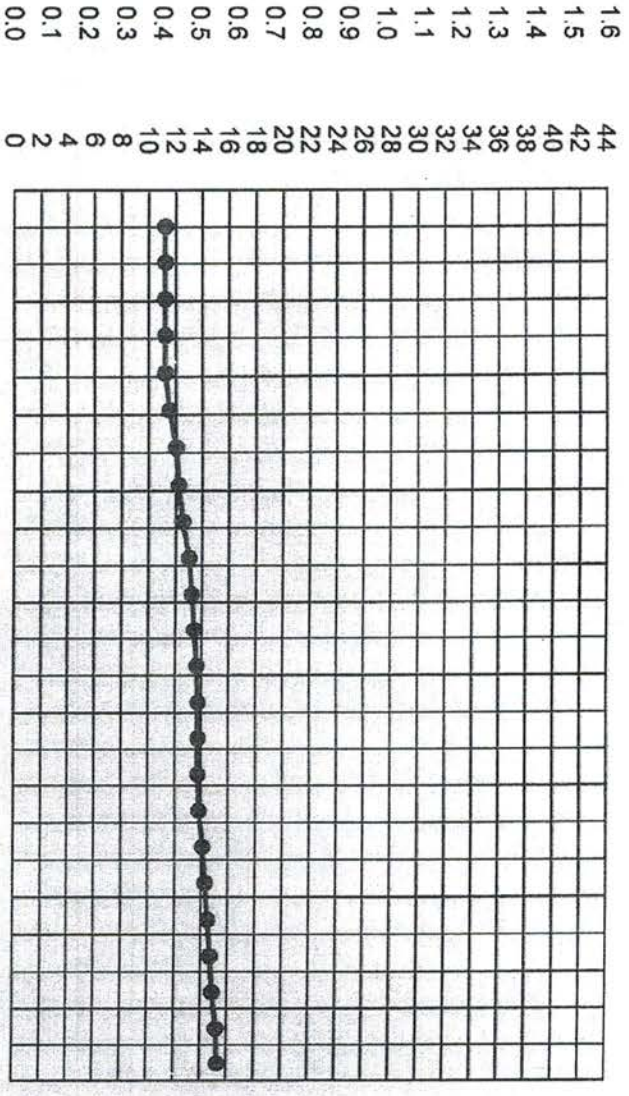


# SMI 30037

PRESSURE  
IN INCHES  
OF WATER



Curve for Vacuum Side of SUPERAC 6" High Velocity PV Valve - 0.5 PSI

data based on air flow

BARRELS PER HOUR	FLOW FT. <sup>3</sup> /MIN.	PRESSURE IN. OF H <sub>2</sub> O
524	49	11.2
1048	98	11.2
1571	147	11.2
2095	196	11.2
2619	245	11.2
3143	294	11.5
3667	343	12.0
4190	392	12.2
4714	441	12.5
5238	490	13.0
5762	539	13.2
6286	588	13.4
6810	637	13.6
7333	686	13.7
7857	735	13.7
8381	784	13.7
8905	833	13.8
9429	882	14.1
9953	931	14.3
10477	980	14.5
11001	1029	14.7
11525	1078	14.9
12049	1127	15.2
12573	1176	15.3



**ELECTROMECHANICAL RESEARCH LABORATORIES, INC.**  
P.O. 1026 NEW ALBANY, IN 47150

DATE	10/18/93	DRAWN	D. URBAN	PART NAME	0.5 Flow Curve, Vacuum
TOLERANCES	0 = +/- .030 .00 = +/- .015 .000 = +/- .005	APPROVED	U.S.C.G. #162.017/139/1	UNIT NAME	Marine 6" PV Valve
SCALE		JOB NO.		DRAWING NO.	291E-115B
				ITEM NO.	