

Valve Diameter	1.600
Test Pressure "H2O	28.0
Throat Diameter	1.420
Throat Percentage	88.8
146	
Valve Stem Diameter	0.34375
Eff Throat Percentage	86.110



Stem Area 0.09281

Lift	<i>NEW Flow Curve</i>	<i>Discharge Coefficient</i>	<i>Curtain Velocity</i>	<i>Throat Vel w/stem</i>	<i>CFM/sq" valve area</i>
0.200	112.4	0.766	268.471	180.941	55.903
0.300	154.5	0.702	246.019	248.714	76.842
0.400	185.4	0.632	221.417	298.457	92.210
0.500	206.7	0.564	197.484	332.745	102.804
0.600	219	0.498	174.363	352.546	108.922
0.700	227.2	0.443	155.050	365.746	113.000
0.800	236.2	0.403	141.043	380.234	117.476
0.900	239.1	0.362	126.911	384.903	118.919
1.000	241	0.329	115.127	387.961	119.864
Average	202.4	0.522	182.876	325.805	100.660

NOTES:

SRH v2.50 exhaust
 4.155 Fixture
 1 7/8, 6" long pipe
 310 fps exit velocity
 2.25 in² exit size



