



## TEST INFORMATION:IHP9201401111152

Pump Type:	CWW	Motor Type:	Oil Cooled
Pump Sl.No:	12555	Correction Head:	1.6
Number of Poles:	2 poles	Total Head (m):	16
No. Of Stages:	1	Discharge (m3/hr):	52.5
Motor Rating (kW/HP):	1.5/2	Model Number:	CWW - 123
Motor Sl. No:	12233	Connection Type:	Single Phase
Voltage (V):	240	Delivery Size (mm):	75.00
Phase:	Single Phase	Outside Temp (deg):	24.00
Maximum Current (A)	13.2	Water Temp (deg):	21.00
Rated Speed (rpm):	2850	Suction Pipe Size (mm):	63.00
Frequency (Hz):	50 Hz	Customer Info:	IHP VALIDATION TEST

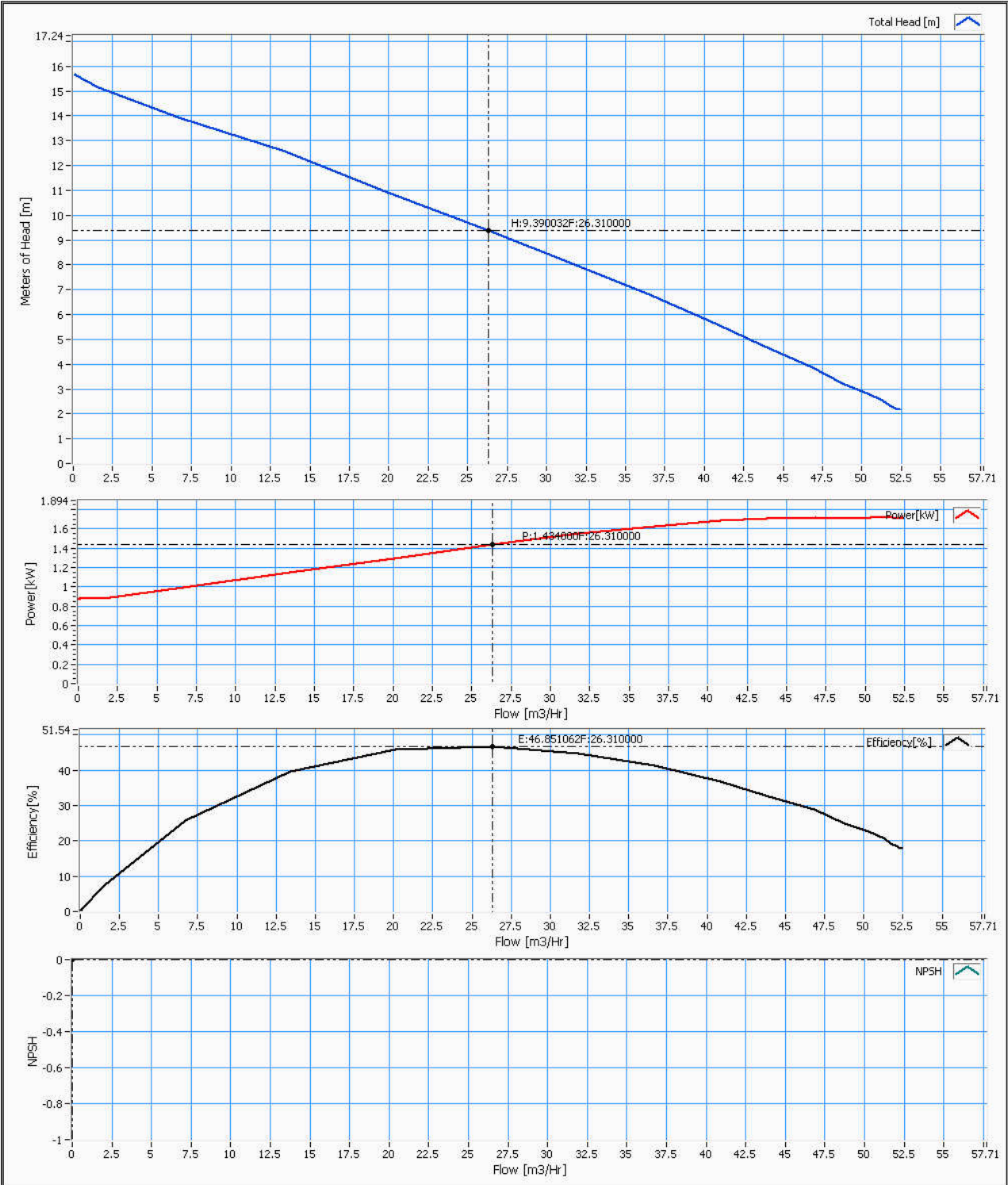
### TEST RESULT

Sl NO	Flow [m3/hr]	Delivery Pressure [bar/kg/cm2]	V.H [m]	Correction Head [m]	Total Head [m]	Output [WHP]	Voltage [V]	Current [A]	Frequency	Motor Input [kW]	Output/Shaft Power BHP[P2] [kW]	Power Factor	Overall Efficiency [%]	Motor Efficiency [%]	Pump Efficiency [%]
1.00	52.44	0.00	0.57	1.60	2.17	0.31	239.52	12.51	50.26	2.87	1.72	0.95	10.76	60.00	17.93
2.00	52.46	0.00	0.57	1.60	2.17	0.31	239.61	12.48	50.22	2.86	1.72	0.95	10.80	60.00	18.00
3.00	52.23	0.00	0.56	1.60	2.16	0.31	239.49	12.52	50.23	2.86	1.72	0.95	10.73	60.00	17.88
4.00	52.34	0.00	0.56	1.60	2.16	0.31	239.35	12.57	50.28	2.87	1.72	0.95	10.73	60.00	17.88
5.00	52.03	0.01	0.56	1.60	2.26	0.32	239.48	12.48	50.24	2.85	1.71	0.96	11.21	60.00	18.69
6.00	51.72	0.02	0.55	1.60	2.35	0.33	239.07	12.56	50.24	2.86	1.72	0.95	11.58	60.00	19.29
7.00	51.33	0.04	0.54	1.60	2.55	0.36	238.49	12.59	50.23	2.87	1.72	0.95	12.40	60.00	20.67
8.00	50.32	0.07	0.52	1.60	2.83	0.39	239.34	12.52	50.25	2.86	1.72	0.95	13.56	60.00	22.60
9.00	48.79	0.11	0.49	1.60	3.21	0.43	238.61	12.51	50.27	2.85	1.71	0.95	14.95	60.00	24.91
10.00	46.85	0.18	0.45	1.60	3.89	0.50	239.44	12.56	50.25	2.87	1.72	0.96	17.25	60.00	28.76
11.00	43.70	0.27	0.39	1.60	4.75	0.56	238.10	12.55	50.24	2.85	1.71	0.95	19.79	60.00	32.98
12.00	40.83	0.36	0.34	1.60	5.61	0.62	237.77	12.40	50.21	2.82	1.69	0.96	22.10	60.00	36.84
13.00	36.63	0.48	0.28	1.60	6.77	0.67	238.87	11.84	50.18	2.71	1.63	0.96	24.89	60.00	41.48
14.00	31.80	0.61	0.21	1.60	8.03	0.69	237.68	11.36	50.20	2.58	1.55	0.96	26.91	60.00	44.85
15.00	26.31	0.75	0.14	1.60	9.39	0.67	237.34	10.49	50.19	2.39	1.43	0.96	28.11	60.00	46.85
16.00	20.11	0.90	0.08	1.60	10.86	0.59	237.27	9.52	50.19	2.16	1.30	0.96	27.50	60.00	45.83
17.00	13.42	1.07	0.04	1.60	12.55	0.46	237.62	8.44	50.20	1.92	1.15	0.96	23.85	60.00	39.75
18.00	6.69	1.21	0.01	1.60	13.95	0.25	238.75	7.25	50.17	1.65	0.99	0.95	15.38	60.00	25.63
19.00	1.56	1.33	0.00	1.60	15.16	0.06	237.95	6.50	50.18	1.47	0.88	0.95	4.38	60.00	7.29
20.00	0.09	1.38	0.00	1.60	15.67	0.00	238.19	6.46	50.20	1.46	0.88	0.95	0.26	60.00	0.44
21.00	0.07	1.38	0.00	1.60	15.67	0.00	237.68	6.42	50.20	1.45	0.87	0.95	0.21	60.00	0.34

# PERFORMANCE CURVE



<b>Pump Type:</b> CWW	<b>Motor Rating (kW/HP):</b> 1.5/2	<b>Model Number:</b> CWW - 123	<b>Total Head (m):</b> 16
<b>Pump Serial Number:</b> 12555	<b>Motor Serial No:</b> 12233	<b>Maximum Current (A):</b> 13.2	<b>Discharge (m<sup>3</sup>/hr):</b> 52.5
<b>Delivery Size (inch):</b> 2 poles	<b>Voltage (V):</b> 240	<b>Frequency (Hz):</b> 50 Hz	<b>Speed (rpm):</b> 2850
<b>Number of Stages in Pump:</b> 1	<b>Phase:</b> Single Phase	<b>Motor Type:</b> Oil Cooled	<b>Correction Head:</b> 1.6



TESTED BY:

APPROVED BY:

INDRA HYDRO TECH PUMPS PVT. LTD.  
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