



TEST INFORMATION:IHP9201312111129

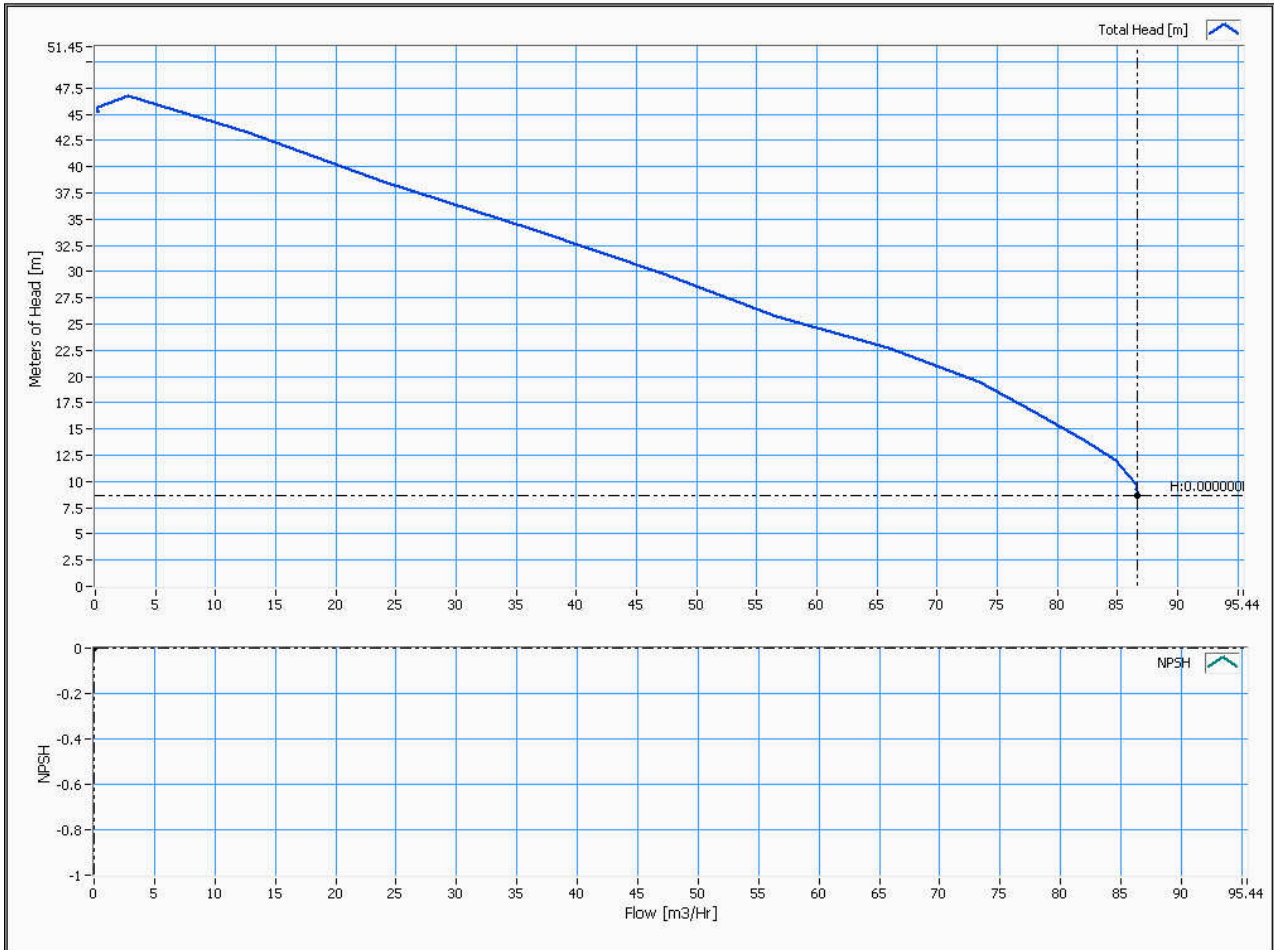
Pump Type:	Engine Driven Pump	Water Temp (deg):	21.00
Suction Head:	1.2	Power Rating (kW/HP):	NA
Model Number:	Hercules 27	Total Head (m):	45
Outside Temp (deg):	24.00	Discharge (m3/hr):	86.59
Serial Number:	ihpb3hd0009	Delivery Size (mm):	75.00
Correction Head:	0.9	Suction Pipe Size (mm):	75.00
Rated Speed (rpm):	3600 rpm	Customer Info:	IHP testing validation 177mm dia of impeller

TEST RESULT

Sl NO	Suction Pressure[bar]	Static Head [m]	Total Suction Head [m]	Flow [m3/hr]	Delivery Pressure [bar/kg/cm2]	Velocity Head [m]	Correction Head [m]	Total Del Head[m]	Total Head [m]	Output [WHP]
1.00	-0.23	1.20	5.34	86.67	0.08	1.54	0.90	3.26	8.60	2.03
2.00	-0.23	1.20	5.35	86.76	0.08	1.55	0.90	3.26	8.61	2.03
3.00	-0.23	1.20	5.34	86.53	0.08	1.54	0.90	3.25	8.59	2.02
4.00	-0.23	1.20	5.33	86.41	0.09	1.53	0.90	3.35	8.69	2.04
5.00	-0.23	1.20	5.34	86.73	0.11	1.55	0.90	3.57	8.91	2.10
6.00	-0.23	1.20	5.33	86.47	0.14	1.54	0.90	3.86	9.20	2.16
7.00	-0.23	1.20	5.34	86.62	0.18	1.54	0.90	4.28	9.62	2.26
8.00	-0.23	1.20	5.31	85.88	0.28	1.52	0.90	5.27	10.59	2.47
9.00	-0.22	1.20	5.21	84.88	0.43	1.48	0.90	6.77	11.97	2.76
10.00	-0.22	1.20	5.04	82.04	0.66	1.38	0.90	9.01	14.05	3.13
11.00	-0.21	1.20	4.84	77.96	0.95	1.25	0.90	11.84	16.67	3.53
12.00	-0.20	1.20	4.56	73.49	1.26	1.11	0.90	14.86	19.42	3.88
13.00	-0.17	1.20	4.13	65.97	1.65	0.89	0.90	18.62	22.75	4.08
14.00	-0.15	1.20	3.69	56.64	2.01	0.66	0.90	22.06	25.74	3.96
15.00	-0.14	1.20	3.34	47.19	2.46	0.46	0.90	26.44	29.79	3.82
16.00	-0.12	1.20	2.95	36.43	2.93	0.27	0.90	31.05	34.00	3.37
17.00	-0.11	1.20	2.65	23.89	3.42	0.12	0.90	35.89	38.54	2.50
18.00	-0.10	1.20	2.50	12.68	3.91	0.03	0.90	40.80	43.30	1.49
19.00	-0.11	1.20	2.54	2.74	4.25	0.00	0.90	44.24	46.78	0.35
20.00	-0.09	1.20	2.40	0.19	4.16	0.00	0.90	43.32	45.72	0.02
21.00	-0.09	1.20	2.40	0.19	4.11	0.00	0.90	42.81	45.21	0.02

PERFORMANCE CURVE

Pump Type: Engine Driven Pump	Pump Serial Number: ihpb3hd0009	Customer Name: IHP testing validation
Suction Head: 1.2	Correction Head: 0.9	Suction Pipe size: 75.00
Model Number: Hercules 27	Outside Temperature [deg]: 24.00	Total Head [m]: 45



TESTED BY:

APPROVED BY: