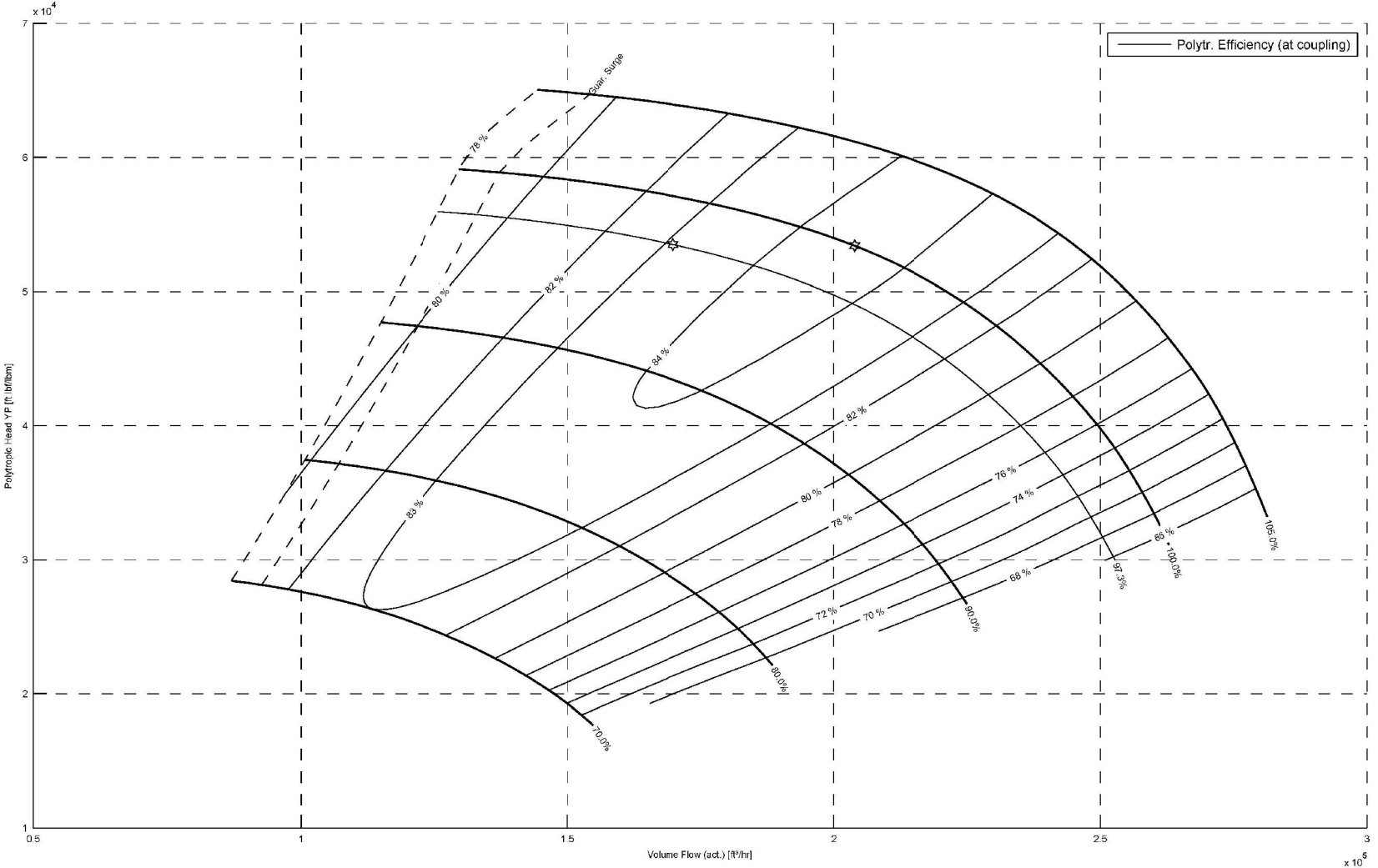
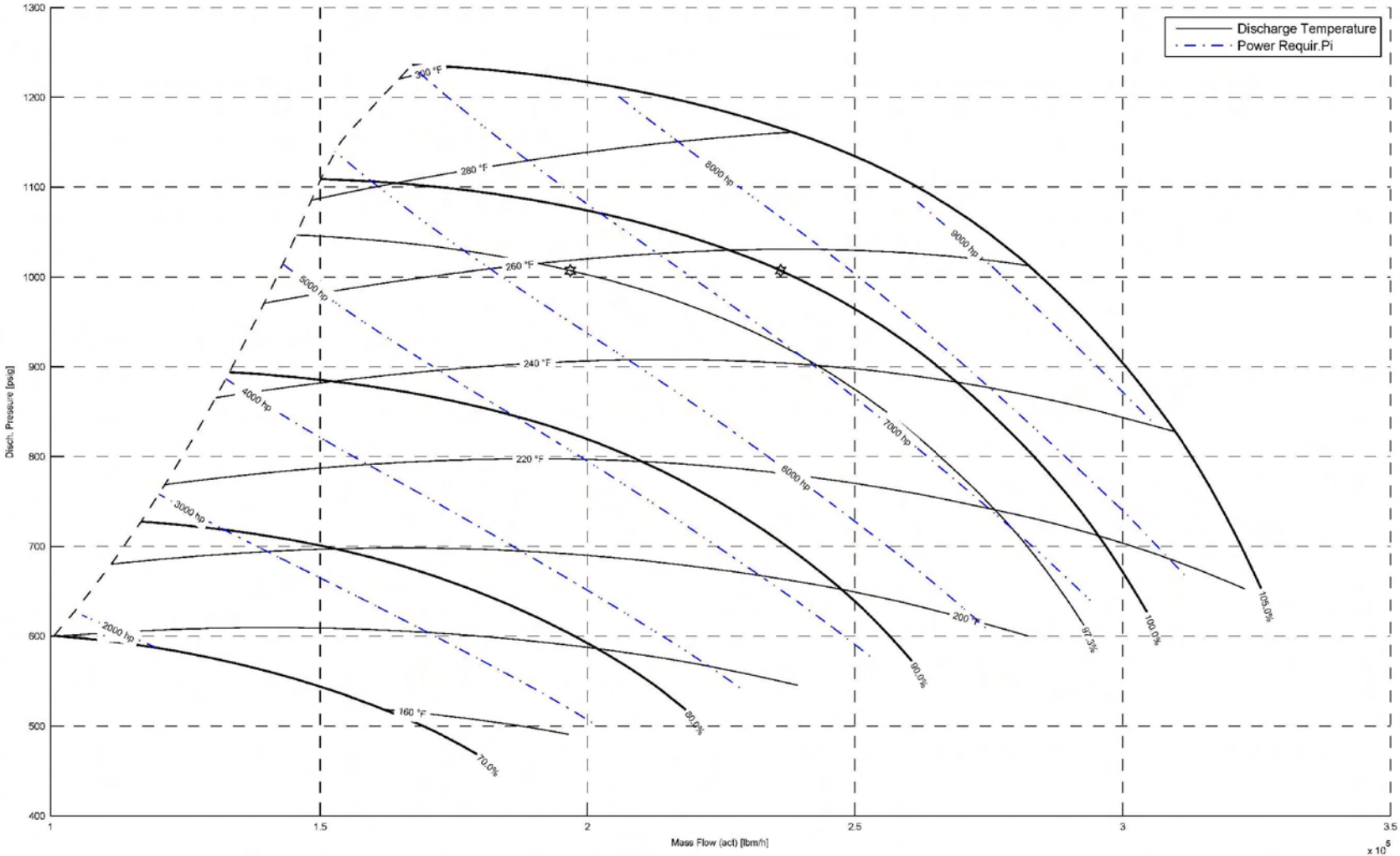

x 10^4
7
6
5
4
3
2
1
Polytropic Head YP [ft lbf/lbm]
0.5
1
1.5
2
2.5
3
x 10^5
Volume Flow (act.) [ft³/hr]
Polytr. Efficiency (at coupling)
Guar. Surge
78 %
80 %
82 %
84 %
82 %
80 %
78 %
76 %
74 %
72 %
70 %
68 %
85 %
83 %
70.0%
80.0%
90.0%
97.3%
100.0%
105.0%


Discharge Temperature
Power Requir.Pi
300 °F
280 °F
260 °F
240 °F
220 °F
200 °F
160 °F
2000 hp
3000 hp
4000 hp
5000 hp
6000 hp
7000 hp
8000 hp
9000 hp
70.0%
80.0%
90.0%
97.3%
100.0%
105.0%
Disch. Pressure [psig]
Mass Flow (act) [lbm/h]
x 10^5
1300
1200
1100
1000
900
800
700
600
500
400
1
1.5
2
2.5
3
3.5