



201 Lincoln Boulevard
 P.O. Box 117
 Middlesex, NJ 08846-0117

Voice: (732) 469-4540
 Sales & Administration Fax: (732) 469-5912
 Parts & Service Fax: (732) 868-4476

Performance Test Report

Pump Information

Test Time and Date	11/17/2008 11:03:18 AM
Pump Mfgr	Flygt
Serial No.	
Performance Curve No.	
Motor Module/Type	
Motor Power	5 HP
Motor Voltage	460
Motor Speed	
Base Module	4-inch
Impeller No.	
Gear Type	
Gear Ratio	
Imp diam/Blade angle	
Customer	PSI -Test
Test Facility	PSI
Tester	ASH
Input Frequency	60
Number Of Phases	3
Starting Temperature	25.00 dgC
Ending Temperature	25.00 dgC

Test Results

Pressure (ft)	Flow (gpm)	Power (kW)	Voltage (volts)	Current (amps)	Overall Eff (%)
54.09	0.29	3.44	492.37	5.19	0.09
51.99	27.01	3.54	492.48	5.28	5.97
50.00	64.43	3.65	492.44	5.39	14.20
48.00	102.36	3.76	492.40	5.49	22.55
45.99	140.28	3.87	492.35	5.60	30.90
44.01	177.71	3.98	492.31	5.70	39.13
41.98	218.51	4.11	492.28	5.83	46.09
40.00	263.54	4.27	492.27	6.00	49.58
38.00	309.05	4.44	492.27	6.16	52.98
36.01	354.57	4.60	492.26	6.33	56.37
33.86	403.05	4.77	492.25	6.51	59.79
32.00	440.48	4.86	492.28	6.61	60.54
30.00	479.17	4.95	492.33	6.70	60.70
27.88	520.78	5.04	492.21	6.79	60.60
26.25	552.57	5.09	491.86	6.85	59.97

Endurance Run Statistics (At The Duty Point)

Statistics	Pressure (ft)	Flow (gpm)	Power (kW)	Voltage (volts)	Current (amps)	Overall Eff (%)	Valve (%)
Average	29.52	485.09	4.97	491.74	6.71	60.73	67.36
Std Dev	0.07	0.40	0.01	0.15	0.01	0.15	0.00

Endurance-Pressure Change
 -0.0237 ft/min

