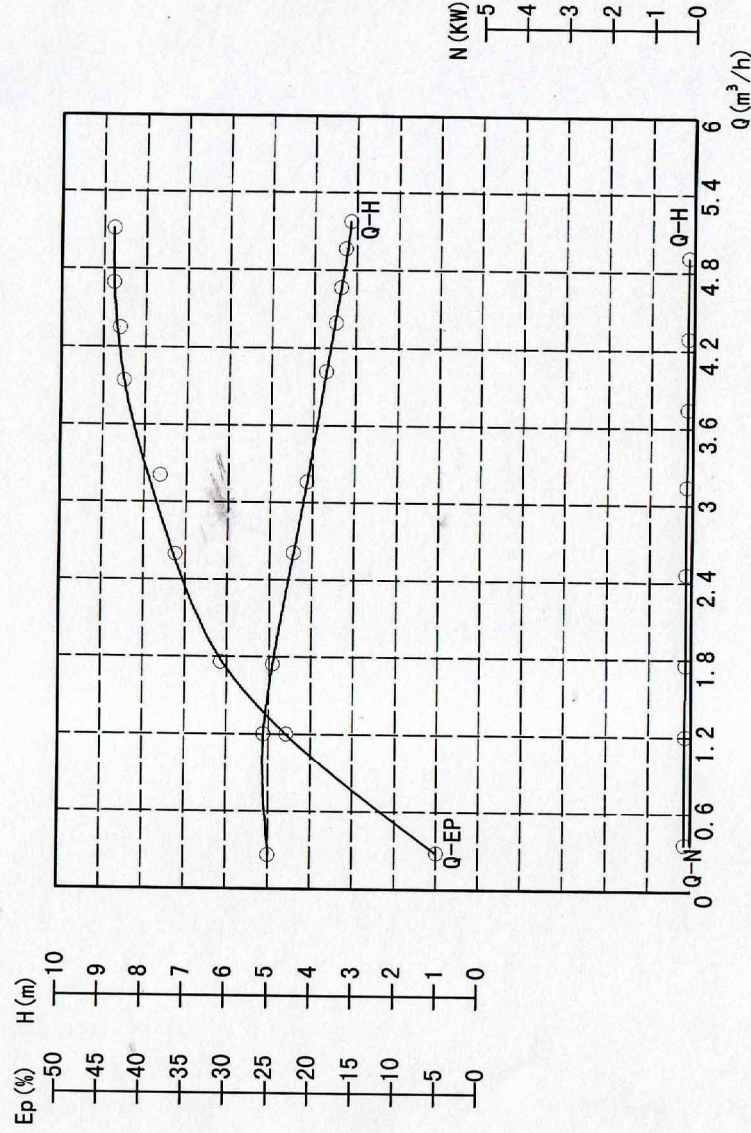


Pump Performance Test

Product Type	3000GPH-24V	Room temperature	15.0° C	Water temperature	1.0° C	Flowmeter Range	325.5661					
Product Units	Taizhou Shiyuan Machine&Electricity Co.,Ltd	Atmospheric Pressure	0.102 Mpa			Inlet Diameter	100.0 m					
Testing Date	2015-10-15	Product Number	6928	Height Above Reference	1.20 m	Outlet Diameter	65.0 mm					
Measure Data												
No.	Inlet Pressure (MPa)	Outlet Pressure (MPa)	Flow Rate (m³/h)	Motor Speed (r/min)	Input Power (KW)	Current (A)	Power Factor	Flow Rate (m³/h)	Total Head (m)	Shaft Power (KW)	Pump Eff. (%)	Overall Eff. (%)
1	-0.00010	0.0375	0.23	2950	0.07	2.92	0.578	0.2	5.01	0.06	4.66	3.89
2	-0.00010	0.0381	1.21	2950	0.08	3.34	0.575	1.2	5.08	0.08	23.15	19.41
3	0.00000	0.0368	1.80	2950	0.09	3.75	0.576	1.8	4.98	0.08	30.10	25.25
4	-0.00010	0.0323	2.62	2950	0.10	4.16	0.577	2.6	4.50	0.09	35.98	30.26
5	-0.00010	0.0285	3.20	2950	0.11	4.58	0.577	3.2	4.12	0.09	37.60	31.52
6	-0.00010	0.0248	3.99	2950	0.11	4.60	0.579	4.0	3.80	0.10	42.80	35.98
7	-0.00010	0.0239	4.42	2950	0.12	5.01	0.579	4.4	3.75	0.10	43.55	36.61
8	0.00000	0.0218	4.45	2950	0.12	5.12	0.579	4.5	3.50	0.10	42.69	35.95
9	-0.00010	0.0211	4.50	2950	0.12	5.16	0.577	4.5	3.41	0.10	42.91	35.97
10	0.00000	0.0204	5.16	2950	0.12	5.21	0.579	5.2	3.33	0.09	43.58	36.62

Data converte stated speed 2950r/min



Rated Point: Flow=4.52 (m³/h) Head=4.00 (m) Pump Eff.=30.00 (%)

Measure Point: Flow=4.12 (m³/h) Head=3.82 (m) Pump Eff.=42.43% Overall Eff.=35.62 (%)

Criterion: Class Two Q=-.37 (m³/h) H=-.2 (m) EP=-.9 (%)

Auditing:

Tester Comment: