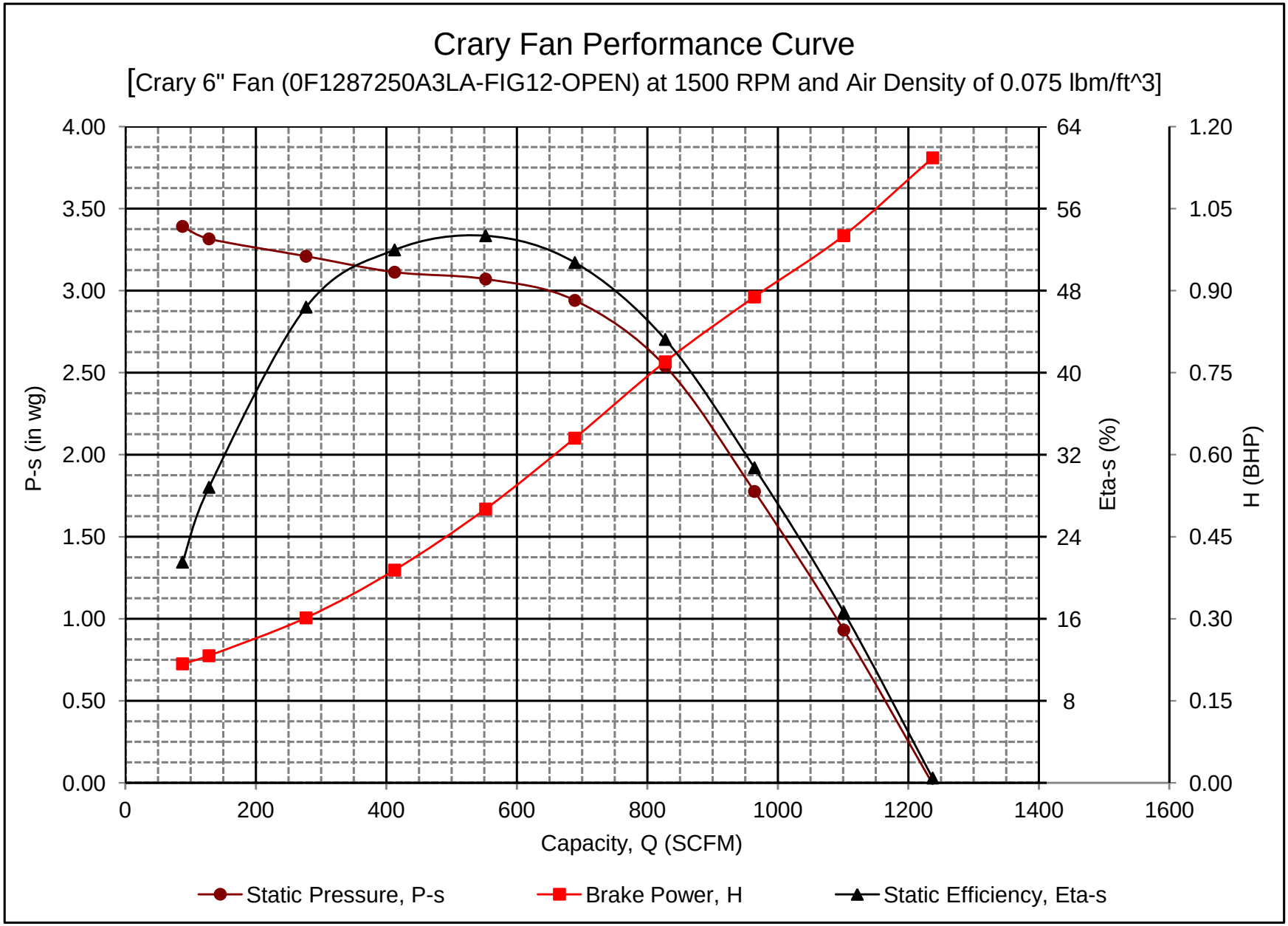
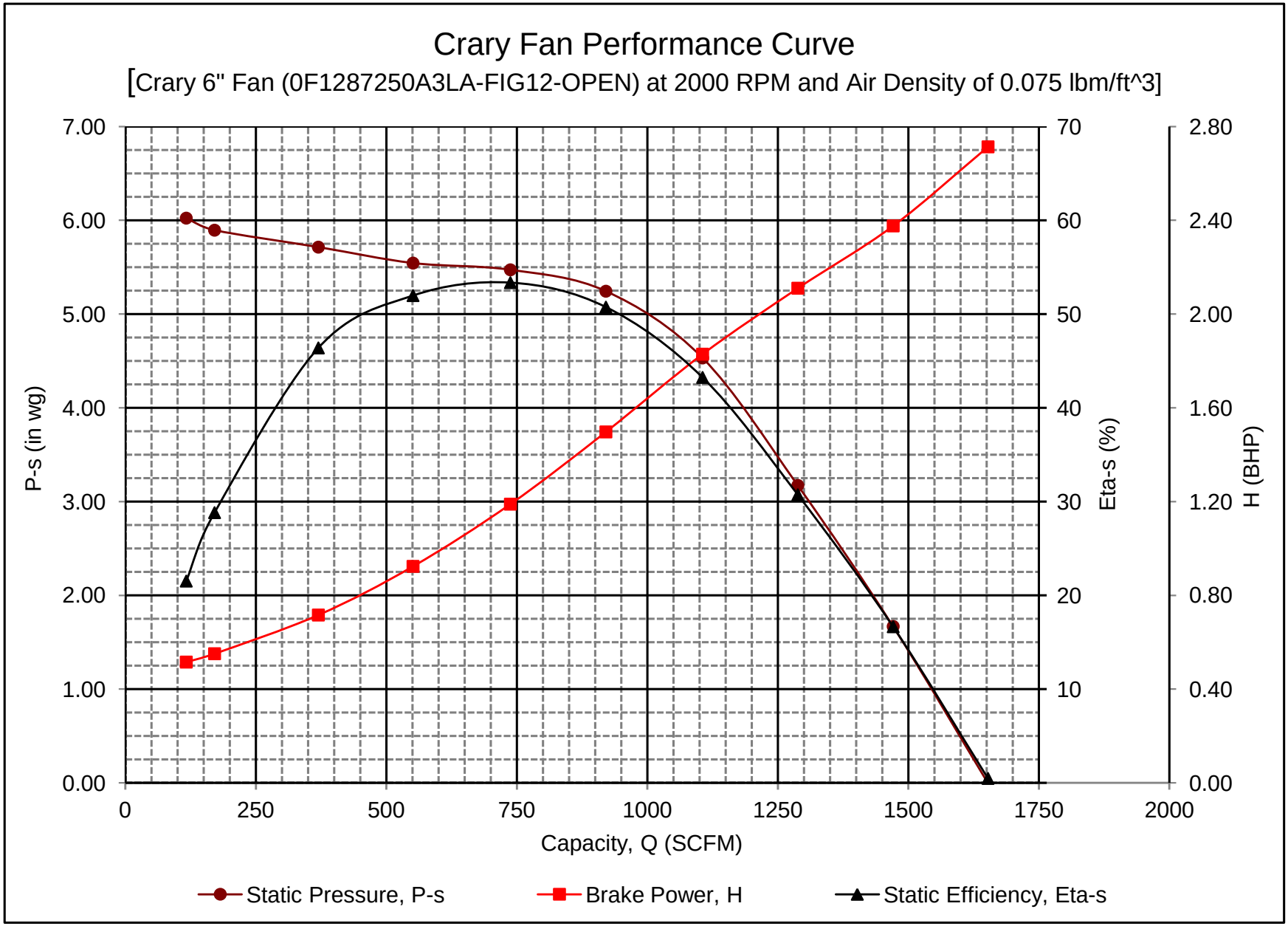
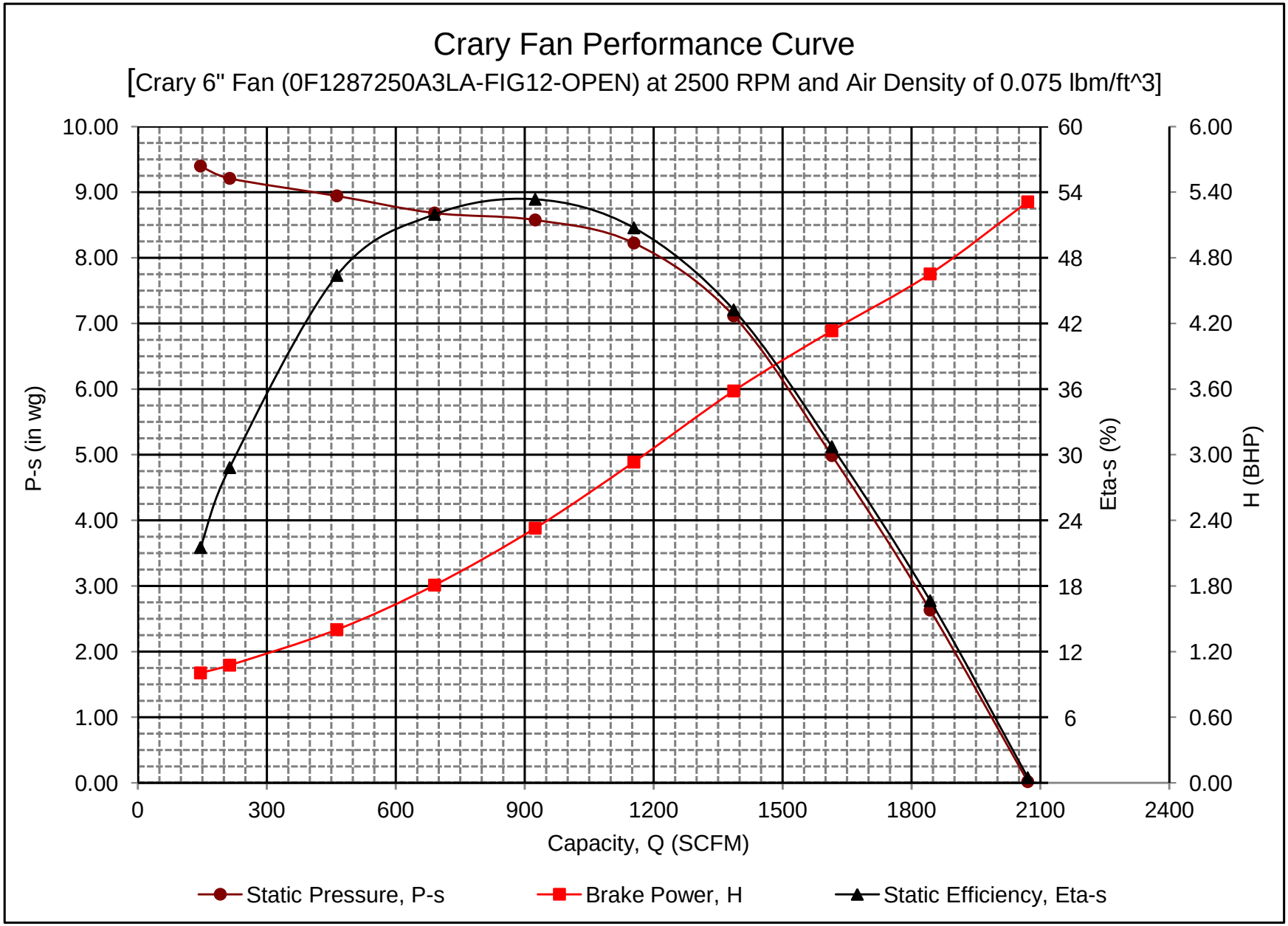
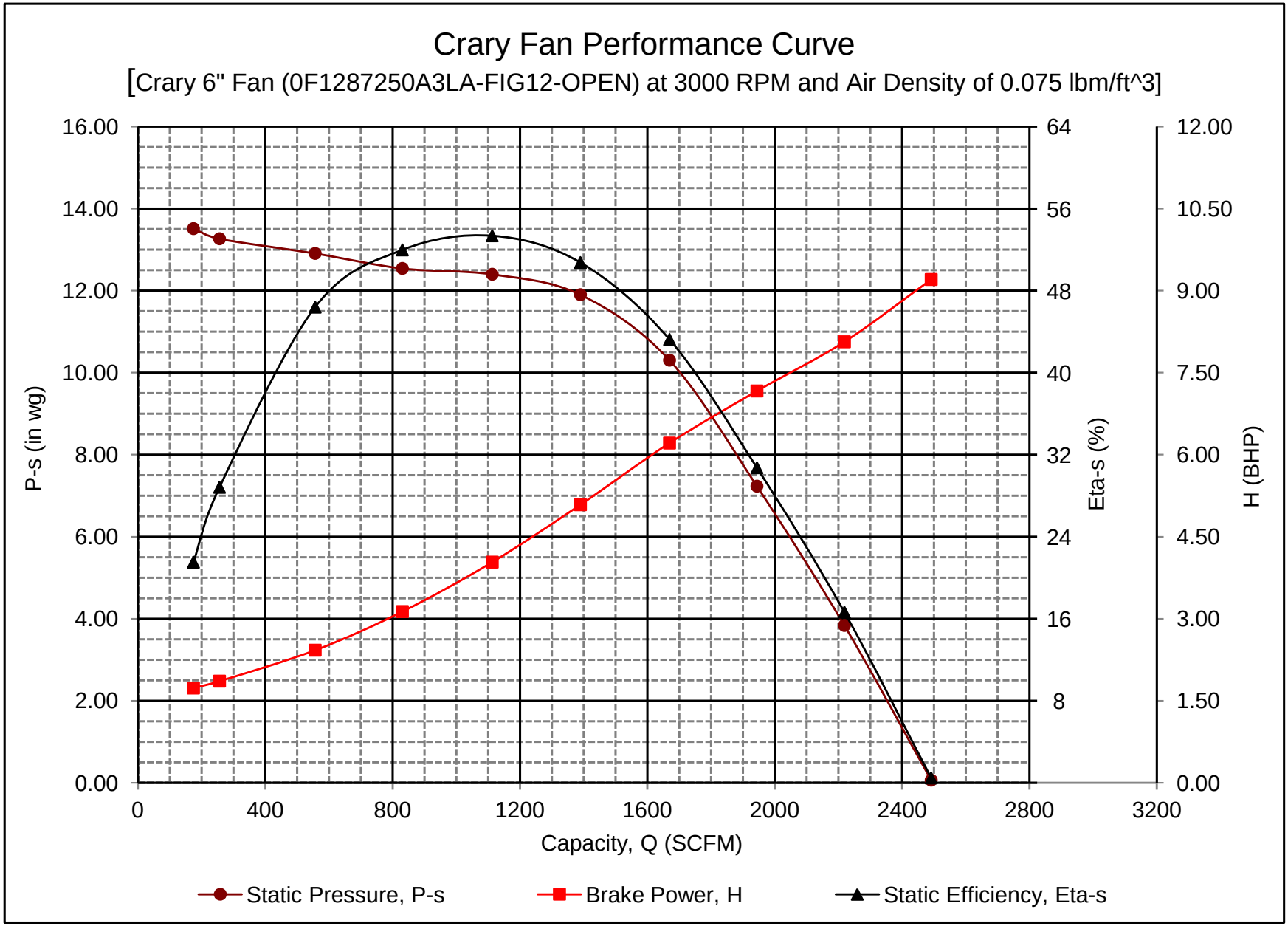
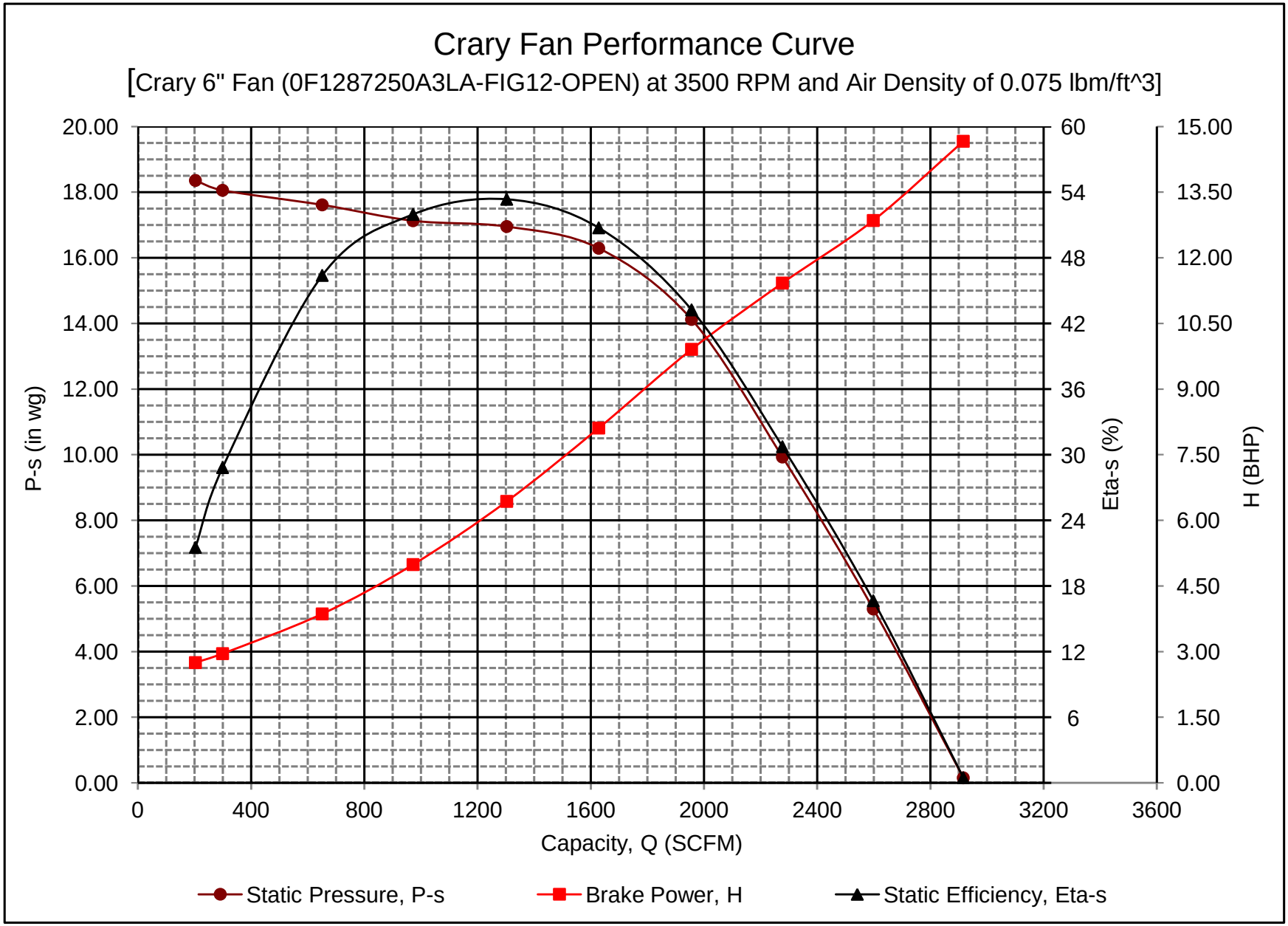
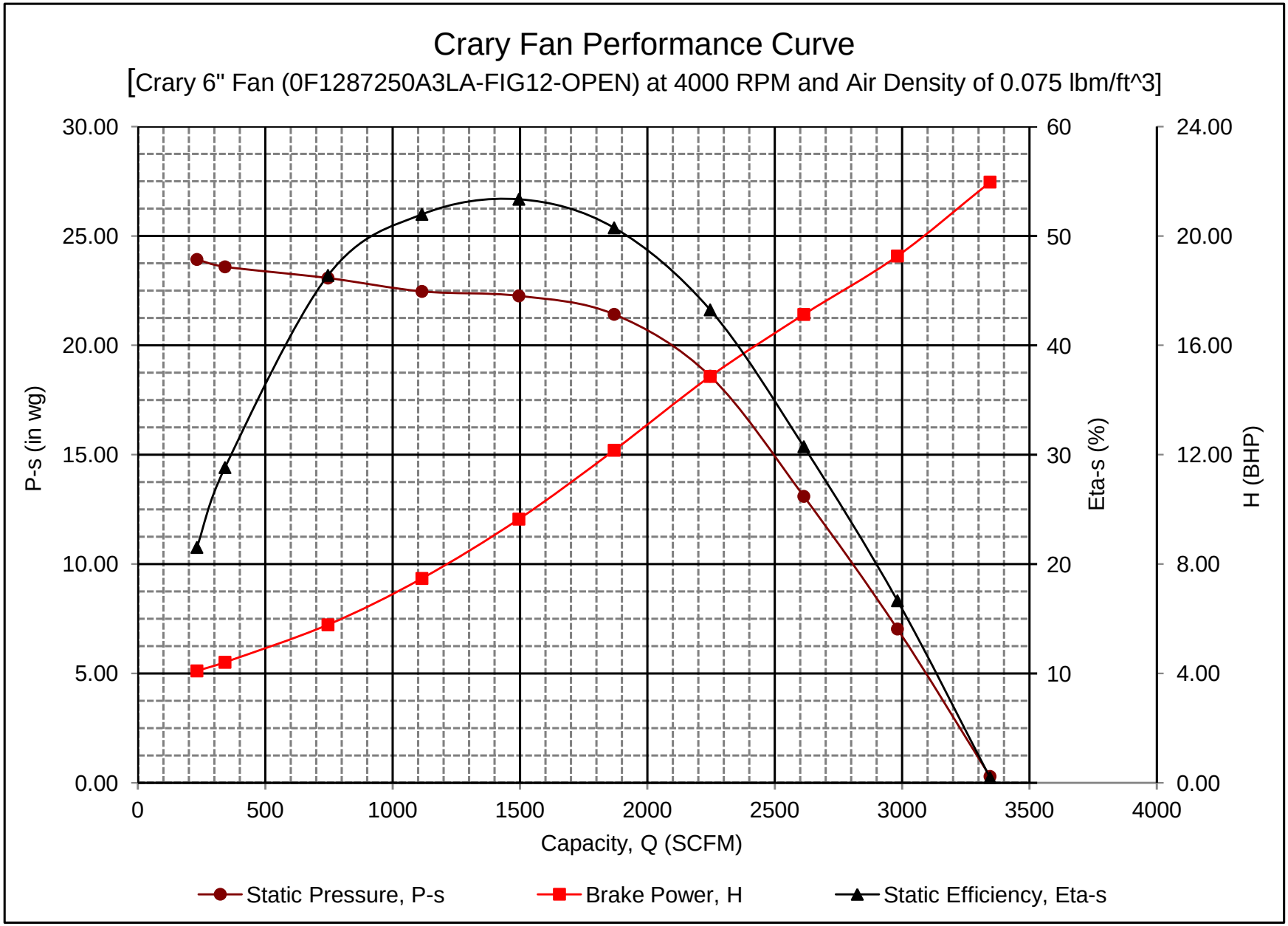

Crary Fan Performance Curve
[Crary 6" Fan (0F1287250A3LA-FIG12-OPEN) at 1500 RPM and Air Density of 0.075 lbm/ft^3]
P-s (in wg)
Eta-s (%)
H (BHP)
Capacity, Q (SCFM)
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
64
56
48
40
32
24
16
8
1.20
1.05
0.90
0.75
0.60
0.45
0.30
0.15
0.00
0
200
400
600
800
1000
1200
1400
1600
Static Pressure, P-s
Brake Power, H
Static Efficiency, Eta-s

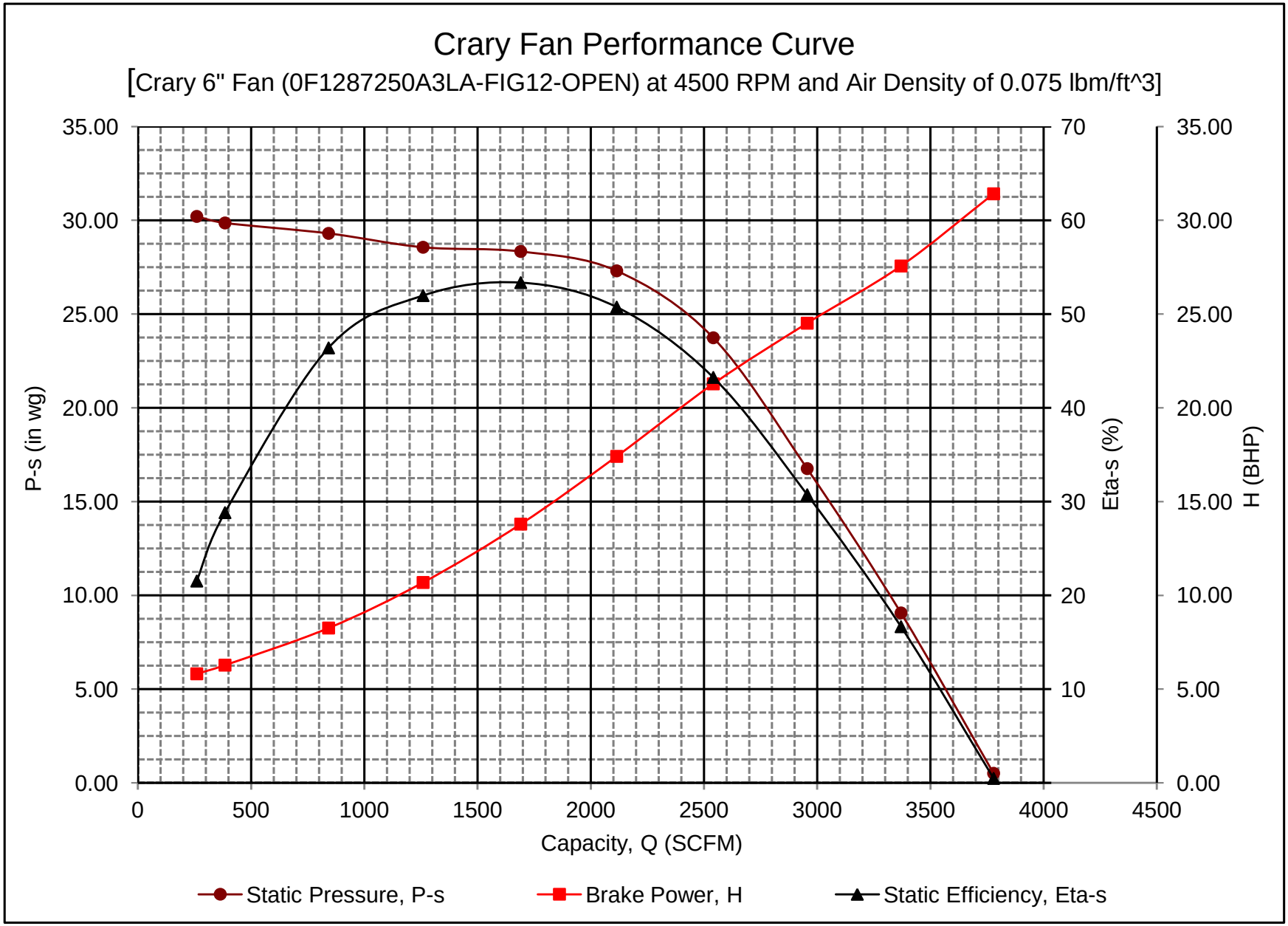

Crary Fan Performance Curve
[Crary 6" Fan (0F1287250A3LA-FIG12-OPEN) at 2000 RPM and Air Density of 0.075 lbm/ft^3]
P-s (in wg)
Eta-s (%)
H (BHP)
Capacity, Q (SCFM)
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
70
60
50
40
30
20
10
0.00
2.80
2.40
2.00
1.60
1.20
0.80
0.40
0.00
0
250
500
750
1000
1250
1500
1750
2000
Static Pressure, P-s
Brake Power, H
Static Efficiency, Eta-s

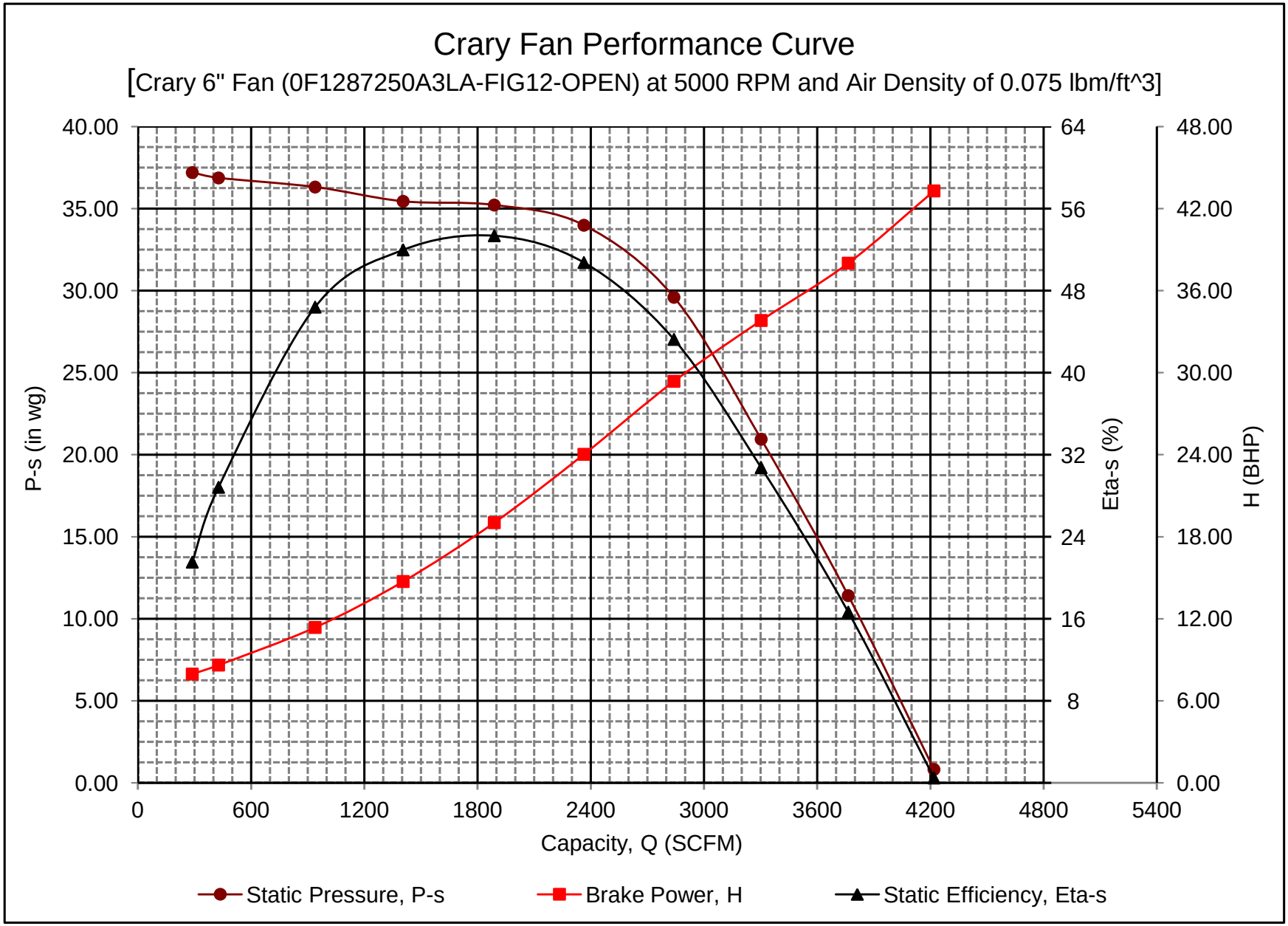

Crary Fan Performance Curve
[Crary 6" Fan (0F1287250A3LA-FIG12-OPEN) at 2500 RPM and Air Density of 0.075 lbm/ft^3]
P-s (in wg)
Eta-s (%)
H (BHP)
Capacity, Q (SCFM)
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
60
54
48
42
36
30
24
18
12
6
6.00
5.40
4.80
4.20
3.60
3.00
2.40
1.80
1.20
0.60
0.00
0
300
600
900
1200
1500
1800
2100
2400
Static Pressure, P-s
Brake Power, H
Static Efficiency, Eta-s

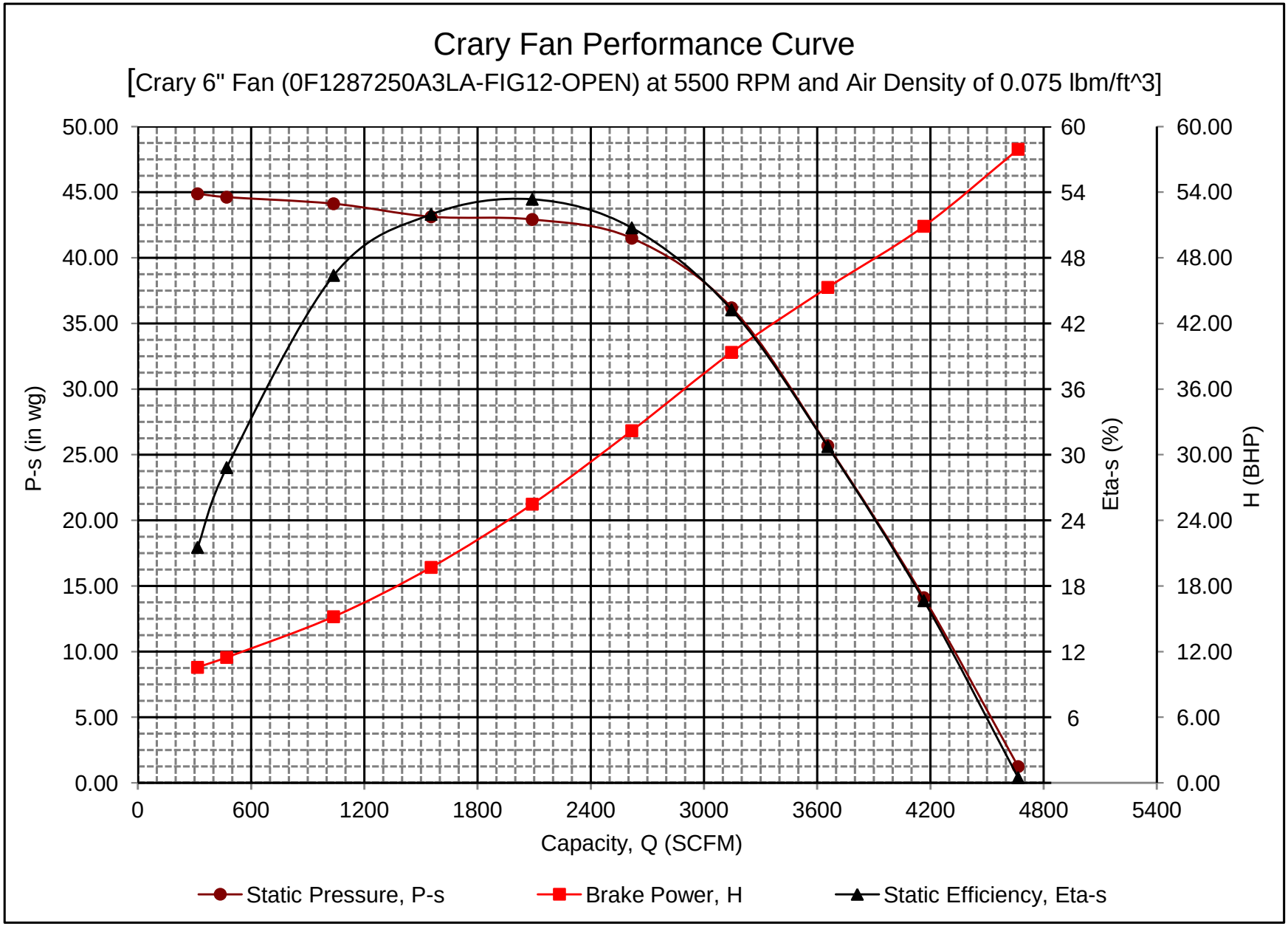

Crary Fan Performance Curve
[Crary 6" Fan (0F1287250A3LA-FIG12-OPEN) at 3000 RPM and Air Density of 0.075 lbm/ft^3]
P-s (in wg)
Eta-s (%)
H (BHP)
Capacity, Q (SCFM)
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
64
56
48
40
32
24
16
8
12.00
10.50
9.00
7.50
6.00
4.50
3.00
1.50
0.00
0
400
800
1200
1600
2000
2400
2800
3200
Static Pressure, P-s
Brake Power, H
Static Efficiency, Eta-s

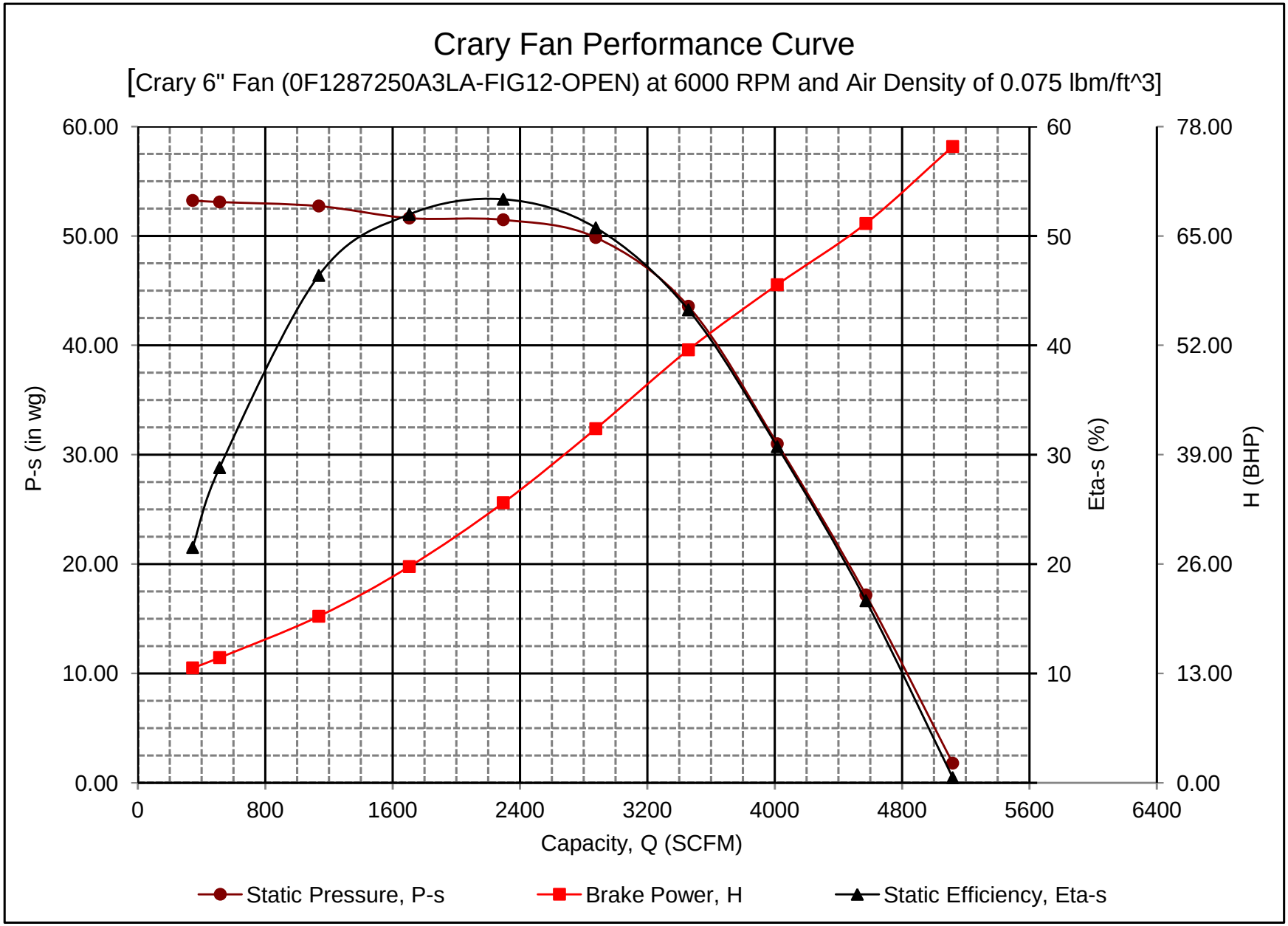

Crary Fan Performance Curve
[Crary 6" Fan (0F1287250A3LA-FIG12-OPEN) at 3500 RPM and Air Density of 0.075 lbm/ft^3]
P-s (in wg)
Eta-s (%)
H (BHP)
Capacity, Q (SCFM)
20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
60
54
48
42
36
30
24
18
12
6
15.00
13.50
12.00
10.50
9.00
7.50
6.00
4.50
3.00
1.50
0.00
0
400
800
1200
1600
2000
2400
2800
3200
3600
Static Pressure, P-s
Brake Power, H
Static Efficiency, Eta-s


Crary Fan Performance Curve
[Crary 6" Fan (0F1287250A3LA-FIG12-OPEN) at 4000 RPM and Air Density of 0.075 lbm/ft^3]
P-s (in wg)
Eta-s (%)
H (BHP)
Capacity, Q (SCFM)
30.00
25.00
20.00
15.00
10.00
5.00
0.00
60
50
40
30
20
10
24.00
20.00
16.00
12.00
8.00
4.00
0.00
0
500
1000
1500
2000
2500
3000
3500
4000
Static Pressure, P-s
Brake Power, H
Static Efficiency, Eta-s


Crary Fan Performance Curve
[Crary 6" Fan (0F1287250A3LA-FIG12-OPEN) at 4500 RPM and Air Density of 0.075 lbm/ft^3]
P-s (in wg)
Eta-s (%)
H (BHP)
Capacity, Q (SCFM)
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
70
60
50
40
30
20
10
0
500
1000
1500
2000
2500
3000
3500
4000
4500
Static Pressure, P-s
Brake Power, H
Static Efficiency, Eta-s


Crary Fan Performance Curve
[Crary 6" Fan (0F1287250A3LA-FIG12-OPEN) at 5000 RPM and Air Density of 0.075 lbm/ft^3]
P-s (in wg)
Eta-s (%)
H (BHP)
Capacity, Q (SCFM)
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
64
56
48
40
32
24
16
8
48.00
42.00
36.00
30.00
24.00
18.00
12.00
6.00
0.00
0
600
1200
1800
2400
3000
3600
4200
4800
5400
Static Pressure, P-s
Brake Power, H
Static Efficiency, Eta-s


Crary Fan Performance Curve
[Crary 6" Fan (0F1287250A3LA-FIG12-OPEN) at 5500 RPM and Air Density of 0.075 lbm/ft^3]
P-s (in wg)
Eta-s (%)
H (BHP)
Capacity, Q (SCFM)
50.00
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
60
54
48
42
36
30
24
18
12
6
60.00
54.00
48.00
42.00
36.00
30.00
24.00
18.00
12.00
6.00
0.00
0
600
1200
1800
2400
3000
3600
4200
4800
5400
Static Pressure, P-s
Brake Power, H
Static Efficiency, Eta-s


Crary Fan Performance Curve
[Crary 6" Fan (0F1287250A3LA-FIG12-OPEN) at 6000 RPM and Air Density of 0.075 lbm/ft^3]
P-s (in wg)
Eta-s (%)
H (BHP)
Capacity, Q (SCFM)
60.00
50.00
40.00
30.00
20.00
10.00
0.00
60
50
40
30
20
10
78.00
65.00
52.00
39.00
26.00
13.00
0.00
0
800
1600
2400
3200
4000
4800
5600
6400
Static Pressure, P-s
Brake Power, H
Static Efficiency, Eta-s