

PUMP TEST REPORT

REPORT NO : EX070825-01

TEST DATE : 25-Aug-07

TESTED BY : P.G.Ahn

Customer _____

Pump Type **H-37-CT** M'fg No 1473 Amperage 8.9 A

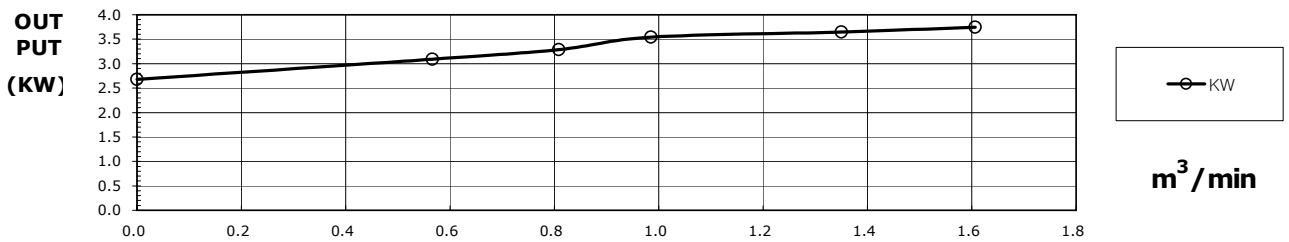
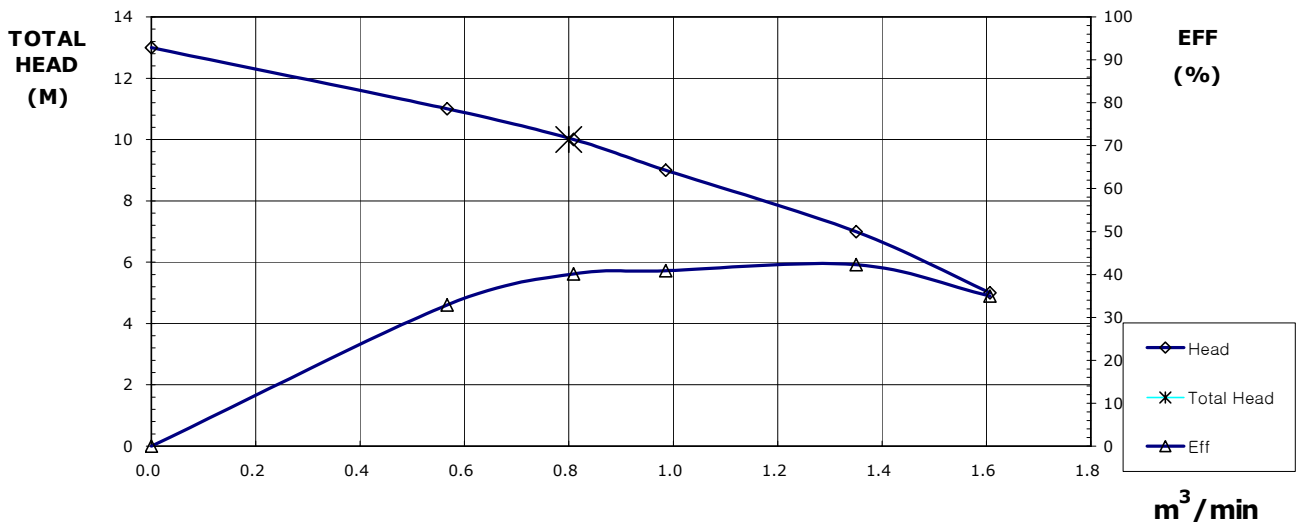
Total Head 10 M Revolution 1450 R.P.M Frequency 50 Hz

Capacity 0.8 m³/min Out Put 3.7 Kw Phase 3

Bore 100 mm Voltage 380 V Insulation B Class

Test Condition		Test Liquid	water	Temp	20 °C	Test Hrs	1 Hrs	Type of weir					V
NO	Capacity		Head(m)			Water	Amperage				Out Put (Kw)	Pump Eff (%)	
	Over Weir (mm)	m ³ /min	Head Gageindi	Gage Height	Total Head	H.P (Kw)	U	V	W	Avg			
1	0	0.000	11.0	2.0	13.0	0.000	5.0	7.1	7.2	6.4	2.68	0.0	
2	136	0.566	9.0	2.0	11.0	1.016	7.2	7.5	7.6	7.4	3.09	32.9	
3	157	0.809	8.0	2.0	10.0	1.318	7.6	8.0	8.1	7.9	3.29	40.1	
4	170	0.985	7.0	2.0	9.0	1.445	8.2	8.6	8.7	8.5	3.54	40.8	
5	193	1.350	5.0	2.0	7.0	1.541	8.7	8.8	8.8	8.8	3.65	42.3	
6	207	1.607	3.0	2.0	5.0	1.310	8.9	9.0	9.1	9.0	3.74	35.0	
7													
8													
Other Test	Test Item	Hydraulic Test	Air Tightness Test	Impeller Balance	Noise Test	Cutting Test							
	Result	O.K	O.K	O.K	O.K	19MM							

PUMP PERFORMANCE CURVES



R
E
S
U
L
T

GOOD

MODORI CORPORATION



Motor EFF 81.0%

P.F 78.0%