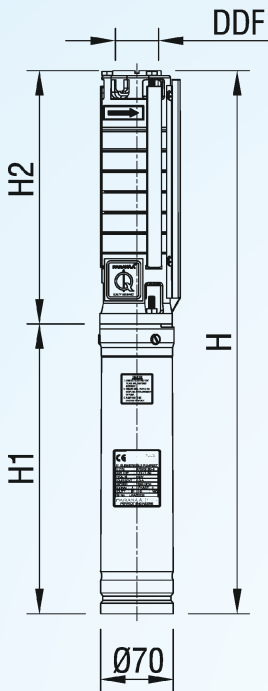
### Area of Usage

- Household water supply
- Irrigation

### Applications

- Water Supply from Deep Wells
- Pressure Boosting
- Rain Water Harvesting and Irrigation
- General Water Transfer and Garden Irrigation

**Dimensions**



S.No.	Product Name	Dimensions (mm)			DDF BSP	Nett Weight (kg)		
		H1	H2	H		Motor	Pump	Total
1.	3POS 2/1.0-1	287	166	453	1¼"	4.7	1.60	6.30
2.	3POS 2/1.0-2	287	186	473	1¼"	4.7	1.75	6.45
3.	3POS 2/1.5-3	287	206	493	1¼"	5.1	1.95	7.05
4.	3POS 2/1.5-4	287	226	513	1¼"	5.1	2.10	7.20
5.	3POS 2/1.5-5	287	246	533	1¼"	5.1	2.25	7.35
6.	3POS 2/2.0-6	287	266	553	1¼"	5.5	2.40	7.90
7.	3POS 2/2.0-7	287	286	573	1¼"	5.5	2.50	8.00
8.	3POS 3/1.0-1	287	166	453	1¼"	4.7	1.60	6.30
9.	3POS 3/1.0-2	287	186	473	1¼"	4.7	1.75	6.45
10.	3POS 3/1.5-3	287	206	493	1¼"	5.1	1.90	7.00
11.	3POS 3/1.5-4	287	226	513	1¼"	5.1	2.00	7.10
12.	3POS 3/1.5-5	287	246	533	1¼"	5.1	2.15	7.25
13.	3POS 3/2.0-6	287	266	553	1¼"	5.5	2.30	7.80
14.	3POS 5/1.0-1	287	170	457	1¼"	4.70	1.70	6.40
15.	3POS 5/1.5-2	287	194	481	1¼"	5.10	2.00	7.10
16.	3POS 5/2.0-3	287	218	505	1¼"	5.50	2.40	7.90

*Save Water*



*Save Earth*

*We are a group of companies with social responsibilities*

*Authorised Dealer*

**PERFECT ENGINEERS**  
THE PERFECT PUMP

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