For a complete library of rotameter calibration data, visit:
http://www.mathesongas.com/gas-handling/rotameter-FAQ

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UNITS : SLPM NITROGEN
TUBE NUMBER : #6 (E606)
SERIAL NUMBER : TYPICAL
FLOAT MATERIAL: 316 ST. STL.

DATE : 12-01-83
STD CONDITIONS : 1 ATMOS. &70 DEG F
GAS TEMPERATURE : 70 DEG F
PRESSURE IN TUBE :20 PSIG

E603NI20.DAT

SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE	SCALE READING	FLOW RATE
150.0	12.2399	110.0	8.9987	70.0	5.4597	30.0	2.1302
149.0	12.1700	109.0	8.9105	69.0	5.3730	29.0	2.0503
148.0	12.0993	108.0	8.8223	68.0	5.2865	28.0	1.9705
147.0	12.0278	107.0	8.7339	67.0	5.2001	27.0	1.8908
146.0	11.9555	106.0	8.6453	66.0	5.1139	26.0	1.8112
145.0	11.8825	105.0	8.5567	65.0	5.0279	25.0	1.7317
144.0	11.8087	104.0	8.4679	64.0	4.9421	24.0	1.6523
143.0	11.7343	103.0	8.3791	63.0	4.8564	23.0	1.5729
142.0	11.6591	102.0	8.2902	62.0	4.7709	22.0	1.4937
141.0	11.5833	101.0	8.2012	61.0	4.6856	21.0	1.4145
140.0	11.5068	100.0	8.1122	60.0	4.6005	20.0	1.3353
139.0	11.4297	99.0	8.0232	59.0	4.5156	19.0	1.2563
138.0	11.3520	98.0	7.9341	58.0	4.4308	18.0	1.1772
137.0	11.2737	97.0	7.8450	57.0	4.3463	17.0	1.0982
136.0	11.1949	96.0	7.7558	56.0	4.2619	16.0	1.0192
135.0	11.1155	95.0	7.6667	55.0	4.1777	15.0	0.9403
134.0	11.0355	94.0	7.5776	54.0	4.0937	14.0	0.8614
133.0	10.9550	93.0	7.4884	53.0	4.0099	13.0	0.7824
132.0	10.8740	92.0	7.3993	52.0	3.9262	12.0	0.7035
131.0	10.7926	91.0	7.3103	51.0	3.8428	11.0	0.6245
130.0	10.7106	90.0	7.2213	50.0	3.7595	10.0	0.5455
129.0	10.6283	89.0	7.1323	49.0	3.6764	9.0	0.4665
128.0	10.5455	88.0	7.0434	48.0	3.5936	8.0	0.3874
127.0	10.4622	87.0	6.9545	47.0	3.5108	7.0	0.3083
126.0	10.3786	86.0	6.8657	46.0	3.4283	6.0	0.2291
125.0	10.2946	85.0	6.7770	45.0	3.3460	5.0	0.1498
124.0	10.2102	84.0	6.6884	44.0	3.2638		
123.0	10.1255	83.0	6.5998	43.0	3.1818		
122.0	10.0404	82.0	6.5114	42.0	3.1000		
121.0	9.9550	81.0	6.4230	41.0	3.0183		
120.0	9.8693	80.0	6.3348	40.0	2.9368		
119.0	9.7833	79.0	6.2467	39.0	2.8555		
118.0	9.6971	78.0	6.1587	38.0	2.7743		
117.0	9.6106	77.0	6.0708	37.0	2.6933		
116.0	9.5238	76.0	5.9831	36.0	2.6124		
115.0	9.4368	75.0	5.8955	35.0	2.5317		
114.0	9.3496	74.0	5.8081	34.0	2.4512		
113.0	9.2621	73.0	5.7207	33.0	2.3707		
112.0	9.1745	72.0	5.6336	32.0	2.2904		
111.0	9.0867	71.0	5.5466	31.0	2.2103		